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SENIOR HEALTH CARE SYSTEM

A Project
Presented to the
Faculty of
California State University,
San Bernardino

In Partial Fulfillment
of the Requirements for the Degree
Master of Science
in
Computer Science

by
Meng-Chun Ling

June 2005

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Approved by:



Kerstin Voigt, Chair, Computer Science

06/08/05
Date



Richard Botting



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ABSTRACT

Senior health care is a crucial social issue with a growing percentage of the senior population in recent years. It has played an important part since baby boomers' retirement and the substantial improvement of health care system.

The State of California Department of Aging and Federal Government established several health programs for California seniors in order to monitor how all the health facilities providing services for those participants under these funded health programs performed. The state government requires all of these programs to submit quarter assessments of the participants. These submissions create many workloads for all the staff in the health facilities. Most of time is spent on documentation instead of serving senior participants.

Senior Health Care System (SHCS) is created for users to enter participants' conditions and store information in a central database. When users are ready for quarterly assessments, the system will generate a simple summary for them of which users can review, modify, and save the summary assessments. Moreover, when users need to enter information for next quarter assessments, the system will

fill out the repeat information for users, for instance, participants' names, addresses, phones, and medications.

SHCS increases clinical effectiveness and, ultimately, quality of care. The reporting function of SHCS makes it easy to track not only participants but also service information. It improves the quality and availability of information, which makes the job of staff easier and their work more effective.

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CHAPTER ONE
SOFTWARE REQUIREMENTS SPECIFICATION

1.1 Introduction

Senior health care has become a more important social issue given the growing percentage of senior population in recent years. It is especially true since baby boomers' retirement and the substantial improvement of the health care system. The State of California Department of Aging and Federal Government found several health programs for California seniors. There are four most common senior health programs, ADHC, MSSP, ICMP, and PACE.

ADHC, Adult Day Health Care, is an organized day health care program of therapeutic, social and health services in a center serving the frail, elderly and other adults with physical or mental impairments to adults who have difficulty functioning in their own homes. Social services assistance for group and individual counseling, advocacy, information and referral that address any questions or additional services needs someone may have.

MSSP, the Multipurpose Senior Service Program, sites provide social and health case management for frail elderly participants who are certifiable for placement in a nursing facility but who wish to remain in the

community. The goal of the program is to arrange for and monitor the use of community services to prevent or delay premature institutional placement of these frail participants. The services must be provided at a cost lower than that for nursing facility care. Under a federal Medicaid Home and Community-Based, Long Term Care Services Wavier, the MSSP provides comprehensive case management to assist frail elderly persons to remain at home.

ICMP, Infection Control Management Plan, is to provide documented evidence that health service providers within health care facilities are continually undertaking a process of identifying, assessing and addressing infection risks. These processes should aim to minimize the effects of inevitable infection and to reduce the risk of an infectious condition and/or disease being transmitted within that facility to persons receiving services within the facility, working within the facility, or other members of the public.

The Program of All-Inclusive Care for the Elderly, PACE, features a comprehensive service delivery system to address the needs of long-term care participants, providers, and payers. The comprehensive services package permits them to continue living at home while receiving services rather than be institutionalized.

Every quarter of the year, health care facilities in these four health programs need to provide documented evidence to the State of California Department of Aging and Federal Government showing the effort they have put on all the participants. Assessments have to be entered and summarized in all cases.

Senior Health Care system can collect all needed information and produce necessary reports, including assessments. This is what SHCS can provide, an integrated information system, which reduces duplicative information gathering by site staff, enabling them to share a single up-to-date accessible set of information about each participant. SHCS makes it easy to monitor outcome measures such as changes in health and functional status. This results in improvement of quality of care. Participants and their families can also get involved in care management with the help of printed care plans and outcome reports. SHCS improves the quality and availability of information, making the job of staff easier and their work more effective. SCHS helps them to focus on the more critical task of caring for participants. Staff will spend less time on clerical tasks and duplicative data gathering. On the reporting side, SHCS makes it easy to track not only participant and

service information but also help participants to have their personal history and information available all at once for evaluation.

1.2 Purpose of the Project

Two parts of SHCS were constructed and developed by Meng-Chun Ling for her Master's Project at California State University San Bernardino (CSUSB).

Currently in HealthCare Health Services Corporation PCs are used to fill out the assessment forms of assessments at each individual clinic and the information of participants is not centralized. It is extremely difficult to keep track of participants' information when there is a PCs break-down, documents can not be retrieved i.e. leave of staff, or participants information transferring from one clinic to another. All users need to write reassessments every quarter, after reviewing the previous assessments and participants' current condition. It is not productive for them to collect information by going through all the paper documents and try to write assessments. By developing the Senior Health Care System (SHCS) for entering and storing data in a centralized sever, users can store participants' information properly and track it more efficiently.

For this project, the social work module of SHCS is developed. It captures the participants' registration information and provides users an interface to enter the needed health condition information. The information includes mental health, physical health, the devices used, social conditions, caregivers' supports, medications, and medical history. When the user is ready, the system will generate a specified formatted summary report to allowed to be reviewed, modified, and printed.

The envisaged Senior Health Care System tracks each participant's health condition with input from various disciplinary providers, including social workers, nurses, physical therapists, speech therapists, nutritionists, psychosocial specialists, and physicians. The completed system will use the information from this system to assess the condition of the participant and assist in developing a care plan.

1.3 Context of the Problem

There are three aspects of the problem encountered in the development of SHCS system. The first aspect is related of the data design, the second relates records locks, and the last relates the security issue of fitting HIPAA compliant requests.

First, categorization of information should be conducted with all the users, and for which part and whom will have access to what assessments should be determined. For instance, under the used devices part, the devices are shared information, but the comments for devices are individual opinions. I had to communicate with users and try to understand definitions of most information. Finally, I cataloged most the information and designed the first data structure.

Second, the system is designed to avoid modified information being overwritten. While one user is reviewing the records, it locks from participants' records to individual assessment record. Problems occurred while testing after the shared information is updated, the records were not locked any more and the same locked information can be accessed. In the end, I had to carefully check the saving function if it unlocks a record every time when updating and retrieving and locks it right away until user's access is out totally.

Last, for HIPAA compliant, I have to handle the participants' medical information in a secure environment. HealthCare health group has a very complete security system. The first security gate is Novell, which controls the accessibility of an internal network. A person has to

have a user name and password to access the internal network. When a user is able to log in the internal network successfully, he or she will still need to log in with another assigned username and password to access the SHCS database. All the SHCS information is transferred under independent private intranet. The HIPAA compliance is fully fitted.

1.4 Significance of the Project

The significance of the project was the implementation of a complete assessment application in today's fast paced health care field. This project attempted to use a central database to collect all the needed information of assessment. Instead of scrawling all information on a piece of paper, the users enter the information into a computer at the office. From there, the quarter assessment stored in a shared central database and printed out on a local printer. Moreover, this project even developed automation for some review summaries. Among other advantages, this project will reduce the workload of senior care facilities staff and provide central database to be accessible for all facilities staff.

1.5 Assumptions

The following assumptions were made regarding the project:

1. All users were experienced with the Microsoft operation system.
2. All users had basic skills with Internet communication and browser usage.
3. All doctors had some experience with the usage of Pocket PC.

1.6 Limitations

During the development of the project, a number of limitations were noted. One of the limitations is the screen size. In the social worker assessment module, the SHCS captures a lot of information. In order to collect most of information in one screen, the font size of this application is designed to be the standard. Some users set their font size to large. In this case, users have to scroll the windows to enter information. This causes some inconvenience for users.

The major limitation is the mobility of this application. This application is designed for internal network. Unfortunately, more than half social workers need to visit participants in their place. The users do not

have the access to HealthCare internal network without a cable connecting to the internal devices. They still need to drag down the information and enter to system later. In this situation, the SHCS does not help clinic social workers but increases their workload. A transfer application needs to be developed to allow users access central database thru the Internet in the future. The future Internet application also has to have encryption for HIPAA complaint. After the future Internet application is developed, users can start to use the software without limitation.

1.7 Definition of Terms

The following terms are defined as they apply to the project.

Table 1. Definition of Terms

ADHC; ICMP, MSSP; PACE	They are California government health programs for California residents.
CSUSB	California State University at San Bernardino
Database	A generic term for any system that has a collection of related information. Used in Computer Science fields to denote a compilation of data that when combined serves to give the user useful information.

Encryption	A method used to scramble sensitive information when transferring the information over an unsecured line. A decryption algorithm on the receiving side is needed to unscramble the message.
GUI	Graphical User Interface
HIPAA	Health Insurance Portability and Accountability Act, Medical Privacy - National Standards to Protect Privacy of Personal Health Information.
IEEE	Institute of Electrical and Electronics Engineers
MB	Megabytes
Microsoft Visual Basic 6.0	The Microsoft Visual Basic® 6.0 provide Data access features to create databases, front-end applications, and scalable server-side components for most popular database formats, including Microsoft SQL Server and other enterprise-level databases. Users can even automate applications and objects created using the Professional or Enterprise editions of Visual Basic.
Microsoft Visual Basic 6.0 SP5: Run-Time Redistribution Pack	Microsoft Visual Basic run-time files required by all applications created with Visual Basic 6.0. The files include the fixes shipped with Visual Studio 6.0 Service Pack 5
OS	Operating System
RAM	Random Access Memory
SHCS	Senior Health Care System
SRS	Software Requirements Specification
UML	Unified Modeling Language
UniVerse	UniVerse is a registered trademark of Ardent Software, Inc. Uni Call Interface, UniVerse Data Replication, UniVerse NLS, UniVerse ODBC, UniObjects, UV/Net, UV/Term, and Ardent are trademarks of Ardent Software, Inc.

UniVerse Development Kit Release 2.0 (UVVK)	UniVerse Object is a programming interface that allows a client to access and manipulate UniVerse data stored on a server, from within a Windows application. Universe Objects provides the bridge between an application development tool that support the Microsoft OLE Automation Interface, such as Microsoft Visual Basic, and Universe files on the server. With UniVerse Objects, your Windows applications can: Access UniVerse files, records, Execute UniVerse commands, and BASIC program.
--	--

1.8 Organization of the Report

This report is divided into five chapters. Chapter one provides software requirements specification, an introduction to the context of the problem, purpose and significance of the project, limitations, and definitions of terms. Chapter Two consists of the software design. Chapter Three documents the steps used in testing the project. Chapter Four presents the users manual from the project. Chapter Five presents conclusions drawn from the development of the project. The Appendices containing the project follow Chapter Five.

CHAPTER TWO

SOFTWARE DESIGN

2.1 Introduction

The SHCS is divided into seven modules, which target nurses, social workers, physical therapists, speech therapists, nutritionists, psychosocial specialists, and physicians. In each module, the users will enter the all health conditions of the participant. At any time, when users need to produce a summary report, SHCS will automatically generate the reports and allow users to review and modify if as needed. The figure 1 shows the whole big picture of SHCS.

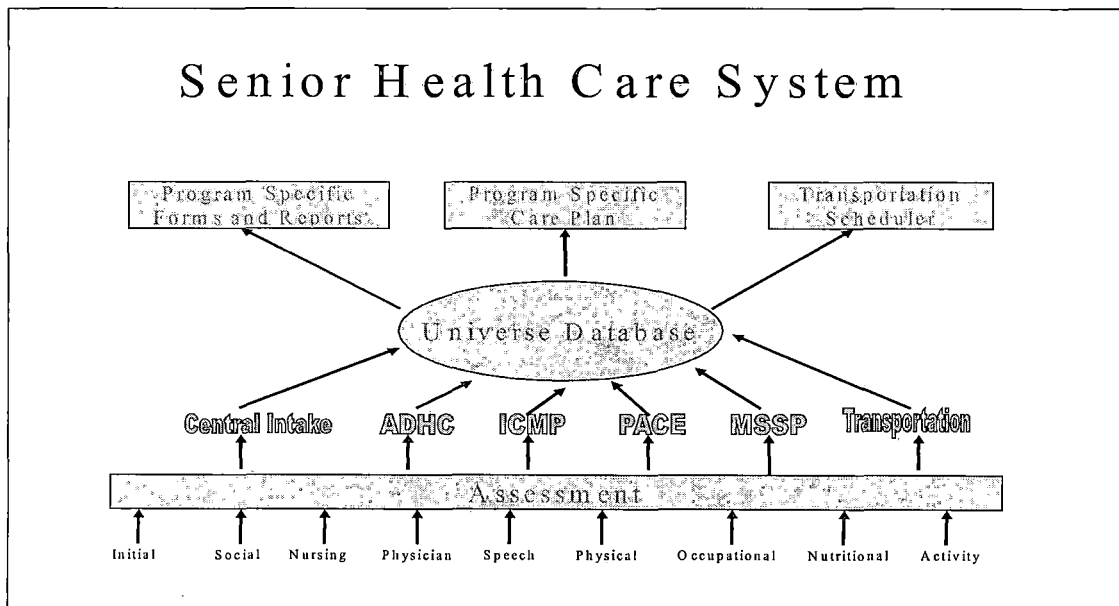


Figure 1. Senior Health Care System Overview

The user requirements for SHCS were collected through the information submitted by the nurses and social workers of HealthCare. After the development of the SHCS interface was completed, a meeting was held to get the users' feedback. The interface was modified and functions were developed according to the feedback.

Social Workers module of the assigned seven modules of SHCS was developed in this project:

1. The participants' registration information module, and
2. The social worker assessment module

The participant's registration information collects participant's general and some shared information. For instance, participant's name, address, phone, and used devices.

The social worker assessment module collects mental health, social conditions, caregivers' supports, and medications. It also allows users to update some shared information, such as, devices used.

2.2 System Design

2.2.1 Overall Schema

The main parts of SHCS are the interface and the central database. The big picture is shown in Figure 2.

Users use SHCS to enter the information to the Universe server (the central database), and get the information from the Universe server. Then users can use SHCS automatically to analyze information and generate the summary assessment reports. Users can review, modify, save, and print the reports in the required format.

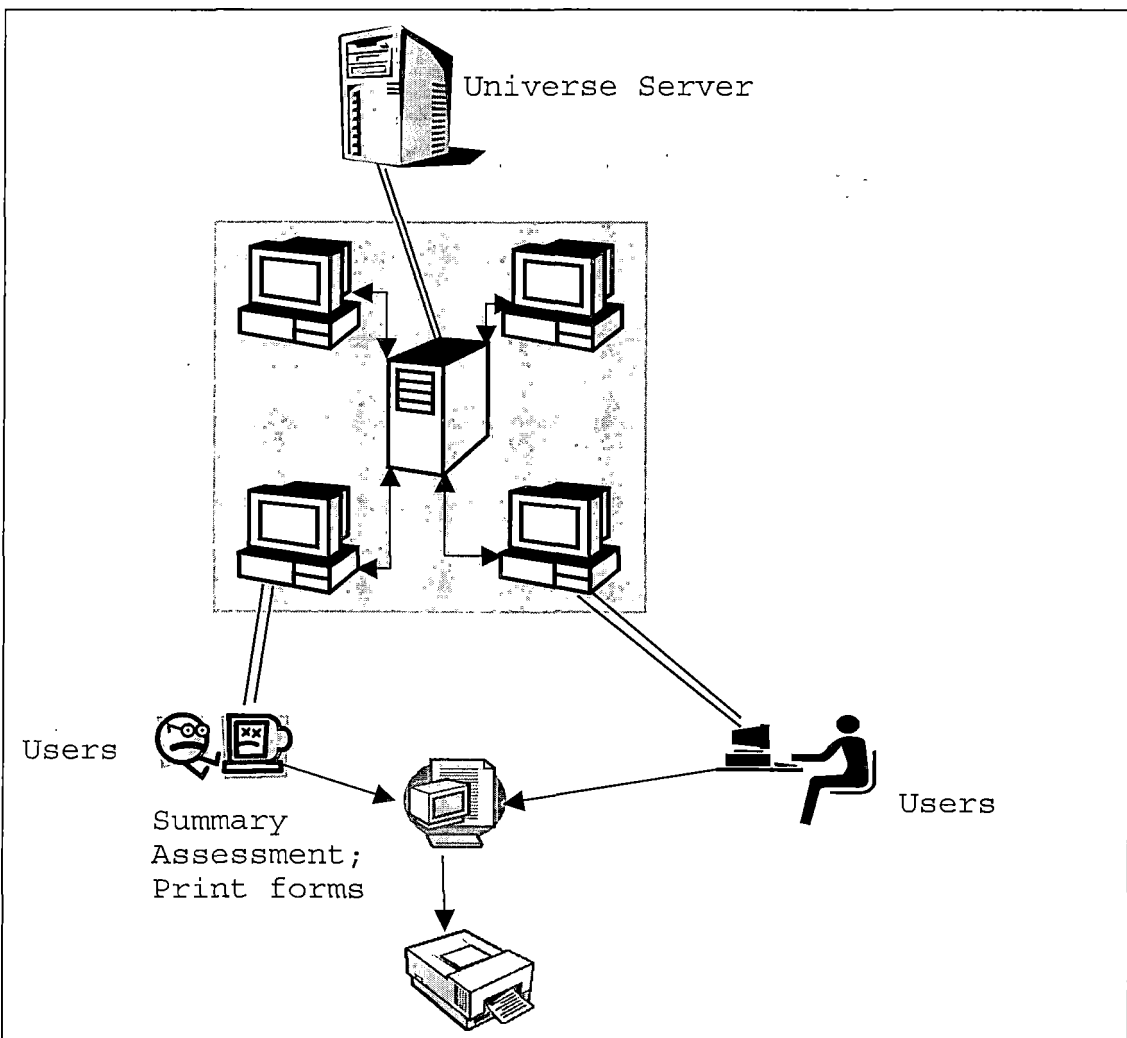


Figure 2. Senior Health Care System Architecture Diagram

2.2.2 State Diagram

A State diagram is an analysis tool that can be used when a system or component of a system passes through a series of discrete states during operation. The following provides a state transaction diagram for the Participants.

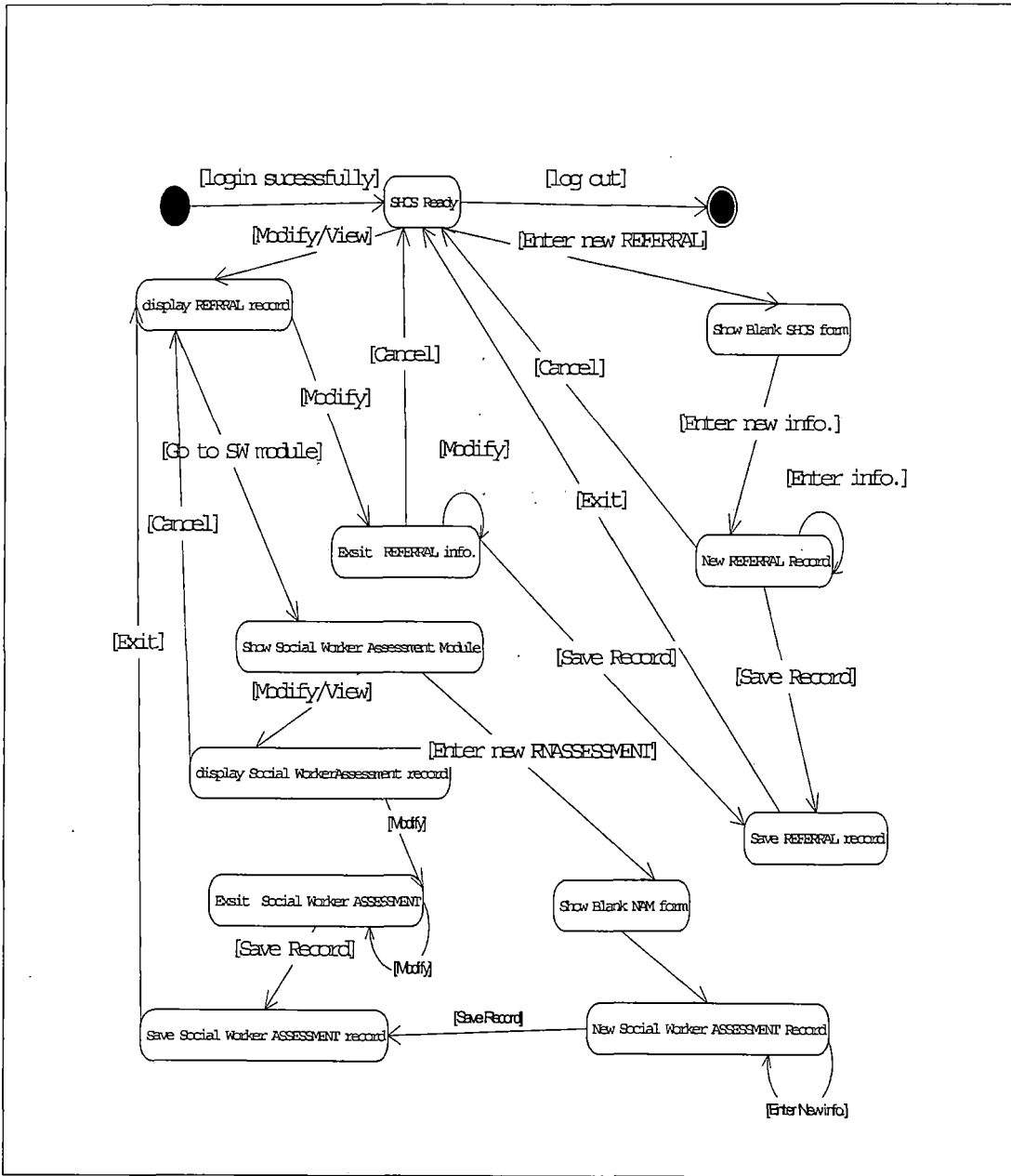


Figure 3. Senior Health Care System State Diagram

2.2.3 Product Functions

The following provides a Use Case Diagram that graphically depicts the users and principal functions of the SHCS. Further description of the functionality of the product is further described in section 2.2.3.1 to 2.2.3.4

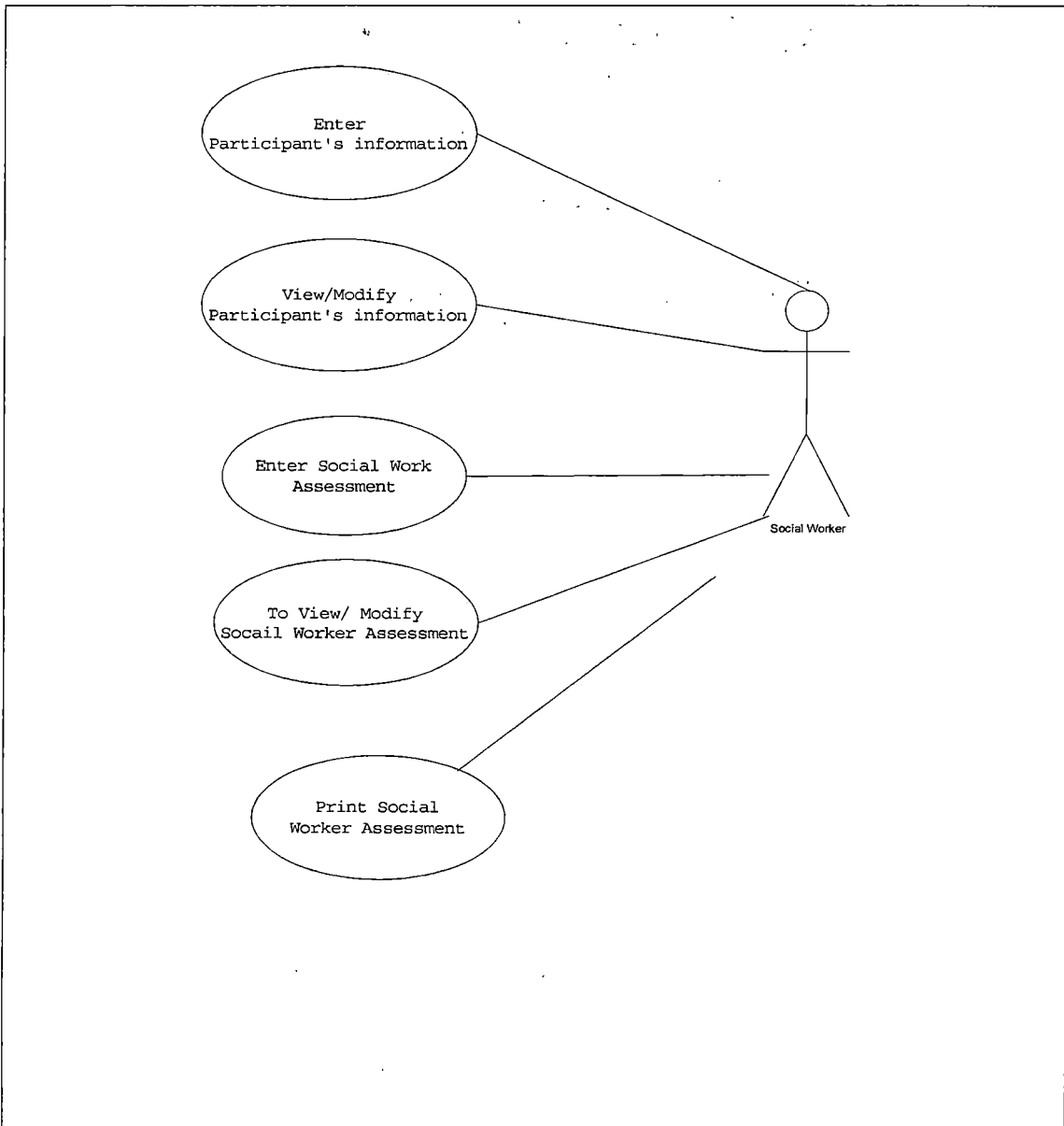


Figure 4. Senior Health Care System Use Case Diagrams

2.2.3.1 Functions for Participant's Registration

(Referral). The functions provided in the section are for all users who are an employee in the facility.

The participant's registration screen provides the following features:

- o Create and Edit the participant record
- o Enter General information, such as participant's Name, address, phone number, and etc.
- o Enter Contact Information, such as primary physician's name, address, phone number, and etc.
- o Enter Financial Information, such as participant's income, monthly expenses, and etc.
- o Enter Referral Health Program Information, such as ADHC, ICMP, MSSP, PACE, and etc.
- o Access to assessment information, such as Nursing, Social Worker and etc.

2.2.3.2 Functions for Social Worker Assessment.

The SHCS provides functions to let social workers enter assessments. Social Worker Assessment offers the following features:

- o Create and Modify Social Worker Assessment by different Health Program.
- o This page will allow nurses to enter the following information:

- Signification health change or recent hospitalizations, caregivers, psychological, mental health, environment safety.
- Provide Menu to access sub pages, such as Medication, and equipments.
- Automatically generate Assessment Summary. For reassessment, social workers need to provide essay report to government. (See Appendix A)
- Provides Menu to print Assessment Forms.

2.3 System Environment

The SHCS system uses following hardware.

- Windows® compatible PC
- Pentium® III 333 MHz
- 64MB RAM minimum (128 MB recommended)
- 100MB available hard disk space
- Windows® 98 or Windows® 2000
- IBM Universe UVDK Version 2.0
- Shared or local Printer
- 15" monitor with 800x600 resolution (or better)

The SHCS server has to have the following requirements

- Pentium® IV 1.4 GHz
- 512 MB RAM minimum (1 GB recommended)
- 200MB available hard disk space
- Windows® 2000 or Novel 4.0
- IBM Universe Sever
- 15" monitor with 800x600 resolution (or better)

2.4 Database Design

The database design of this project had to be based on the existing database. The files SHCS needs to block unauthorized users are USERS.LIST and password file. The main existing database for this project is Referral, which contains all of the candidate's general information. Then SHCS converted the old Referral to REFERRAL, REF.PHYSICIAN, REF.SOURCE, REF.TO, REF.PROGRAM, and REF.SOURCE. REFERRAL is the candidate's general information. REF.SOURCE contains the source candidate's referral form. REF.TO and REF.PROGRAM contain the program candidate's referral to. REF.PHYSICAIN contains the primary and special doctors' information. SSWASSESSMENT is added for social workers to enter the assessment information.

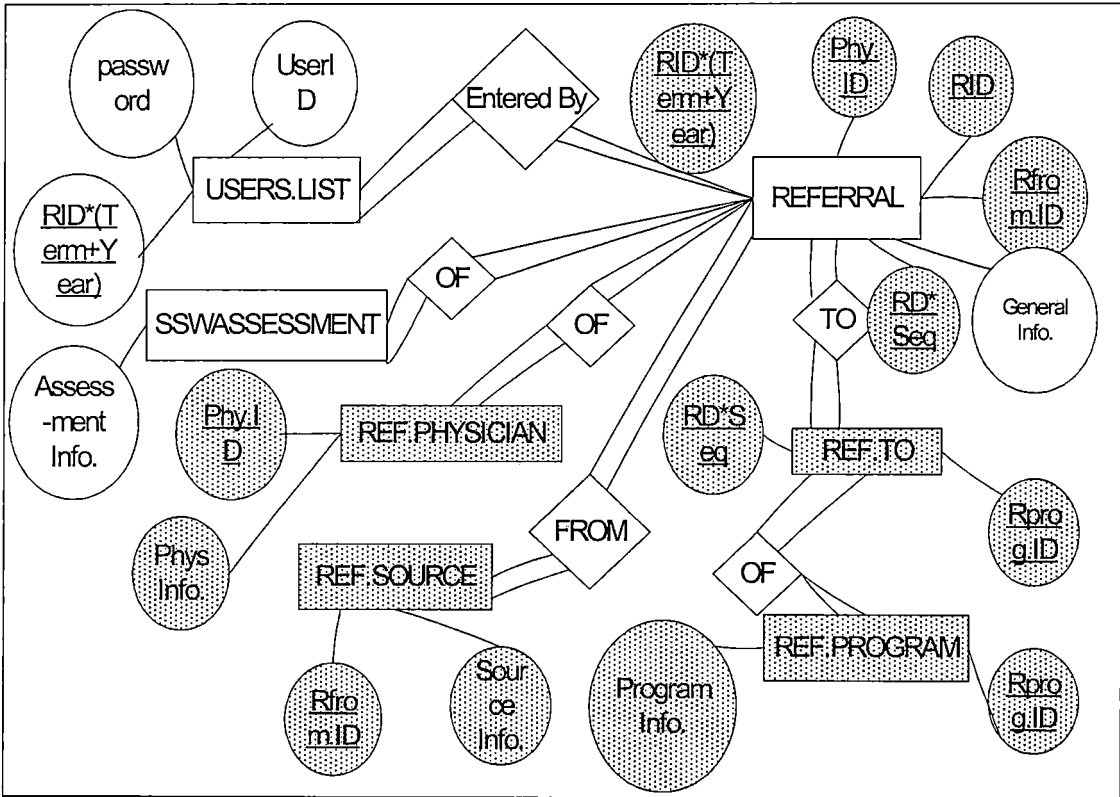


Figure 5. Senior Health Care System Entity Relationship Diagram

2.4.1 Relational Diagram

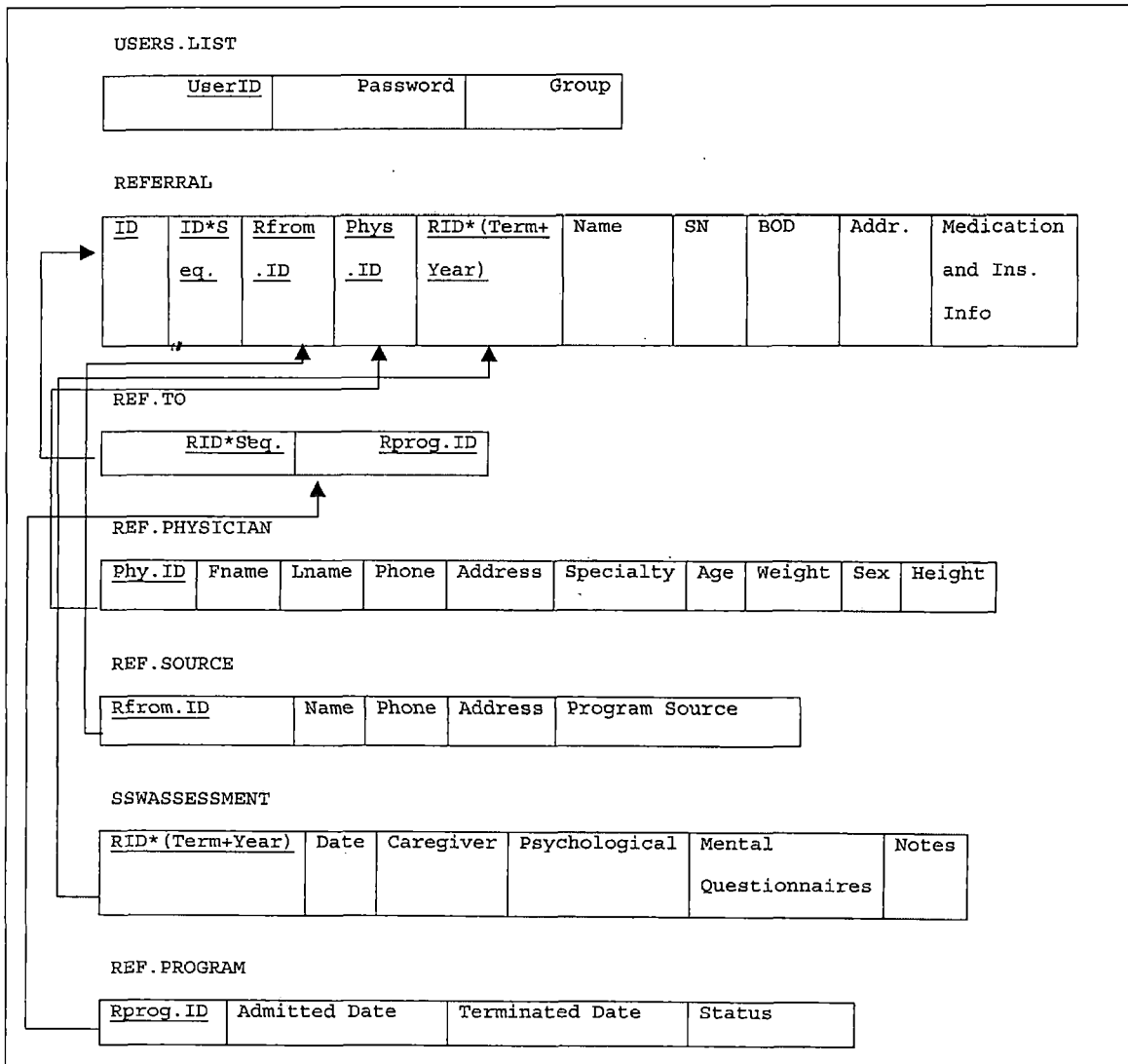


Figure 6. Senior Health Care System Relational Diagram

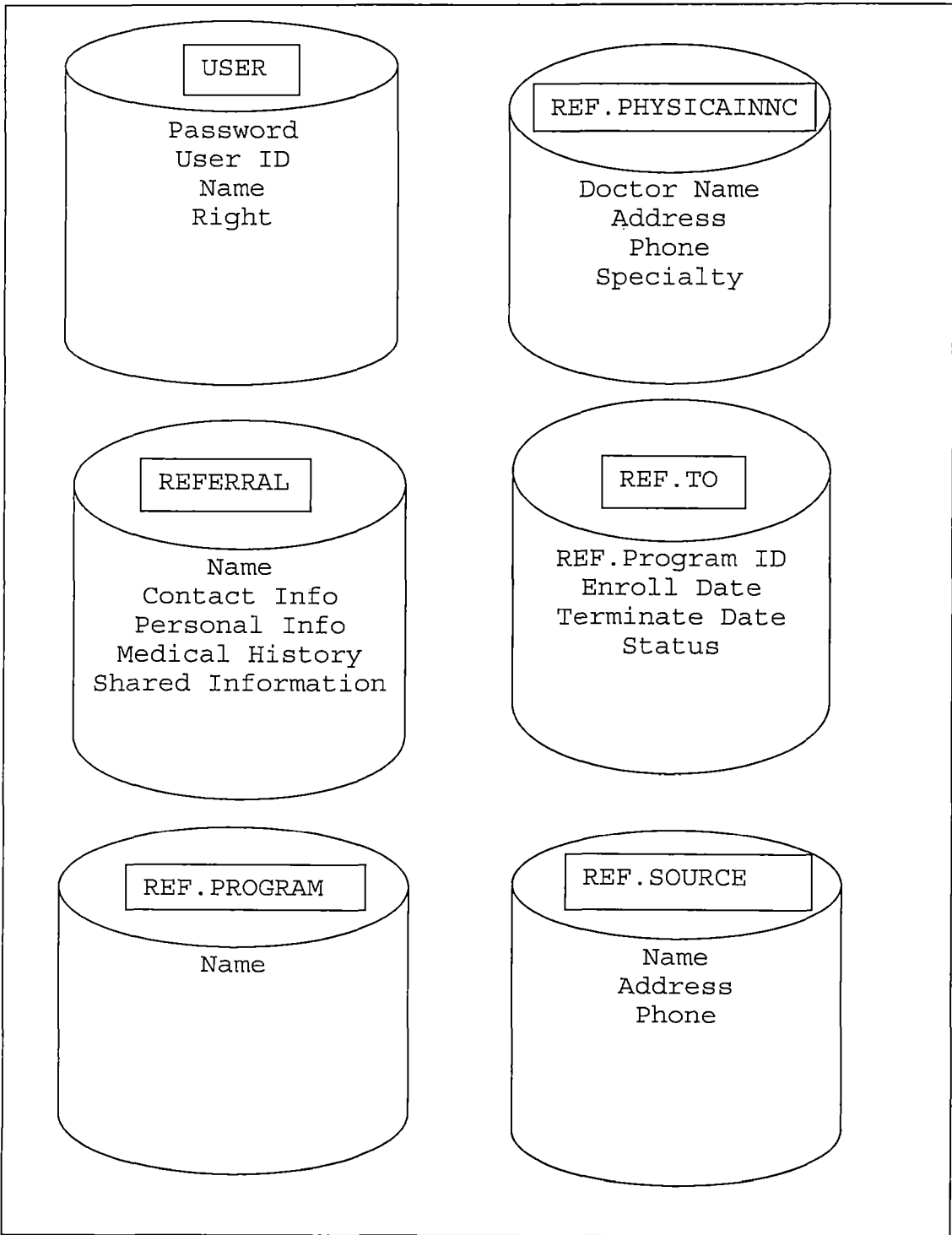


Figure 7. Participant Conceptual Model Diagram

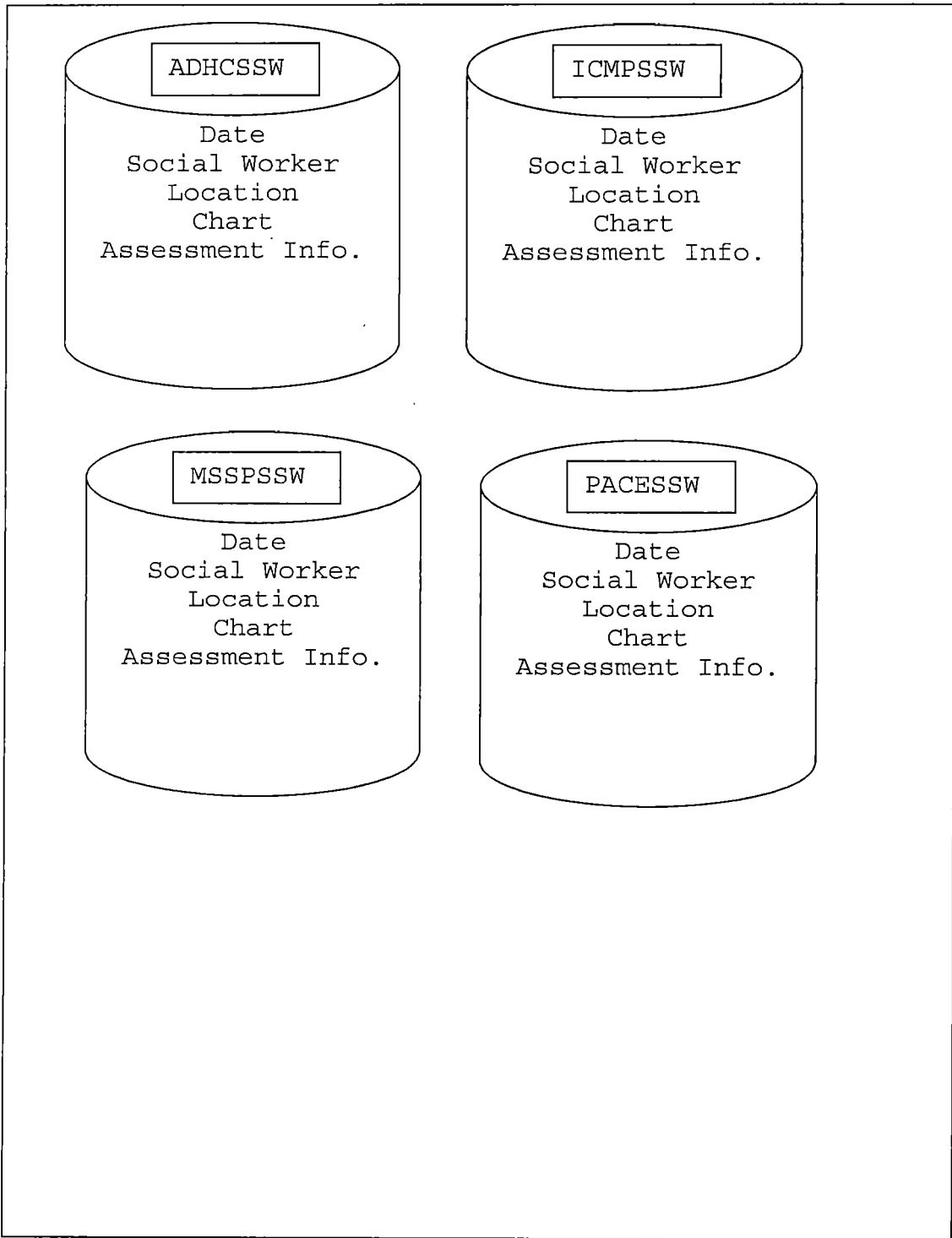


Figure 8. Assessment Conceptual Model Diagram

2.4.2 Logical Model Table Schema

The database dictionary of the SHCS system is presented in the following.

Table 2. Database Dictionary for Table USER

Table USER		
Attributes	Definition	Data Type
USER_ID<0>	User login ID	String
Password<1>	User's PIN	String

Table 3. Database Dictionary for Table REFERRAL

Table REFERRAL		
Attributes	Definition	Data Type
Referral_Id<0>	Participant's identification number	"R"+Int
F_name<1>	Participant's first name	String
L_name<2>	Participant's Last name	String
DOB<3>	Participant's date of birth	Date
SSN<4>	Participant's social security number	String
Phone<5>	Participant's contact phone number	String
Street<6>	Street name of contact address	String
City<7>	City name of contact address	String
State<8>	State name of contact address	String
Zip<9>	Zip code of contact address	String
Gender<10>	Participant's gender	Char
Emergency Contact<11>	Participant's Emergency contact information	String
Notes<12>	Notes from social workers	String
Medications<13>	Participant's Medications	String
Equipments<14>	Participant's Equipments	String

Table 4. Database Dictionary for Table REF.PHYSICIAN

Table REF.PHYSICIAN		
Attributes	Definition	Data Type
LAST.NAME<1>	Last Name	String
FIRST.NAME<2>	First Name	String
MID.NAME<3>	Middle Name	String
SPECIALTY<4>	Specialty ID	Int

Table 5. Database Dictionary for Table REF.PROGRAM

Table REF.PROGRAM		
Attributes	Definition	Data Type
Name<1>	Program Name	String

Table 6. Database Dictionary for Table REF.SOURCE

Table REF.SOURCE		
Attributes	Definition	Data Type
Name<1>	Referral source name	String
Address<2>	Contact Address	String
Phone<3>	Contact Phone	String

Table 7. Database Dictionary for Table Adult Day Health
Care Social Worker

Table ADHCSSW		
Attributes	Definition	Data Type
ID <0>	Referral Id*Assessment Term	String
<1>	Case Manager	String
<2>	Case Manager Name and Information	String - Multivalue
<3>	Other Information	String - Multivalue
<5>	*Diagnosis code	Numeric - Multivalue
<6>	*Presenting psychosocial problem(s)	String - Multivalue
<7>	*Family and Social History	String - Multivalue
<9>	Describe Neighborhood	String - Multivalue
<10>	What is Client's psychical response to Living arrangement	String - Multivalue
<11>	How do living arrangements and immediate environment effect.	String - Multivalue
<12>	Does Client have any Pets	Yes/No
<13>	Is Pet well-Cared for	Yes/No
<14>	If Pet is not Well cared for explain	String - Multivalue
<15>	Physical appearance Of Dwelling	Good/Poor/ disrepair
<16>	Residence Comments	String - Multivalue
<17>	Significant Health Changes or Recent Hospitalization	String - Multivalue
<18>	IHHS Name	String
<19>	IHSS Phone	String
<20>	Mental Status Alertness	Fully alert/ Lethargy/Stupor
<21>	Age	Stated age/Younger/ older
<22>	Dress	String
<23>	Hygiene	String
<24>	Explanation	String - Multivalue
<27>	Physical Activity Explanation	String - Multivalue
<28>	Attitude	String
<29>	Affect	String
<30>	Mood	String
<34>	Hallucinations	Yes/No
<35>	Delusions	Yes/No
<36>	Other	String
<37>	Delusions/Hallucination Explanation	String
<40>	Orientation Person	F/P/D

Attributes	Definition	Data Type
<41>	Orientation Time	F/P/D
<42>	Orientation Place	F/P/D
<43>	Orientation Purpose	F/P/D
<44>	Client is Willing/Unwilling to cooperate with MSQ	Willing/Unwilling
<45>	Client is able/unable to cooperate with MSQ	Able/Unable
<80>	Recent Memory	Intact/Impaired
<81>	Past Memory	Intact/Impaired
<82>	Remote Memory	Intact/Impaired
<83>	Ability to Concentrate	Intact/Impaired
<84>	Attention Span	Intact/Impaired
<85>	Insight	Intact/Impaired
<86>	Judgment	Intact/Impaired
<87>	Intelligence	Intact/Impaired
<88>	Is there any evidence of intent to do harm to self or others	Yes/No
<89>	If yes, Explain intent in detail and list what emergency	String - Multivalue
<90>	Toxic Materials Improperly stored	Yes/No
<91>	Tools, knives Improperly stored	Yes/No
<92>	Stored Comments	String - Multivalue
<95>	Emergency Response System Operable	Operable/Not operable
<96>	Smoke Alarm	Operable/Not operable
<100>	Assessment Date	Date
<101>	Char number	Numeric
<102>	Char Location	Lab ID

Table 8. Database Dictionary for Table Infection Control Management Plan Senior Social Worker

Table ICMPSSW		
Attributes	Definition	Data Type
ID<0>	Referral ID*Assessment Date	String
<1>	Assessment Sequence No.:	Numeric
<2>	Date enrolled in case management	Date
<3>	Date of Care Plan	Date
<4>	Closed Date	Date
<5>	Discontinuance Code	Numeric
<10>	Evidence of Indication of Abuse	Y/N
<11>	Date Reported Abuse	Date
<12>	Description of abuses	String
<15>	Staff Code	Numeric
<18>	Informal support description	String - Multivalued
<22>	Formal support description	String - Multivalued
<23>	Other Information	String
<25>	Memory	None/Some/Severe
<26>	Memory comments	String
<27>	Orientation	None/Some/Severe
<28>	Orientation Comments	String
<29>	Judgment	None/Some/Severe
<30>	Judgments Comments	String
<31>	Anxiety	None/Some/Severe
<32>	Anxiety comments	String
<33>	Combative, Abusive, Hostile Behavior	None/Some/Severe
<34>	Combative, Abusive, Hostile Behavior comments	String
<35>	Depression	None/Some/Severe
<36>	depression comments	String
<37>	Delusions/Hallucinations	None/Some/Severe
<38>	Delusions/Hallucinations comments	String
<39>	Wandering	None/Some/Severe
<40>	Wandering Comments	String
<41>	Paranoid Thinking	None/Some/Severe
<42>	Paranoid Thinking Comments	String
<44>	Suicidal	None/Some/Severe
<45>	Suicidal Comments	String
<46>	Dementia	None/Some/Severe
<47>	Dementia Comments	String
<48>	Other	None/Some/Severe

Attributes	Definition	Data Type
<49>	Other Comments	String
<50>	Adaptive Coping Skills	String
<58>	Has Client Experienced Any Significant Events	String
<59>	Any Problems related to client's Living Arrangement	String
<60>	Residence Dwelling	String
<61>	Any Problems related to client's Residence	String
<62>	Client's Major Health Problems/DX	String
<63>	How Often is Physician Seen	String
<64>	Client's Height Feet	Numeric
<65>	Client's Height Inches	Numeric
<66>	Client's Weight	Numeric
<67>	Measured by	Doctor/Client
<68>	Measured Date	Date
<69>	Lost Weight in the last six month	Numeric
<70>	Gained Weight in the last six month	Numeric
<71>	Has Client Fallen in the last six month	Yes/NO
<72>	Frequency of Falls	Numeric
<73>	Assertive Devices used by Client?	String
<74>	Has Client been hospitalized in the past six months	Yes/NO
<75>	Description for Hospitalization	String
<76>	Has Client been in Nursing Facility in the past six months	String
<77>	Description for staying in nursing facility	String
<85>	Vision	Yes/NO
<86>	Vision Description	String
<87>	Hearing	Yes/NO
<88>	Hearing Description	String
<89>	Speech	Yes/NO
<90>	Speech Description	String
<91>	Dental	Yes/NO
<92>	Dental Description	String
<93>	Swallowing	Yes/NO
<94>	Swallowing Description	String
<95>	Elimination	Yes/NO
<96>	Elimination Description	String
<97>	Feet	Yes/NO

Attributes	Definition	Data Type
<98>	Feet Description	String
<99>	Short Of Breath	Yes/NO
<100>	Short Of Breath Description	String
<101>	Pain	Yes/NO
<102>	Pain Description	String
<103>	Paralysis	Yes/NO
<104>	Paralysis Description	String
<105>	Amputation	Yes/NO
<106>	Amputation Description	String
<107>	Recent Infection	Yes/NO
<108>	Recent Infection description	String
<109>	Allergies	Yes/NO
<110>	Allergies description	String
<111>	Substance Abuse	Yes/NO
<112>	Substance Abuse description	String
<113>	Mental Illness	Yes/NO
<114>	Mental Illness description	String
<120>	Special Diet	Yes/No
<121>	RX	Yes/No
<122>	Type of Diet	String
<150>	Client Description Summary	String
<151>	Health summary	String
<152>	Medications Summary	String
<153>	ADL/IADL Summary	String
<154>	Caregiver Summary	String
<155>	Environmental Safety Summary	String
<156>	Cognitive/Psychological Summary	String
<157>	Social Network Summary	String
<158>	Abuse Summary	String
<159>	Finances Summary	String
<160>	Services Summary	String
<161>	Client Concerns Summary	String
<162>	Indications For Case Management	String
<165>	Medication Date	Date - Multivalued
<166>	Medication associates with 165	String - Multivalued
<167>	Dosage associates with 165	Numeric - Multivalued
<168>	Dosage unit associates with 165	String - Multivalued
<169>	Freq.RX associates with 165	Numeric - Multivalued
<170>	Doctor associates with 165	String - Multivalued
<171>	Covered by Medical associates with 165	Yes/No
<175>	Chart number	Numeric
<176>	Chart Location	Lab ID
<180>	Assessment Date	Date

Table 9. Database Dictionary for Table Multipurpose Senior Service Program Senior Social Worker

Table MSSPSSW		
Attributes	Definition	Data Type
ID	Referral ID*Assessment Date	String
<3>	IHSS Comments	String
<4>	Transportation Comments	String
<5>	Meals Comments	String
<6>	Day Care Comments	String
<7>	Other1 Comments	String
<8>	Other2 Comments	String
<9>	Problem Climbing stairs to enter or leave the house	String
<12>	Description of abuses	String
<15>	Staff Code	Numeric
<18>	Informal support description	String - Multivalue
<22>	Formal support description	String - Multivalue
<23>	Other Information	String
<25>	Memory	None/Some/Severe
<26>	Memory comments	String
<27>	Orientation	None/Some/Severe
<28>	Orientation Comments	String
<29>	Judgment	None/Some/Severe
<30>	Judgments Comments	String
<31>	Anxiety	None/Some/Severe
<32>	Anxiety comments	String
<33>	Combative, Abusive, Hostile Behavior	None/Some/Severe
<34>	Combative, Abusive, Hostile Behavior comments	String
<35>	Depression	None/Some/Severe
<36>	Depression comments	String
<37>	Delusions/Hallucinations	None/Some/Severe
<38>	Delusions/Hallucinations comments	String
<39>	Wandering	None/Some/Severe
<40>	Wandering Comments	String
<41>	Paranoid Thinking	None/Some/Severe
<42>	Paranoid Thinking Comments	String
<44>	Suicidal	None/Some/Severe
<45>	Suicidal Comments	String
<48>	Other	None/Some/Severe
<49>	Other Comments	String
<50>	Adaptive Coping Skills	String

Attributes	Definition	Data Type
<51>	Other Notes	String
<58>	Has Client Experienced Any Significant Events	String
<59>	Describe client's Living Arrangement	String
<60>	Occupational history	String
<61>	Does Client have a conservator/substitute	String
<62>	Who visits the client and how often	String
<63>	How often does client leave the house and where	String
<64>	Is there an apartment manager or neighbor	Yes/NO
<65>	Name of apartment manager or neighbor	String
<66>	Apartment manger/neighbor phone	Numeric
<67>	How is client managing Financially	String
<68>	Who provided assessment information	String
<69>	Reliability	Yes/NO
<70>	Assessment conducted in client's Home	Yes/NO
<71>	If assessment not conduct at home, where	Yes/NO
<150>	Client Description Summary	String
<151>	Health summary	String
<152>	Medications Summary	String
<153>	ADL/IADL Summary	String
<154>	Caregiver Summary	String
<155>	Environmental Safety Summary	String
<156>	Cognitive/Psychological Summary	String
<157>	Social Network Summary	String
<158>	Abuse Summary	String
<159>	Finances Summary	String
<160>	Services Summary	String
<161>	Client Concerns Summary	String
<162>	Indications For Case Management	String
<163>	Problem Identified	String
<170>	Chart Number	Numeric
<171>	Chart Location	Lab ID
<180>	Assessment Date	Date

Table 10. Database Dictionary for Table Program of
All-Inclusive Care for the Elderly Senior Social Worker

Table PACESSW		
Attributes	Definition	Data Type
ID<0>	Referral ID*Assessment Date	String
<1>	Assessment Eval. No	Numeric
<2>	Social Work Name	String
<5>	Diagnosis code	Numeric - Multivalue
<6>	Presenting psychosocial problem(s)	String - Multivalue
<7>	Family and Social History	String - Multivalue
<8>	Psychiatric History	String - Multivalue
<10>	Does Participant have a history of "S" or "H" ideations	Yes/No
<11>	Does he/She Currently have S/I or H/I	Yes/No
<12>	Is there currently a "S" or "H" Plan	Yes/No
<13>	Explanation of "S" or "H" plan	String - Multivalue
<14>	Does Participant currently have means to harm self or others	Yes/No
<15>	Explanations of means to harm self or others	String - Multivalue
<16>	Does participant have a history of "S" or "H" attempts	Yes/No
<17>	Date(s) and reason(s) for "S" or "H" attempts	String - Multivalue
<20>	Mental Status Alertness	Fully alert/ Lethargy/Stupor
<21>	Age	Stated age/Younger/older
<22>	Dress	String - Multivalue
<23>	Hygiene	String - Multivalue
<24>	Has History of "wandering"	Yes/No
<25>	Eye Contact	String - Multivalue
<26>	Physical Activity	String - Multivalue
<27>	Verbal behavior	String - Multivalue
<28>	Attitude	String - Multivalue
<29>	Affect	String - Multivalue
<30>	Mood	String - Multivalue
<32>	Sleep	String - Multivalue
<33>	Appetite	String - Multivalue
<34>	Hallucinations	String - Multivalue
<35>	Delusions	String - Multivalue

Attributes	Definition	Data Type
<36>	Other	String - Multivalued
<40>	Orientation Person	F/P/D
<41>	Orientation Time	F/P/D
<42>	Orientation Place	F/P/D
<43>	Orientation Purpose	F/P/D
<45>	Informal and Formal In-Home supportive services	1/2/3/4
<46>	Self Report of Health Status	1/2/3/4/5
<47>	Satisfaction with program	1/2/3/4
<49>	Informal support (non-household), Employed	Yes/No
<50>	Informal support (non-household), Employed, reduce work hours	Yes/No - Multivalued
<51>	Informal support (non-household), Not employed	Yes/No - Multivalued
<52>	Informal support (non-household), How often. Number of visit	Yes/No - Multivalued
<53>	Informal support (non-household), per week or Month	W/M - Multivalued
<54>	Informal support (non-household), Hours for each visit	Numeric - Multivalued
<55>	Help you personal care	Yes/No - Multivalued
<56>	Meal preparation	Yes/No - Multivalued
<57>	Housework	Yes/No - Multivalued
<58>	Managing money	Yes/No - Multivalued
<59>	Tracking Medication	Yes/No - Multivalued
<60>	Transportation	Yes/No - Multivalued
<64>	Informal support (household), employed	Yes/No - Multivalued
<65>	Informal support (household), Employed, reduce work hours	Yes/No - Multivalued
<66>	Informal support (household), Not employed	Yes/No - Multivalued
<67>	Help you personal care	Yes/No - Multivalued
<68>	Meal preparation	Yes/No - Multivalued
<69>	Housework	Yes/No - Multivalued
<70>	Managing money	Yes/No - Multivalued
<71>	Tracking Medication	Yes/No - Multivalued
<72>	Transportation	Yes/No - Multivalued
<80>	Notes on Cognition	String
<81>	Problem	String
<82>	Treatment Plan	String
<85>	Chart Number	Numeric
<86>	Chart Location	Lab ID
<100>	Assessment Date	Date

CHAPTER THREE
SOFTWARE QUALITY ASSURANCE

3.1 Introduction

In chapter three, the quality of the SHCS System is defined and controlled by defining the techniques, procedures, processes and standards for developing the final prototype. Unit Test Plan and Integration Test Plan are used to check the final prototype for conformance to the functional and performance requirements.

3.2 Unit Test Plan

The Unit Test Plan tests the performance of each module in the SHCS system. A module is a component of the system, which may be defined by a project to be implemented as a procedure, function, class, or program. The Unit Test Plan objective is to ensure that the particular module under test works properly and performs all the desired functions. Interaction between modules and overall system performance is not tested during this phase. The operation of each module function is tested and the results of the tests are summarized in Table 11 and 12.

Table 11. Unit Testing for Senior Health Care System Module

Unit Test	Test Performed	OK
Login	Tested for login into the system	OK
Exit	Tested for releasing all records	OK
Create new Participant account	Tested for valid transaction in creating Participant account in database	OK
View Participant information	Tested for display correct Participant information	OK
Update Participant account	Tested for update existing Participant account in database	OK
Add Referral physician	Tested for valid transaction in creating new physician in database	OK
Update physician Source	Tested for modify existing physician in database	OK
Add Physicians or Specialists	Tested for adding physician's link in participant's record	OK
Update Referral Source	Tested for modify existing source in database	OK
Add Referral Source	Tested for displaying correct drug information on the browser	OK
Add Referral source	Tested for adding source's link in participant's record	OK
Add Referral Program	Tested for adding program's link in participant's record	OK
Update Participant account	Tested for update existing Participant account in database	OK
View Participant information	Tested for display correct Participant information	OK

Table 12. Unit Testing for Social Workers

Unit Test	Test Performed	OK
Login	Tested for login into the system	OK
Access Social Worker Assessment	Tested for accessing to the Assessment screen successfully	OK
Create new Assessment	Tested for valid transaction in creating Assessment in database	OK
View Assessment	Tested for display correct Assessment	OK
Update Assessment	Tested for update existing Assessment in database	OK
View Assessment	Tested for display correct Assessment	OK

3.3 Integration Test Plan

Integration Test Plan verifies that for the final SHCS System Prototype is functioning accordingly to the design as specified in chapter two. Each test is composed of a series of steps. Each step will be executed in sequence. The tester will initial or sign each step as it is completed. If the step is completed successfully, then it will be indicated as such in the test report. The operation of each series of steps is tested and the results of the tests are summarized in Table 13.

Table 13. Integration Test for Users

Unit Test	User Input	Expected Outcome	OK
Create new Participant's account	Click 'New' Button	Warning for searching the existing account, before create a new one.	OK
	Click 'No' to enter a new account	Clear the Participant's form and set focus on Last name field	OK
	Input Participant information	Reflect Participant information	OK
	Click 'Save' prescription information	Clear the Participant's form and set focus on Referral ID field	OK
	Input the Referral ID	Display Participant information	OK
	Input Participant information	Reflect Participant information	OK
	Click 'Save' prescription information	Clear the Participant's form and set focus on Referral ID field	OK
	Input the Referral ID	Display Participant information	OK

3.4 System Test Plan

The system test plan for the final SHCS System Prototype will describe the test scenarios, test conditions and test cycles that must be performed to ensure system testing follows a precise schedule and that the system is thoroughly tested.

Table 14. System Testing

Unit Test	Test performed	OK
Setup the application in different windows version. (98 and 2000)	Testing if the application runs properly in different environment.	OK

CHAPTER FOUR
USERS MANUAL

4.1 Introduction

Included in Chapter Four was a presentation of the user's manual of the project. The manual consists of two parts; one for users who enter general information and the other is for social workers.

4.2 General Users

4.2.1 Login Screen

Users will be shown a login screen, which will require the login name and hidden password. This page will ensure only authorized the user, who can access the SHCS system. Login into the SHCS system will show the participant's general screen

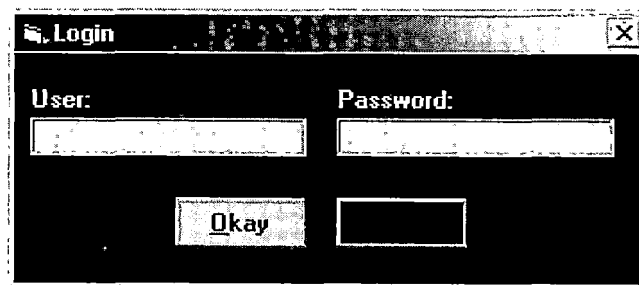


Figure 9. Login Page

4.2.2 The Participant's General Screen

Enter general information for participant, such as address, residency, and financial information.

Alta-Med Central Intake System v1.0.11
File Action Report Social worker Nursing

Candidate General Information

Referral Info
Referral ID# [REDACTED] Intake Date 01/23/2001
New Save Cancel Search *****Status*****
HOLD

Candidate Info
Last Name First Name Middle Name
FLINTSTONE FRED K
Address 1 1 SLATE ROAD
Address 2
City,State,Zip BEDROCK CA -
Phone: (213)555-1212
Residence Type Ownership
House Own
Intake Notes (Problems/Needs)
UNABLE TO BATHE HIMSELF KKKIOK THI SIS A
TEST
LINE 3
LINE 4
LINE 5
LINE 6
LINE 7

General | Contacts | Financials | Referral

Sex
 Male
 Female
 Citizen
 Impaired

Marital Status: M=Married
Ethnicity: W=White, Not Hispanic
Primary Language: UNKNOWN

Date of Birth: 01/01/1900 Intake Age: 103
Social Security Number: - -
Translator: Need Translator
Translation Language: [REDACTED]

Lives With: Lives Alone
Name: MARY FLINTSTONE
Relation: DAUGHTER
#Family: 3

Care Giver
Name: KIT
Address: 900 EMERGENCY WAY
City,St,Zip: EL MONTE CA 91101
Phone: (323)555-1212

Figure 10. General Screen Page

Alta-Med Central Intake System v1.0.11

File Action Report Social worker Nursing

Candidate General Information

Referral Info
 Referral ID# R1
 Intake Date 01/23/2001
 Status HOLD
 Buttons: New, Save, Cancel, Search

Candidate Info
 Last Name: FLINTSTONE, First Name: FRED, Middle Name: K
 Address 1: 1 SLATE ROAD
 Address 2:
 City, State, Zip: BEDROCK CA
 Phone: (213)555-1212
 Residence Type: House, Ownership: Own

Intake Notes (Problems/Needs)
 UNABLE TO BATHE HIMSELF KKKIOK THI SIS A
 TEST
 I'M OK
 LINE 3
 LINE 4
 LINE 5
 LINE 6
 LINE 7

Physician Information
 Primary Physician: Physician ID 2655, Specialty Code 28
 Name: KIT WONG
 Address: 910 EMERGENCY WAY
 City, St, Zip: DIAMOND BAR CA 91105
 Phone: () -
 Buttons: Add, Search

Last Name	Mid Name	First Name	Specialty	Address	City
ABBOY		RAMADAS	99	1700 CESAF	LOS ANI

Buttons: Add, Edit, Delete

Emergency Contact
 Name:
 Address:
 City, St, Zip:
 Phone: () -
 Relation:

Figure 11. Enter Contact Information Screen

Alta-Med Central Intake System v1.0.11

File Action Report Social worker Nursing

Candidate General Information

Referral Info
 Referral ID#
 Intake Date
 Status

Candidate Info
 Last Name First Name Middle Name
 Address 1
 Address 2
 City,State,Zip
 Phone:
 Residence Type Ownership

Intake Notes (Problems/Needs)

 TEST
 I'M OK
 LINE 3
 LINE 4
 LINE 5
 LINE 6
 LINE 7

Financials

Income	Monthly	Annual
Wages/Salary	1000.00	12000.00
Interest/Dividends	900.00	10800.00
Pension	800.00	9600.00
Social Security	700.00	8400.00
SSI	600.00	7200.00
Other Income	500.00	6000.00
Total Income	4500.00	54000.00

Monthly Expenses
 Housing:
 Medical:
 Net Assets Excluding Home:

Medi-Cal Fee For Service
 CIN Number:
 Issue Date: Share of Cost:

Medicare
 Medicare/RRB Number:
 Part A Part B
 Aide Code:
 SSI/SSA Cash
 Veteran

Private Health Insurance
 Company <click to select>:
 RW MENTAL HEALTH
 Policy Number:

Managed Care
 None Commercial
 Medi-Cal Senior
 Company <click to select>:
 Policy Number:

Figure 12. Enter Financial Information Screen

Alta-Med Central Intake System v1.0.11

File Action Report Social worker Nursing

Candidate General Information

Referral Info: Referral ID# R1, Intake Date 01/23/2001, Status HOLD

Candidate Info: Last Name FLINTSTONE, First Name FRED, Middle Name K, Address 1 1 SLATE ROAD, City, State, Zip BEDROCK CA, Phone (213)555-1212, Residence Type House, Ownership Own

How Did Candidate Hear About Us? Source 255, Category 11, Contact RHONDA RANGEL, Address 3333 WILSHIRE, SUITE 400, City, State, Zip LA CA 90010, Phone (213)739-7337, Company AAA

Program(s) Candidate Referred To

Prog ID	Prog Name	Date	Elig	Decl	Date Enr
*ADHCG	ADHC GRAND	07/08/2002	Y	Y	07/08/2002
*ICMP	ICMP	10/24/2002	Y		10/24/2002

Intake Notes (Problems/Needs): UNABLE TO BATHE HIMSELF KKKIOK- THI SIS A TEST I'M OK LINE 3 LINE 4 LINE 5 LINE 6 LINE 7

Edit Options: Add Eligible Enroll Declined Terminate Delete

Figure 13. Health Program Information Screen

4.3 Social Workers

To enter information for social worker assessment, click on Social worker from the main screen. You will see ADHC, ICMP, MSSP and PACE in the drop down list. Select the ADHC, ICMP, MSSP, or PACE program.

Alta-Med Central Intake System v1.0.11

File Action Report Social worker Nursing

Candidate General

Referral Info

Ref: ADHC
MSSP
PACE

Intake Date: 01/23/2001

Status: HOLD

Buttons: New Save Cancel Search

Candidate Info

Last Name: FLINTSTONE First Name: FRED Middle Name: K

Address 1: 1 SLATE ROAD

Address 2:

City, State, Zip: BEDROCK CA

Phone: (213)555-1212

Residence Type: House Ownership: Own

Intake Notes (Problems/Needs)

UNABLE TO BATHE HIMSELF KKKIOK THI SIS A
TEST
I'M OK
LINE 3
LINE 4
LINE 5
LINE 6
LINE 7

General

Sex: Male Female

Marital Status: M-Married

Date of Birth: 01/01/1900 Intake Age: 102

Social Security Number:

Ethnicity: W-White, Not Hispanic

Primary Language: UNKNOWN

Translator: Need Translator Translation Language:

Lives With: Lives Alone

Name: MARY FLINTSTONE
Relation: DAUGHTER
#Family: 3

Care Giver

Name: KIT
Address: 900 EMERGENCY WAY
City, St, Zip: EL MONTE CA 91101
Phone: (323)555-1212

Figure 14. Enter Social Worker Assessment Screen

Select File and the New Assessment to create a new assessment.

ICMP Social Worker

File Action Report

Update

New Assessment

Close

Formal/Informal Support Psychological Function General Health Assessment Summary

Assessment Term:

Client Name: FLINTSTONE K FRED

Assessment Date: / /

Assessment Sequence No.: / /

Staff Code No.: / /

Date Enrolled in Case Management: / /

Date of Care Plan: / /

Closed Date: / /

Discontinuance Code

1 2 3 4 5 6 7 8 9 10

B13 B24 B25 B27

Highest Level of Education

B17

1. No school completed 8. High school Grad-Diploma or Equiv.

2. 1st through 4th Grade

3. 5th through 8th Grade 9. Some College-No Degree

4. 9th Grade 10. Associate Degree

5. 10th Grade 11. Bachelor Degree

6. 11th Grade 12. Master's Degree

7. 12th Grade 13. Other: / /

Monthly Income

B13

1. Under SSI/SSP Level 5. Up to 200% SSI/SSP

2. SSI/SSP 6. Over 200% SSI/SSP

3. Up to 125% of SSI/SSP 7. Over 250% SSI/SSP

4. Up to 150% of SSI/SSP 8. Over 300% of SSI/SSP

Any indications observed of abuse, neglect, or exploitation?

Yes No

If Yes, Date reported: / /

Explain: / /

Figure 15. Enter New Social Worker Assessment Screen

For new assessment, the system will prompt you with a screen to enter assessment date, assessment quarter and assessment year. Enter the information and click Okay.

The screenshot displays the 'Enter New Assessment Date' dialog box within the ICMPS Social Worker application. The dialog box is titled 'New Assessment' and contains the following fields and options:

- Reassessment Date:** A date field containing '10/28/2002'.
- Assessment Term:** A dropdown menu showing '12'.
- Assessment Year:** A dropdown menu showing '02'.
- Buttons:** An 'Okay' button is located at the bottom of the dialog.

The background window, titled 'ICMPS Social Worker', has a menu bar with 'File', 'Action', and 'Report'. It features several tabs: 'General', 'Formal/Informal Support', 'Psychological Function', 'General Health', and 'Assessment Summary'. The 'General' tab is active, showing the following fields:

- Assessment Term:** A dropdown menu.
- Client Name:** A text field containing 'FLINTSTONE K FRED'.
- Assessment Date:** An empty date field.
- Assessment Sequence No.:** An empty text field.
- Staff Code No.:** An empty text field.
- Date Enrolled in Case Management:** An empty date field.
- Date of Care Plan:** An empty date field.
- Closed Date:** An empty date field.
- Discontinuance Code:** Radio buttons for options 1 through 5.
- Monthly Income:** Radio buttons for options 1 through 8.
- Highest Level of Education:** Radio buttons for options 1 through 13.
- abuse, neglect, or**: A text field.

Figure 16. Enter New Assessment Date Screen

To retrieve an old assessment, select the appropriate Assessment Term, which is assessment quarter + year

The screenshot shows the 'ICMP Social Worker' application window with the 'General' tab selected. The interface includes a menu bar (File, Action, Report) and several tabs: General, Formal/Informal Support, Psychological Function, General Health, and Assessment Summary. The 'General' tab contains the following fields and options:

- Assessment Term:** A dropdown menu with '0601' selected.
- Client Name:** A text field with '0901' entered.
- Assessment Date:** A text field with '1201' entered.
- Assessment Sequence No.:** A text field with '0602' entered.
- Staff Code No.:** A text field with '0902' entered.
- Date Enrolled in Case Management:** A date field with '//' entered.
- Date of Care Plan:** A date field with '//' entered.
- Closed Date:** A date field with '//' entered.
- Discontinue Code:** Radio buttons for codes 1 through 10.
- Monthly Income:** Radio buttons for categories B13, 1 (Under SSI/SSP Level), 2 (SSI/SSP), 3 (Up to 125% of SSI/SSP), 4 (Up to 150% of SSI/SSP), 5 (Up to 200% SSI/SSP), 6 (Over 200% SSI/SSP), 7 (Over 250% SSI/SSP), and 8 (Over 300% of SSI/SSP).
- Highest Level of Education:** Radio buttons for levels B17, 1 (No school completed), 2 (1st through 4th Grade), 3 (5th through 8th Grade), 4 (9th Grade), 5 (10th Grade), 6 (11th Grade), 7 (12th Grade), 8 (High school Grad-Diploma or Equiv.), 9 (Some College-No Degree), 10 (Associate Degree), 11 (Bachelor Degree), 12 (Master's Degree), and 13 (Other).
- Any indications observed of abuse, neglect, or exploitation?** Radio buttons for 'Yes' and 'No', with a date field for 'If Yes, Date reported:' set to '//'. Below this is an 'Explain:' text area.

Figure 17. Select An Assessment to Review

Click on each tab to start entering information

ICMP Social Worker
File Action Report

General Formal/Informal Support Psychological Function General Health Assessment Summary

Initial

Assessment Term: 0601

Client Name: FLINTSTONE K FRED

Assessment Date: 07/02/2002 C3

Assessment Sequence No.: 1 C5

Staff Code No.: 1234 B3

Date Enrolled in Case Management: // F24

Date of Care Plan: // N6

Closed Date: // F25

Discontinuance Code: 1 2 3 4 5 6 7 8 9 10 F27

Highest Level of Education

B17

1. No school completed 8. High school Grad-Diploma or Equiv.

2. 1st through 4th Grade

3. 5th through 8th Grade 9. Some College-No Degree

4. 9th Grade 10. Associate Degree

5. 10th Grade 11. Bachelor Degree

6. 11th Grade 12. Master's Degree

7. 12th Grade 13. Other: _____

Monthly Income

B13

1. Under SSI/SSP Level 5. Up to 200% SSI/SSP

2. SSI/SSP 6. Over 200% SSI/SSP

3. Up to 125% of SSI/SSP 7. Over 250% SSI/SSP

4. Up to 150% of SSI/SSP 8. Over 300% of SSI/SSP

Any indications observed of abuse, neglect, or exploitation?

Yes No

If Yes, Date reported: //

Explain: _____

Figure 18. Enter General Tab Information Screen

ICMP Social Worker
File Action Report

General **Formal/Informal Support** Psychological Function General Health Assessment Summary

Describe client's informal support system(direct help, emotional support, friendships, ect.)

Name	Relationship	Describe support Provided, Problems, Quality
Mary	Daughter	mary 7/02
John	Son-in-law	john 7/02
test4	female relativ	

Add Edit Delete

Describe client's formal and other support system(direct help, emotional support, friendships, ect.)

Name	Relationship	Describe support Provided, Problems, Quality
Miss Smith	IHSS Caregri	
Formal, T test1	Other	

Add Edit Delete

Other Information

Figure 19. Formal/Informal Support Information Screen

When click on Add or Edit button for formal / information support, it will pop up another window to allow you enter the detail, click Ok when done.

IMP Social Worker
File Action Report

General **Formal/Informal Support** Psychological Function General Health Assessment Summary

Describe client's informal support system(direct help, emotional support, friendships, ect.) Other Information

Name	Relationship
Mary	Daughter
John	Son-in-law
test4	female relative

Describe client's formal and other friendships, ect.)

Name	Relationship	Describe support Provided, Problems, Quality
Miss Smith	IHSS Caregiver	
Formal, I test	Other	

Edit Informal Support and Effectiveness

Name

Relationship

Describe support provided, Problems, Quality

Figure 20. Enter Formal/Informal Support Information

ICMP Social Worker

File Action Report

General Formal/Informal Support **Psychological Function** General Health Assessment Summary

Evidence of problem:

	Severity	Comment/Describe		Severity	Comment/Describe
Memory	Some	memoty	Combative, Abusive of Hostile Behavior	Some	combative
Orientation	Severe	orientation	Delusion/Hallucinations	Some	delusion
Judgement	Some	judgement	Paranoid Thinking/Suspiciousness	Some	paranoid
Anxiety	Severe	anxiety	Suicidal	Some	12/2002
Depression	None	depression	Dementia	Some	demetia
Wandering	None	wandering	Other	Severe	other
			Adaptive/Coping Skill		adaptive

Has client experienced any significant events or charges in the last year? a year before last year started to stay in nursing house sometimes

Residence

Physical appearance of dwelling: Poor condition

subsidized

Comment: Need clean help

Living arrangements

Paid by IHSS

Spouse

3 75 Hours Child

Emergency response system Other

stay in nursing house 2 months a year

Figure 21. Enter Psychological Function Information

ICMP Social Worker

File Action Report

General Formal/Informal Support Psychological Function **General Health** Assessment Summary

Client's major health problems / DX
short breath

How often is client seen by physician?
once a month

Clients: Height 5'01" Weight 1 Has client lost or gained weight in the last six months?
Lost: 4 Gained

by client or by doctor Date 04/10/2002

Has client fallen in the last six months? Yes No Frequency of falls 2 Assistive devices used by client? wheel chair

Has client been hospitalized in the past six(6) months? Yes No Describe: need breath treatment

Has client been in a nursing facility in the past six(6) months? Yes No Describe: need 24-hr observe

Does the client have problems in any of the following area that prevent doing activities?

Vision <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No: cannot see things clearly	Pain <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: pain
Hearing <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: hearing	Paralysis <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: paralysis
Speech <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: speech	Amputation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: amputation
Dental <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: dental	Recent Infection <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: recent infection
Swallowing <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: swallowing	Allergies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: allergies
Elimination <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: elimination	Substance Abuse <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: substance abuse
Feet <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: feet	Mental Illness <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: mental
Short of breath <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No: short of breath	

RX? Yes No Special diet? Yes No Type of diet? getting weight program

Figure 22. Enter General Health Information

Click on Action to enter 'Needs Assessment',
'Linkages Assessment' and 'Questionnaire'.

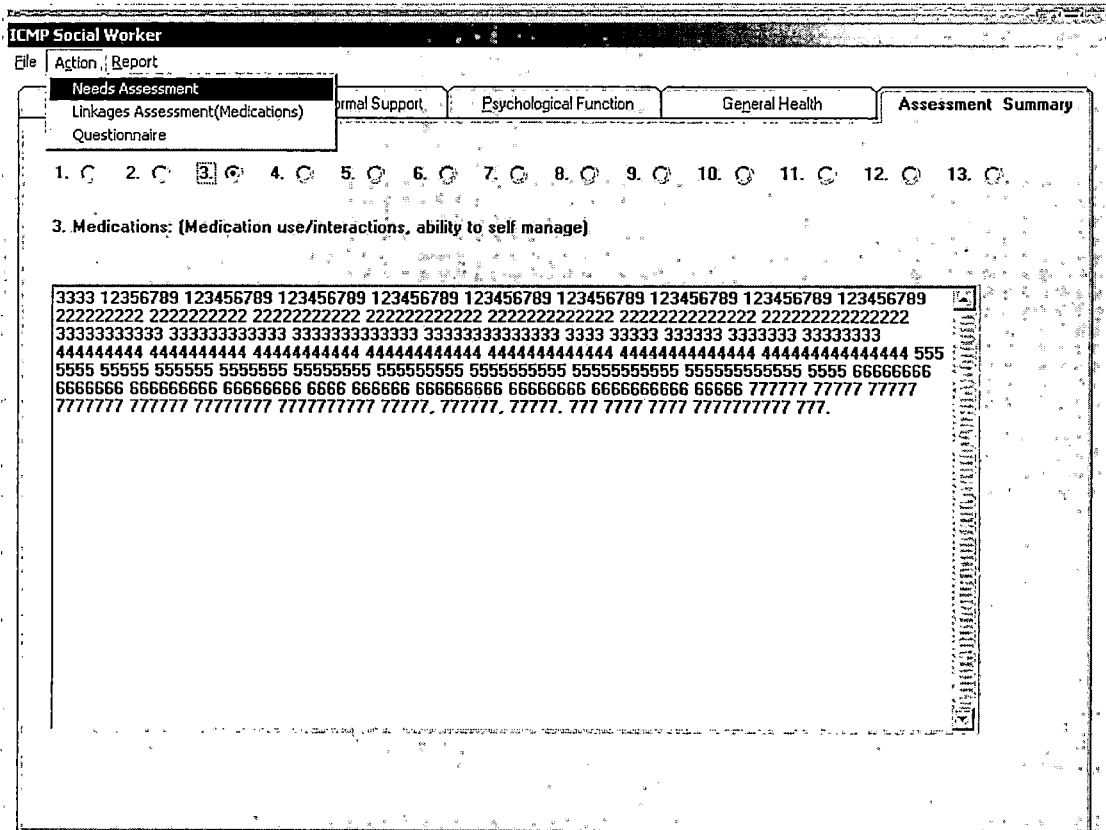


Figure 23. Access Need Assessment Screen

When click on Needs Assessment, it will pop up the ADL and Daily Living (IADL) assessment screens.

Safe Functioning Level and Current Help		
Activities of Daily Living (ADL) *	Current Help [ADL] *	Comments
Eating	Independent (No Difficult)	<input type="checkbox"/> Device eating
Dressing	Independent (Very Difficult)	<input type="checkbox"/> Device dressing
Transfer	Independent (Very Difficult)	<input type="checkbox"/> Device transfer
Bathing	Independent (Very Difficult)	<input type="checkbox"/> Device bathing
Toileting	Independent (No Difficult)	<input checked="" type="checkbox"/> Formal Help toileting
Grooming	Independent (Very Difficult)	<input checked="" type="checkbox"/> Informal Help grooming
Instrumental Activities of Daily Living (IADL) *	Current Help [IADL] *	Comments
Medications	Verbal Assistance	<input checked="" type="checkbox"/> Informal Help medication
Stair Climbing	Lots of Human Help	<input checked="" type="checkbox"/> Formal Help stair climbing
Mobility Indoor	Verbal Assistance	<input checked="" type="checkbox"/> Informal Help movility indoor
Mobility Outdoor	Verbal Assistance	<input checked="" type="checkbox"/> Needs(more) Help mobility outdoor
Housework	Independent (Some Difficult)	<input checked="" type="checkbox"/> No Help housework
Laundry	Independent (Very Difficult)	<input checked="" type="checkbox"/> No Help laundry
Shopping and Errands	Independent (Very Difficult)	<input checked="" type="checkbox"/> No Help shooping
Meal Prep and Cleanup	Independent (Very Difficult)	<input checked="" type="checkbox"/> Formal Help meal prep and cleanup
Transportation	Independent (Some Difficult)	<input checked="" type="checkbox"/> Formal Help transpotation
Telephone	Some Human Help	<input checked="" type="checkbox"/> Formal Help telephone
Money Management	Dependent	<input checked="" type="checkbox"/> Formal Help money management
<input type="button" value="Needed Equipment"/> <input type="button" value="Environmental Safety"/> <input type="button" value="Close"/> <input type="button" value="Print Form"/>		

Figure 24. Activities of Daily Living / Instrumental Activities of Daily Living Screen

Click the 'Needed Equipment' button from the ADL and IADL assessment screen.

Safe Functioning Level and Current Help		Current Help [ADL] *		Comments		
Activities of Daily Living (ADL) *	Equipment :	Has	Needs	Equipment :	Has	Needs
Eating	Needed Equipment					
Dressing	Check any needed or had equipment					
Transfer	Tub	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GU Aides	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	Shower	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shower chair	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	Handheld Shower	<input type="checkbox"/>	<input type="checkbox"/>	Shower chair with back	<input type="checkbox"/>	<input type="checkbox"/>
Grooming	Bath Bench / Chair	<input type="checkbox"/>	<input type="checkbox"/>	Glasses	<input type="checkbox"/>	<input type="checkbox"/>
Instrumental Activities	Smoke Alarm	<input type="checkbox"/>	<input type="checkbox"/>	Hearing Aid	<input type="checkbox"/>	<input type="checkbox"/>
	Emergency Alarm Unit	<input type="checkbox"/>	<input type="checkbox"/>	Dentures	<input type="checkbox"/>	<input type="checkbox"/>
Medications	Grab Bar / Toilet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Grab bars 12"	<input type="checkbox"/>	<input type="checkbox"/>
Stair Climbing	Grab Bar / Shower	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Grab bars 18"	<input type="checkbox"/>	<input type="checkbox"/>
	Grab Bar / Tub	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cane	<input type="checkbox"/>	<input type="checkbox"/>
Mobility Indoor	Raised Toilet Seat	<input type="checkbox"/>	<input type="checkbox"/>	Raised Toilet Seat with arm	<input type="checkbox"/>	<input type="checkbox"/>
Mobility Outdoor	Bedside Commode	<input type="checkbox"/>	<input type="checkbox"/>	Walker	<input type="checkbox"/>	<input type="checkbox"/>
	Incontinence Supplies	<input type="checkbox"/>	<input type="checkbox"/>	Wheelchair	<input type="checkbox"/>	<input type="checkbox"/>
Housework	Toilet safety frame	<input type="checkbox"/>	<input type="checkbox"/>	Brace	<input type="checkbox"/>	<input type="checkbox"/>
Laundry	Tub Transfer bench	<input type="checkbox"/>	<input type="checkbox"/>	Prosthesis	<input type="checkbox"/>	<input type="checkbox"/>
Shopping and Errands	Tub rail	<input type="checkbox"/>	<input type="checkbox"/>	Shower Hose	<input type="checkbox"/>	<input type="checkbox"/>
Meal Prep and Clean	Describe/comments:					
Transportation	icmp equipment comments					
Telephone						
Money Management						
<input type="button" value="Close"/>						
<input type="button" value="Needed Equipment"/>		<input type="button" value="Environmental Safety"/>		<input type="button" value="Close"/>		<input type="button" value="Print Form"/>

Figure 25. Needed Equipment Screen

Click the 'Environment Safety' button from the ADL and IADL assessment screen, complete the screen.

The screenshot shows a software interface for assessing environmental safety. At the top, the title is "Safe Functioning Level and Current Help". Below this, there are two dropdown menus: "Activities of Daily Living (ADL)" set to "Independent (No Difficult)" and "Current Help [ADL]" set to "Device" and "eating". A "Comments" field is also present. The main area is titled "Environmental Safety" and contains a checklist of 11 items, each with a checkbox. The items are: Loose rugs, Electrical cords, Cluttered house, Unclean house, Inadequate kitchen facilities, Inadequate bathroom facilities, Inadequate heating, Inadequate cooling, Phone Accessibility, Unsafe stairs, Barred windows, Vermin/Rodent infestation, Inadequate Food Supply, Inadequate Clothing Supply, Structural damage, Plumbing, and Other. The checkboxes for "Vermin/Rodent infestation", "Inadequate Food Supply", and "Inadequate Clothing Supply" are checked. Below the checklist is a "Comments" field with the text "icmp environmental safety commends" and a "Close" button. At the bottom of the screen, there are four buttons: "Needed Equipment", "Environmental Safety", "Close", and "Print Form".

Figure 26. Environment Safety Screen

ICMP St. Linkages Initial Assessment

File Ac

Medications Add Edit Delete Print ICMP# 1

(Including non-prescription medications and vitamins/minerals)

Client Name: FLINTSTONE, FRED

Date	Medication	Dosage	#Freq.RX	Doctor	Med
04/02/2001	Vit C. and Vit B.	250 ml.	1	Dr. Wong	N
04/05/2001	Aleve	220 mg.	2	Dr. Willson	Y
06/01/2001	Diprolene AF	5 mg	2	Dr. Ling	Y

(optional) Sent for Review to Doctor(s): Date: 07/02/2002

Figure 27. Linkage Assessment Screen

When you click on add or edit button for medication, it will pop up another window to allow you enter the detail. Click the Ok button when done.

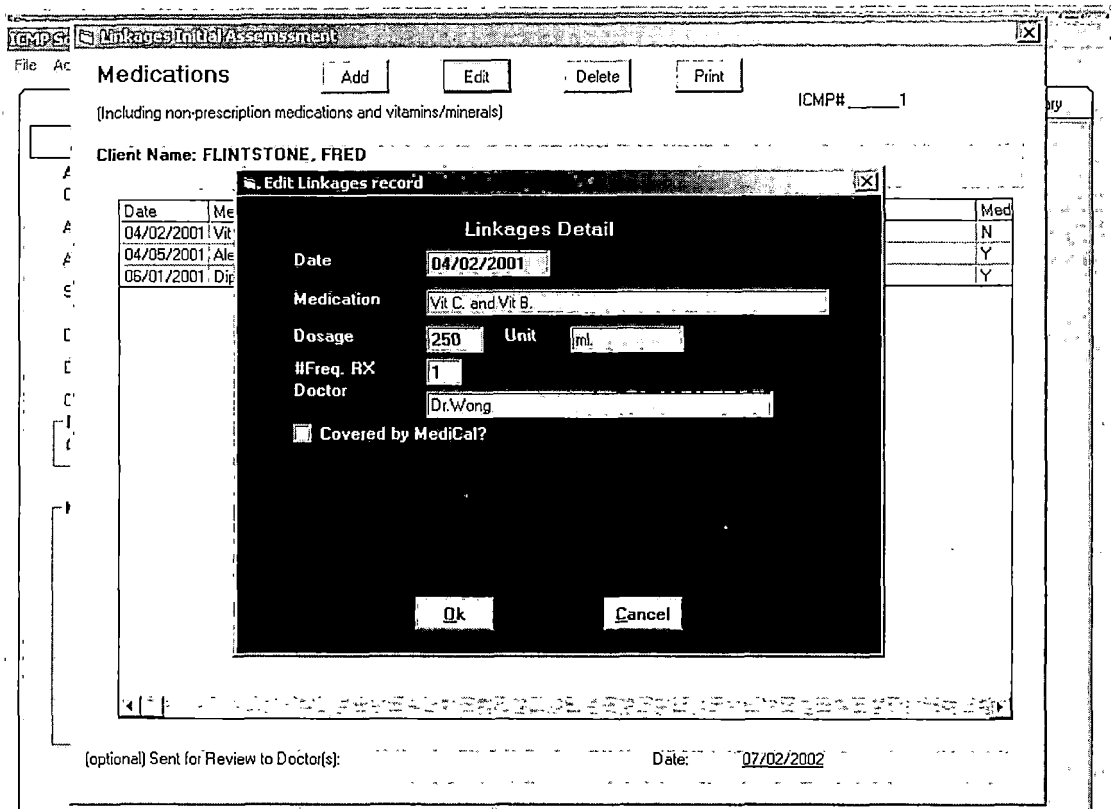


Figure 28. Linkage Detail Screen

When you click the delete button and highlight an item, it will pop up another window to confirm the deletion. Click the Yes button to delete the item

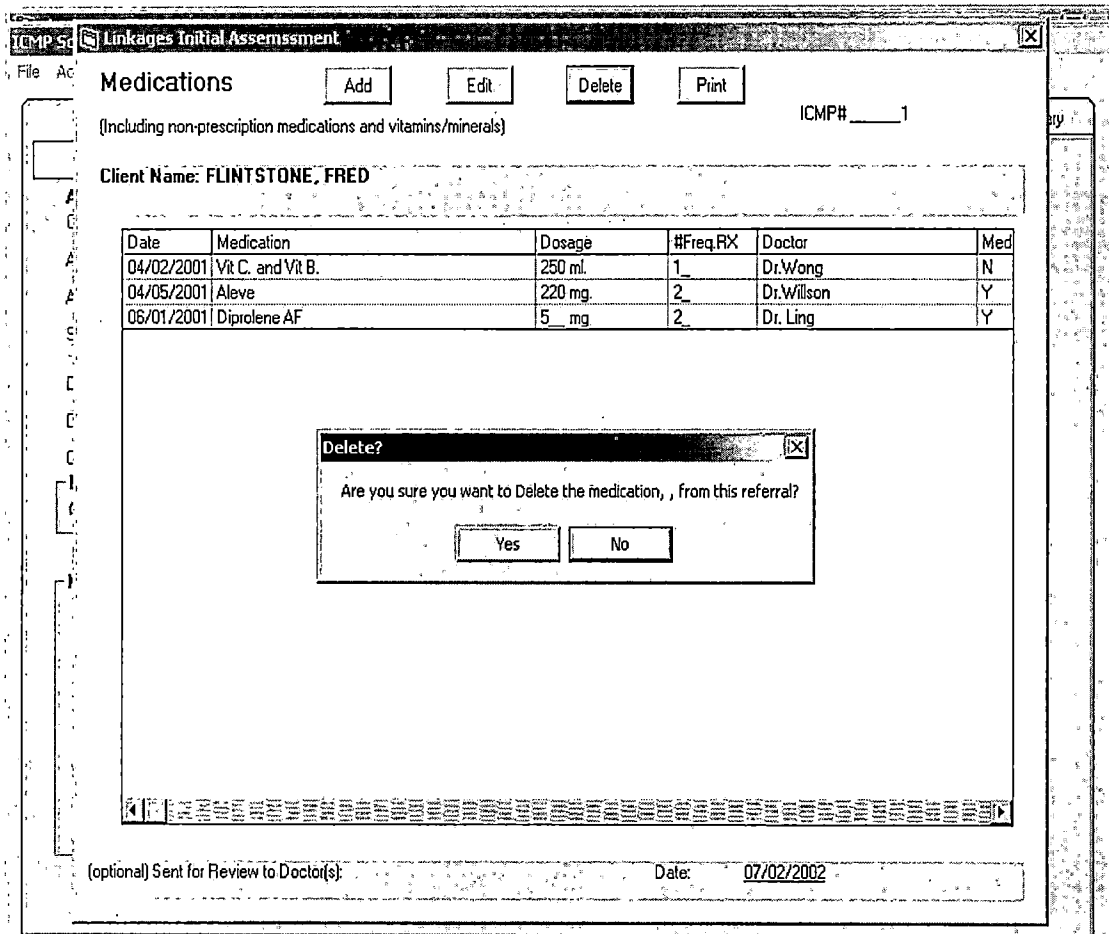


Figure 29. Delete Linkage Detail Screen

Questionnaire - Check the appropriate box. Click on Total Score to have the system calculate the score for you. Click the Print button to print the form or the Close button to exit.

Mini-mental State

File Action

Mini-Mental Status Questionnaire

Maximum Score	Date		Score	
	04/10/2001	04/25/2001		
5	3	4		<input type="checkbox"/>
5	2	2		<input type="checkbox"/>
3	3	3		<input type="checkbox"/>
5	3	3		<input type="checkbox"/>
3	2	2		<input type="checkbox"/>
2	1	1		<input type="checkbox"/>
1	1	1		<input type="checkbox"/>
1	0	1		<input type="checkbox"/>
1	0	1		<input type="checkbox"/>
	18	21		0

Summary

ORIENTATION
 What is the (year)(season)(date)(day)(month)?
 Where are we (state)(county)(town or city)(hospital)(floor)?

REGISTRATION
 Name 3 common objects (eg, "apple", "table", "penny").
 Take 1 second to say each. Then ask the patient to repeat all 3 after you have said them. Give 1 point for each correct answer. Then repeat them until he/she learns all 3. Count trials and record.

ATTENTION AND CALCULATION
 Spell "world" backwards. The score is the number of letters in correct order (D _ L _ R _ O _ W _).

RECALL
 Ask for the 3 objects repeated above. Give 1 point for each correct answer. (Note: Recall cannot be tested if all 3 objects were not remembered during registration.)

LANGUAGE
 Naming a "pencil" and "watch."
 Repeat the following: "No ifs, ands or buts."
 Follow a 3-stage command.
 "Take a paper in your right hand, fold it in half and put it on the floor."
 Read and obey the following:
 Close your eyes.
 Write a sentence.
 Copy the following design:

Level of Consciousness:
 Alert Drowsy Stupor Coma

Total Score

Figure 30. Questionnaire Screen

When users are ready, they can go to the Assessment Summary tab. After they click on each number to display the question, users can start entering free text for each question. When users click the Summary section, the SHCS system will automatically generate a summary. Users can review, modify, and save the summary.

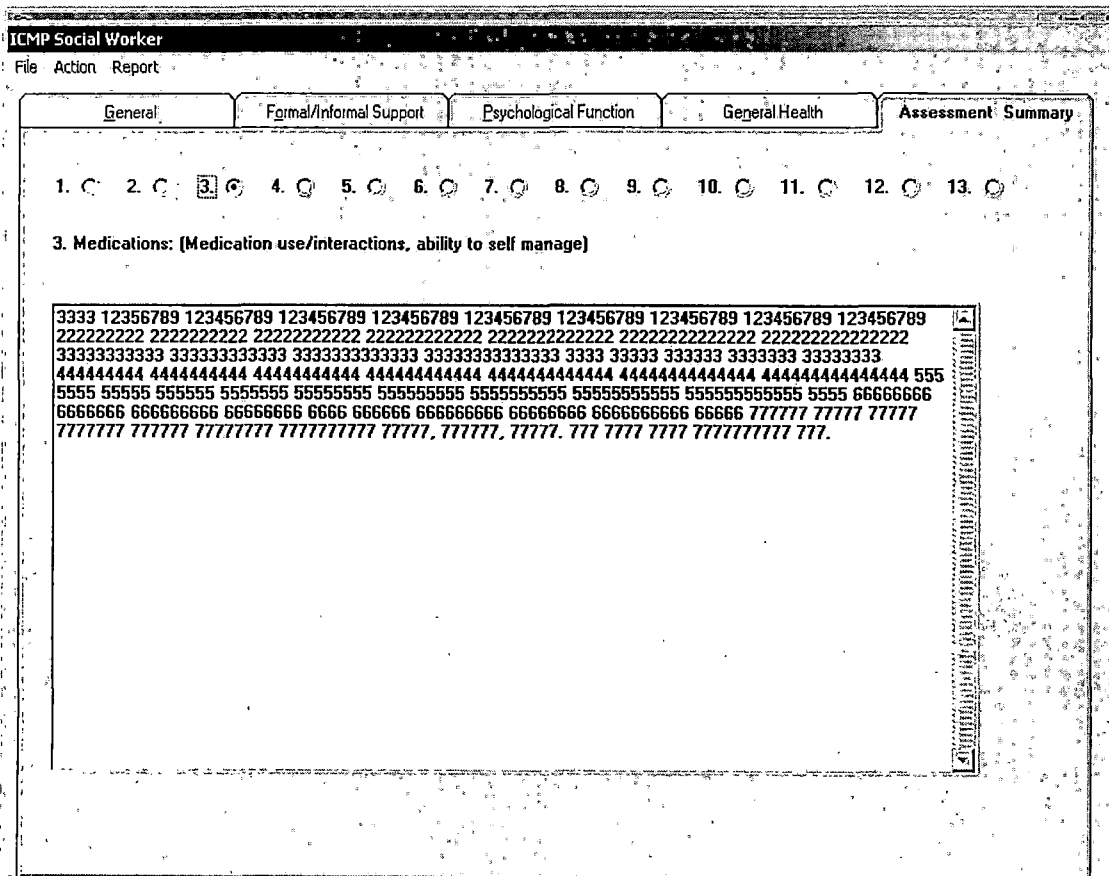


Figure 31. Assessment Summary Screen

When all entry is done, select File option and select Update to save the work

ICMP Social Worker

File Action Report

Update
New Assessment
Close

Formal/Informal Support Psychological Function General Health Assessment Summary

Assessment Term: 0601

Client Name: FLINTSTONE K FRED

Assessment Date: 07/02/2002

Assessment Sequence No.: 1

Staff Code No.: 1234

Date Enrolled in Case Management: //

Date of Care Plan: //

Closed Date: //

Discontinue Code

1 2 3 4 5 6 7 8 9 10

Monthly Income

B13

1. Under SSI/SSP Level 5. Up to 200% SSI/SSP

2. SSI/SSP 6. Over 200% SSI/SSP

3. Up to 125% of SSI/SSP 7. Over 250% SSI/SSP

4. Up to 150% of SSI/SSP 8. Over 300% of SSI/SSP

Highest Level of Education

B17

1. No school completed 8. High school Grad-Diploma or Equiv.

2. 1st through 4th Grade

3. 5th through 8th Grade 9. Some College-No Degree

4. 9th Grade 10. Associate Degree

5. 10th Grade 11. Bachelor Degree

6. 11th Grade 12. Master's Degree

7. 12th Grade 13. Other:

Any indications observed of abuse, neglect, or exploitation?

Yes No

If Yes, Date reported: //

Explain:

Figure 32. Save Assessment Screen

The Report option will allow you print an individual form. The Print All Report option will print all forms.

ICMP Social Worker

File Action Report

Report

- Cover Sheet
- General
- Formal / Informal support
- Psychological Functioning
- General Health
- Assessment Summary
- Print all ICMP Report

Formal Support Psychological Function General Health Assessment Summary

Client: NAME K FRED

Asses: Psychological Functioning

Asses: General Health

Asses: Assessment Summary

Asses: Print all ICMP Report

Assessment Sequence No.: 1

Staff Code No.: 1234

Date Enrolled in Case Management: //

Date of Care Plan: //

Closed Date: //

Discontinuance Code

1 2 3 4 5 6 7 8 9 10

Monthly Income

B13

1. Under SSI/SSP Level 5. Up to 200% SSI/SSP

2. SSI/SSP 6. Over 200% SSI/SSP

3. Up to 125% of SSI/SSP 7. Over 250% SSI/SSP

4. Up to 150% of SSI/SSP 8. Over 300% of SSI/SSP

Highest Level of Education

B17

1. No school completed 8. High school Grad-Diploma or Equiv.

2. 1st through 4th Grade

3. 5th through 8th Grade 9. Some College-No Degree

4. 9th Grade 10. Associate Degree

5. 10th Grade 11. Bachelor Degree

6. 11th Grade 12. Master's Degree

7. 12th Grade 13. Other:

Any indications observed of abuse, neglect, or exploitation?

Yes No

If Yes, Date reported: //

Explain:

Figure 33. Assessment Report Screen

CHAPTER FIVE

CONCLUSIONS

5.1 Summary

The Senior Health Care System brings the health assessment documents to the computerized world. It stores information in a central database and computerizes all reports in an electronic format. It helps staff to share participants' information and health condition and provide a better service to participants in the same facility. The participant's module of the SHCS collects all the participants' general and shared information which enables the staff in the same facility accessing participants' information. On the other hand, time can be better spent with their participants instead of wasting time digging for participants' records in a packed medical records room. The Social Worker's module allows social workers to enter their reviews and medical conditions, which may automate the summary session for users by checking most health conditions, such as depression or mental problems. In addition, this system saves social workers' time by automating summaries. They do not need to struggle writing summaries by going through all the paper documents. The

SHCS applies the computerized information to the medical assessment world.

5.2 Concluding Remarks

Senior Health Care System (SHCS) offers a more efficient and easier way for users to process their necessary government assessment documents. The SHCS increases clinical effectiveness and, ultimately, quality of care. The reports produced by SHCS make it easy to track not only participants' general but also health information. It improves the quality and availability of information, making the job of staff easier and their work more effective. The completion of the SHCS will help staff build good care plans for participants by collecting all the information in one piece which includes all the data from social workers, nurses, physicians, physical therapists, speech therapists, nutritionists, and psychosocial. Staff can review opinions from all areas at the same time and make a complete care plan for an individual participant.

Further down the track, SHCS can go wireless. For the staff who need to visit participants in their homes, a laptop can be utilized to achieve remote access purposes

instead of bringing the paper work back and forth from home to office to re-enter into the system.

The current version of Universe does not yet support the Internet platform. In the future, some clinics may get Internet supported database. Then this project can significantly help all the staff to finish their jobs more efficiently and easily. However, the security parts of the Internet medical application are very sensitive subjects. The HIPAA laws are very strict on transferring participants' private information with Internet applications. They must encrypt the data and prevent anyone from accessing critical information. In the future, modern technology will be increasingly used in the medical field. It will contribute to our obtaining better medical services.

APPENDIX A
SAMPLE ASSESSMENT FORM

**ADULT DAY HEALTH CARE
 INDIVIDUAL PLAN OF CARE**

Participant Name: XXXXXX, XXX XXXX

Center Name XXXXXXXX ADHC

TAR Sequence Number: 7

Provider Number: XXXXXXXXXX

TAR Dates of Service: From: 12/01/02 To: 06/01/03

Date of Admission: 06/18/02

Request: x/wk

Service (mandatory completion; write NA across the row if not applicable)	Problems	Treatments/Interventions (include frequencies)		Objectives/Desired Outcomes
		Individual	Group	
Medical/ Nursing				
Personal Care				

**ADULT DAY HEALTH CARE
 INDIVIDUAL PLAN OF CARE**

Participant Name: XXXXXX, XXX XXXX

Center Name: XXXXXXXXX ADHC

TAR Sequence Number: 7

Provider Number: XXXXXXXXXX

Service <small>(mandatory completion; write NA across the row if not applicable)</small>	Problems	Treatments/Interventions <small>(include frequencies)</small>		Objectives/Desired Outcomes
		Individual	Group	
Social Services				
Activity Program				
Nutrition/ Diet <input type="radio"/> Regular <input type="radio"/> Special <input type="radio"/> GT Feeds				

ADULT DAY HEALTH CARE
INDIVIDUAL PLAN OF CARE

Participant Name: XXXXX, XXX XXXX

Center Name: XXXXXXXXX ADHC

TAR Sequence Number: 7

Provider Number: XXXXXXXXXX

Service (mandatory completion; write NA across the row if not applicable)	Problems	Treatments/Interventions (include frequencies)		Objectives/Desired Outcomes
		Individual	Group	
Physical Therapy	1.	1-1 HP,CP ~prn	1- Please see Maintenance Program	1-1
PT Maintenance Supervised by: O PT O RN <input type="checkbox"/> Both	1. Please see P.T.problems #	N/A	1-1 Maintenance Program to include: ROM/Balance Ex's and Strengthening/Conditioning Ex's ~4xwk	1-1 Please see P.T. goals #
Occupational Therapy				
OT Maintenance Supervised by: O OT O RN O Both				
Speech Therapy	N/A			
Psychiatric/ Psychological Therapy	N/A			

Summary of Progress on Goals from Previous TAR Period (if goals were partially met or not met, explain)	Medical/Nursing: O met O partially met O not met O no previous goal
	Personal Care: O met O partially met O not met O no previous goal
	Social Services: O met O partially met O not met O no previous goal

ADULT DAY HEALTH CARE
INDIVIDUAL PLAN OF CARE

Participant Name: XXXXX, XXX XXXX

Center Name: XXXXXXXXX ADHC

TAR Sequence Number: 7

Provider Number: XXXXXXXXXX

Summary of Progress on Goals from Previous TAR Period (cont)	Activity Program: <input type="radio"/> met <input type="radio"/> partially met <input type="radio"/> not met <input type="radio"/> no previous goal		
	Nutrition/Diet: <input type="radio"/> met <input type="radio"/> partially met <input type="radio"/> not met <input type="radio"/> no previous goal		
	Physical Therapy: <input type="radio"/> met <input type="radio"/> partially met <input type="radio"/> not met <input type="checkbox"/> no previous goal		
	Will address pain w/ heat and or cold therapy~prn		
	PT Maintenance: <input type="radio"/> met <input type="checkbox"/> partially met <input type="radio"/> not met <input type="radio"/> no previous goal		
	Occupational Therapy: <input type="radio"/> met <input type="radio"/> partially met <input type="radio"/> not met <input type="radio"/> no previous goal		
	OT Maintenance: <input type="radio"/> met <input type="radio"/> partially met <input type="radio"/> not met <input type="radio"/> no previous goal		
	Speech Therapy: <input type="radio"/> met <input type="radio"/> partially met <input type="radio"/> not met <input type="radio"/> no previous goal		
Psychological Therapy: <input type="radio"/> met <input type="radio"/> partially met <input type="radio"/> not met <input type="radio"/> no previous goal			
Signatures of the Multidisciplinary Team (per Section 14529, W&I Code, and Title 22, CCR, Section 54211) "Services will be provided as scheduled unless otherwise noted in the participant's health record"			Diagnoses and ICD-9-CM Codes* (enter all that apply)
			Primary:
Printed Name	Signature	Date	Secondary:
Zhao-Yang Pan		MD	
		RN	
		SW	
Beth Chapman		PT	
		OT	
		AC	
		RD	
			IB Clearance Date (initial TAR only): (must be within 1 year previous to enrollment in ADHC)
Program Director			<input type="radio"/> Initial <input type="checkbox"/> Reauthorization <input type="radio"/> authorization by referring MD in participant's medical record
Nancy Crowley			Department Use Only: Level of Care <input type="radio"/> Current: _____ (LOC) <input type="radio"/> At Risk: _____ (LOC)
* All participants with a primary or secondary diagnosis of mental illness, pursuant to Title 9, Section 1830.205, as an included diagnosis for County Mental			
Health shall be provided information regarding availability of referral unless the center believes that a referral is not appropriate or referral has occurred prior to this			
TAR period. The ADHC center shall refer those participants that give consent for such referral.			
<input type="radio"/> excluded diagnosis <input type="radio"/> referral made <input type="radio"/> participant/family declined referral <input type="radio"/> currently being served by County MH			
<input type="radio"/> referral not made (state reason) _____			

ADULT DAY HEALTH CARE
INDIVIDUAL PLAN OF CARE

Participant Name: XXXXX, XXX XXXX

Center Name: XXXXXXXX ADHC

TAR Sequence Number: 7

Provider Number: XXXXXXXXXX

Additional Information					
(as appropriate to the individual participant and to the best knowledge of the ADHC center)					
Item	Explanation				
Primary Physician/ Psychiatrist (1)	Name	Address	Phone		
Medications (list all medications taken by participant, prescription) (2)**	A.	G.			
	B.	H.			
	C.	I.			
	D.	J.			
	E.	K.			
	F.	O no medications			
Attendance Pattern (previous TAR period (3)	Compared to number of approved days/week: First date of service: _____ Last date of service: O regular attendance (attended 80% or better) O irregular attendance (attended less if irregular or if change in approved schedule, than 80%) explain:				
Hospitalization (acute medical or psychiatric) and Emergency Room Visits (within previous TAR period) (4)	Approx. Date(s) and Length of stay	Reason	O no hospitalization in previous TAR period		
Activities of Daily Living (check one box per line; if dependent, explain in medical history box) (5)**	Eating:	O independent	O needs supervision	O needs assistance	O dependent
	Dressing/grooming:	O independent	O needs supervision	O needs assistance	O dependent
	Bathing:	O independent	O needs supervision	O needs assistance	O dependent
	Transferring:	O independent	O needs supervision	O needs assistance	O dependent
	Walking/mobility:	O independent	O needs supervision	O needs assistance	O dependent
	Toileting:	O independent	O needs supervision	O needs assistance	O dependent
Current Assistive Equipment (check all that apply) (6)**	O none O wheelchair O walker O crutches O cane O AAC device dentures				
	O orthosis/prosthesis _____ O other _____				
	O hearing aid	hearing w/out assistive device:	O good	O fair	O poor
O glasses	vision w/out assistive device:	O good	O fair	O poor	O unknown
Living Arrangements (7)**	O lives alone O lives with family O lives in board & care* O lives in ICF/DD-H				
	O lives alone but has intermittent care giver O other (specify) _____				
Transportation to and from ADHC (check all that apply) (8)**	O contracted transportation O family provides O public transportation O drives own car				
	O walks O ADHC center van O other (specify) _____				
* "Board and care" means Adult Residential Care or Residential Care for the Elderly as licensed by Community Care Licensing.					
** These boxes are mandatory for completion on the initial TAR; all boxes must be completed on all subsequent TARs.					

ADULT DAY HEALTH CARE
INDIVIDUAL PLAN OF CARE

Participant Name: XXXXXX, XXX XXXX

Center Name: XXXXXXXXX ADHC

TAR Sequence Number: 7

Provider Number: XXXXXXXXXX

-----Additional Information-----	
(as appropriate to the individual participant and to the best knowledge of the ADHC center)	
Item	Explanation
Psychosocial Risk Factors (check all that apply) (9) **	<input type="radio"/> none <input type="radio"/> participant or family unable to cope with problems associated with the participant's disability <input type="radio"/> participant lacks appropriate peer group membership for social support <input type="radio"/> confusion: <input type="radio"/> mild <input type="radio"/> moderate <input type="radio"/> severe <input type="radio"/> other: _____
Summary of Medical History and Overall Medical Condition (not covered in above) (10) **	

**These boxes are mandatory for completion on the initial TAR; all boxes must be completed on all subsequent TARs.

APPENDIX B
SAMPLE ASSESSMENT FORM FROM SENIOR
HEALTH CARE SYSTEM

GENERAL INFORMATION (ICMP)

Client Name: FLINTSTONE K FRED

Assessment Date: 04/10/2001

C3

Assessment Sequence No: 1

C5

Date Enrolled in Case Management: 03/15/2001

F24

Date of Care Plan: 04/15/2001

N6

Closed Date: / /

F25

Discontinuance Code: 1 2 3 4 5 6 7 8 9 10 F27

Highest Level of Education:(Use table Below to determine level) B17

- | | | |
|--------------------------|---------------------------------------|---------------------|
| 1. No school completed | 6. 11th Grade | 11. Bachelor Degree |
| 2. 1st through 4th Grade | 7. 12th Grade | 12. Master's Degree |
| 3. 5th through 8th Grade | 8. High School Grad-Diploma or Equiv. | 13. Other: |
| 4. 9th Grade | 9. Some College-No Degree | |
| 5. 10th Grade | 10. Associate Degree | |

Monthly Income: Client Income Only B13

- | | |
|--------------------------|--------------------------|
| 1. Under SSI/SSP Level | 5. Up to 200% of SSI/SSP |
| 2. SSI/SSP | 6. Over 200% of SSI/SSP |
| 3. Up to 125% of SSI/SSP | 7. Over 250% of SSI/SSP |
| 4. Up to 150% of SSI/SSP | 8. Over 300% of SSI/SSP |

FOR SITE USE ONLY:

Evidence or Indication of Abuse,Neglect, or Exploitation? YES 2.) NO

If Yes, Date Reported: 12/31/2001

Explain:

NEGLECT

Staff Code No: 233 B3

FORMAL/INFORMAL SUPPORT

Informal and /or formal Support:

	<u>Name</u>	<u>Relationship</u>
Informal:	<u>Mary</u>	<u>Daughter</u>
	<u>John</u>	<u>Son-in-law</u>
	<u>test4</u>	<u>female relative</u>
Formal:	<u>Miss Smith</u>	<u>IHSS Caregiver</u>
	<u>Formal, T tes1</u>	<u>Other</u>

Informal Support and Effectiveness:

money mangement
personal care
test4

Formal Support and Effectiveness:

prepare dinner
clean house

Other Information:

try other info
others

GENERAL HEALTH (ICMP)

Client's Major Health Problems/DX:
short breath

How Often Is Physician Seen ? once a month

Clients: Height 5'01" Weight 1 lb. Date: 04/10/2002
Has Client Lost or Gained Weight in the Last Six Months? Lost 4 lb. Gained
Has Client Fallen in the Last Six Months? Yes No
Assistive Devices Used by Client? wheel chair
Has Client Been Hospitalized in the Past Six(6) Months? Yes No
Describe: need breath treatment

Has Client Been in a Nursing Facility in the Past Six(6) Months? Yes No
Describe: need 24-hr observe

Does The Client Have Problems In Any of The Following Areas That Prevent Doing Activities?

Vision	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>cannot see things clearly</u>
Hearing	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>hearing</u>
Speech	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>speech</u>
Dental	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>dental</u>
Swallowing	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>swallowing</u>
Elimination	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>elimination</u>
Feet	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>feet</u>
Short of Breath	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>short of breath</u>
Pain	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>pain</u>
Paralysis	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>paralysis</u>
Amputation	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>amputation</u>
Recent Infection	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>recent infection</u>
Allergies	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>allergies</u>
Substance Abuse	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>substance abuse</u>
Mental illness	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>mental</u>

Special Diet? Y N RX? Yes No
Type of diet? getting weight program

GENERAL HEALTH (ICMP)

Client's Major Health Problems/DX:
short breath

How Often Is Physician Seen ? once a month

Clients: Height 5'01" Weight 1 lb. Date: 04/10/2002
Has Client Lost or Gained Weight in the Last Six Months? Lost 4 lb. Gained
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Hearing	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>hearing</u>
Speech	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>speech</u>
Dental	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>dental</u>
Swallowing	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>swallowing</u>
Elimination	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>elimination</u>
Feet	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>feet</u>
Short of Breath	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>short of breath</u>
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Paralysis	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>paralysis</u>
Amputation	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>amputation</u>
Recent Infection	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>recent infection</u>
Allergies	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>allergies</u>
Substance Abuse	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>substance abuse</u>
Mental illness	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<u>mental</u>

Special Diet? Y N RX? Yes NO

Type of diet? getting weight program

PSYCHOLOGICAL FUNCTIONING

	Evidence of Problem (Circle)	Comments / Described
ANXIETY	<u> </u> none <u> </u> some <input checked="" type="checkbox"/> severe	<u>anxiety</u>
COMBATIVE, ABUSIVE HOSTILE BEHAVIOR	<u> </u> none <input checked="" type="checkbox"/> some <u> </u> severe	<u>delusion</u>
DEPRESSION	<u> </u> none <input checked="" type="checkbox"/> some <u> </u> severe	<u>combative</u>
DELUSIONS/ HALLUCINATIONS	<u> </u> none <input checked="" type="checkbox"/> some <u> </u> severe	<u>paranoid</u>
WANDERING	<input checked="" type="checkbox"/> none <u> </u> some <u> </u> severe	<u>depression</u>
PARANOID THINKING/ SUSPICIOUSNESS	<input checked="" type="checkbox"/> none <u> </u> some <u> </u> severe	<u>wandering</u>
SUICIDAL	<u> </u> none <input checked="" type="checkbox"/> some <u> </u> severe	<u>12/2002</u>
DEMENTIA	<u> </u> none <input checked="" type="checkbox"/> some <u> </u> severe	<u>dementia</u>
OTHER (i.e. GRIEF/ SUBSTANCE ABUSE)	<u> </u> none <u> </u> some <input checked="" type="checkbox"/> severe	<u>other</u>
ADAPTIVE COPING SKILLS:		
		<u>adaptive</u>

Has Client Experienced Any Significant Events or Changes in the Last Year?

a year before last year started to stay in nursing house sometimes

PSYCHOLOGICAL FUNCTIONING (CONTINUED)

Any Problems Related to Client's Residence:

- | | |
|------------------------------------|---------------------------|
| 1. Physical appearance of dwelling | <u>Poor condition</u> |
| 2. Subsidized | <u>No</u> |
| 3. Comment: | <u>Need cleaning help</u> |

Any Problems Related to Client's Living Arrangement?

Needs emergency response system,
stay in nursing home 2 months a year

Name: FLINTSTONE K FRED
 Program: ICMP

NEEDS ASSESSMENT FORM

Client #: R1
 Date: 04/10/2001

ADL/IADL FUNCTIONING												
Related to Independent Category Only 1.1 No Difficulty 1.2 Some Difficulty 1.3 Very Difficult	safe functioning Level					Current Help					Comments	
	Independent	Verbal Assistance	Some Human Help	Lots of Human Help	Dependent	Para Medical	Device	Formal Help	Informal Help	No Help		Needs (more) Help
Eating*	1.1	2	3	4	5	6						
Dressing*	1.3	2	3	4	5							
Transfer*	1.3	2	3	4	5							
Bathing*	1.3	2	3	4	5							
Toileting*	1.1	2	3	4	5	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Grooming*	1.3		3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Medications	1	<input checked="" type="checkbox"/>	3	4	5	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Stair Climbing	1	2	3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Mobility Indoor	1	<input checked="" type="checkbox"/>	3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Mobility Outdoor	1	<input checked="" type="checkbox"/>	3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Housework	1.2		3	4	5		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
Laundry	1.3			4	5		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
Shopping & Errands	1.3		3	4	5		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
Meal Prep & Cleanup	1.3	2	3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Transportation	1.2	2	3		5	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Telephone	1	2	<input checked="" type="checkbox"/>		5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Money Management	1	2	3		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				

ADL/IADL Functioning Instructions:
Safe Functioning Level: Mark the box indicating the level at which the client can perform the function with safety.
Current Help: Mark the box(es) indicating the type (if any) of human help the client currently receives.
Needs More Help: Mark the box, if the client needs more help than currently receiving.

83

*ADLs

Equipment Needs			
	Has Needs		Has Needs
Tub	<input checked="" type="checkbox"/>	Grab Bar/Toilet	<input checked="" type="checkbox"/>
Shower	<input checked="" type="checkbox"/>	Grab Bar/Shower	<input checked="" type="checkbox"/>
Handheld Shower		Grab Bar/Tub	<input checked="" type="checkbox"/>
Bath Bench/Chair		Raised Toilet seat	
Smoke Alarm		Beside Commode	
Emergency Alarm Unit		Incontinence Supplies	
Other: icmp equipment comments			

Mental Functioning(Optional for MSSP)				
	Comments			
	No Problems		Severe Problems	
Memory	1	2	5	
Orientation	1	2	5	
Judgement	1	2	5	

Mini Mental Status Questionnaire

Client Name: FLINTSTONE K FRED
 ICMP#: R1

		Max Score	SCORE		
			Date	Date	Date
	Orientation:		04/10/01	04/25/01	
1	What is the (year) (season) (date) (month) ?	5	3	4	
2	Where are we ? (state) (county) (town) (hospital) (floor) ?	5	2	2	
	Registration:				
3	Repeat (Immediately) 3 objects: Apple___ Table___ Penny___	3	3	3	
	Attention/Calculation:				
4	Serial 7's or spell WORLD backwards	5	3	3	
	Recall:				
5	Remember 3 objects at 2 minutes: Apple___ Table___ Penny___	3	2	2	
	Language:				
6	Naming pencil___ watch___	2	1	1	
7	Repeat "no if's, ands, or buts"	1	1	1	
8	Three stage command. "Take a paper in your left hand, fold it in half, and put it on the floor."	3	1	2	
9	Reading and following a written command: "Close your eyes"(attached page)	1	1	1	
10	Write a sentence (attached page)	1	1	1	
	Visual - Spatial:				
11	Copy design (attached page)	1	0	1	
		Total	18	21	

Level of Consciousness: (Circle one)
 Alert Drowsy Stupor Coma

Interpretation:
Total Score
 25-30 Normal
 21-24 Mild intellectual impairment
 ✓ 16-20 Moderate intellectual impairment
 Under 15 Severe intellectual impairment

Client: FLINTSTONE K FRED

ICMP#: R1

INITIAL ASSESSMENT / REASSESSMENT SUMMARY

These are general guidelines: include only information which is pertinent to develop and support a care plan. Focus on changes. It is not necessary to include information in more than one section of the summary-place it where it has most relevance.

1. Client Description:(Age, living arrangement, physical appearance and presentation)

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2. Health: (Diagnosis; changes in general health status, health practices, medical compliance, nutrition, continence; problematic signs or symptoms, frequency and adequacy of health care)

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3. Medications: (Medication use/interactions, ability to self manage)

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4. ADL/IADL Functioning Levels: (Changes in ambulatory status, functional abilities, assistive devices, area of unmet need; support for LOC finding)

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5. Caregiver: (Formal and informal support, reliability and skill level of caregiver, degree of caregiver stress, evidence of caregiver health or financial problems)

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Client: FLINTSTONE K FRED

ICMP#: R1

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6. Environmental Safety: (Adequacy of home; safety and accessibility considerations)

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7. Cognitive/Psychological: (Changes in orientation, memory, ability to resolve problems, depression, mental health; response to losses; significance of current problems to client)

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8. Social Network: (Family, friends, quality of relationships, lossess, ielsure activities)

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9. Abuse: (Evidence of abuse, neglect, exploitation)

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10. Finances: (Entitlements, ability to manage own affairs, problematic expenses, Indication of exploitation or mismanagement)

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Client: FLINTSTONE K FRED

ICMP#: R1

11. Services: (Include purchased, referred services; services refused)

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12. Client Concerns: (What the client and family want from MSSP)

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13. Indications for Case management:

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Signature(s) _____ Title _____ Date _____
_____ Title _____ Date _____

INTEGRATED CARE MANAGEMENT PROJECT

REASSESSMENT# 2

ICMP CLIENT NUMBER: R1

ICMP CLIENT NAME: FLINTSTONE K FRED

Date of ReAssessment: 07/10/2002

STAFF CODE: 233

STAFF SIGNATURE: _____

TITLE: _____

GENERAL INFORMATION (ICMP)

Client Name: FLINTSTONE K FRED

Assessment Date: 07/10/2002

C3

Assessment Sequence No: 2

C5

Date Enrolled in Case Management: 03/15/2001

F24

Date of Care Plan: 04/15/2001

N6

Closed Date: / /

F25

Discontinuance Code: 1 2 3 4 5 6 7 8 9 10 F27

Highest Level of Education:(Use table Below to determine level) B17

- | | | |
|--------------------------|---------------------------------------|---------------------|
| 1. No school completed | 6. 11th Grade | 11. Bachelor Degree |
| 2. 1st through 4th Grade | 7. 12th Grade | 12. Master's Degree |
| 3. 5th through 8th Grade | 8. High School Grad-Diploma or Equiv. | 13. Other: |
| 4. 9th Grade | 9. Some College-No Degree | |
| 5. 10th Grade | 10. Associate Degree | |

Monthly Income: Client Income Only

B13

- | | |
|--------------------------|--------------------------|
| 1. Under SSI/SSP Level | 5. Up to 200% of SSI/SSP |
| 2. SSI/SSP | 6. Over 200% of SSI/SSP |
| 3. Up to 125% of SSI/SSP | 7. Over 250% of SSI/SSP |
| 4. Up to 150% of SSI/SSP | 8. Over 300% of SSI/SSP |

FOR SITE USE ONLY:

Evidence or Indication of Abuse, Neglect, or Exploitation?

YES

2.) NO

If Yes, Date Reported: 12/31/2001

Explain:

NEGLECT

Staff Code No: 233

B3

FORMAL/INFORMAL SUPPORT

Informal and /or formal Support:

	<u>Name</u>	<u>Relationship</u>
Informal:	<u>Mary</u>	<u>Daughter</u>
	<u>John</u>	<u>Son-in-law</u>
	<u>test4</u>	<u>female relative</u>
Formal:	<u>Miss Smith</u>	<u>IHSS Caregiver</u>
	<u>Formal, T tes1</u>	<u>Other</u>

Informal Support and Effectiveness:

money mangement
personal care
test4

Formal Support and Effectiveness:

prepare dinner
clean house

Other Information:

try other info
others

PSYCHOLOGICAL FUNCTIONING

	Evidence of Problem (Circle)	Comments / Described
ANXIETY	<input type="checkbox"/> none <input type="checkbox"/> some <input checked="" type="checkbox"/> severe	<u>anxiety</u>
COMBATIVE, ABUSIVE HOSTILE BEHAVIOR	<input type="checkbox"/> none <input checked="" type="checkbox"/> some <input type="checkbox"/> severe	<u>delusion</u>
DEPRESSION	<input type="checkbox"/> none <input checked="" type="checkbox"/> some <input type="checkbox"/> severe	<u>combative</u>
DELUSIONS/ HALLUCINATIONS	<input type="checkbox"/> none <input checked="" type="checkbox"/> some <input type="checkbox"/> severe	<u>paranoid</u>
WANDERING	<input checked="" type="checkbox"/> none <input type="checkbox"/> some <input type="checkbox"/> severe	<u>depression</u>
PARANOID THINKING/ SUSPICIOUSNESS	<input checked="" type="checkbox"/> none <input type="checkbox"/> some <input type="checkbox"/> severe	<u>wandering</u>
SUICIDAL	<input type="checkbox"/> none <input checked="" type="checkbox"/> some <input type="checkbox"/> severe	<u>12/2002</u>
DEMENTIA	<input type="checkbox"/> none <input checked="" type="checkbox"/> some <input type="checkbox"/> severe	<u>dementia</u>
OTHER (i.e. GRIEF/ SUBSTANCE ABUSE)	<input type="checkbox"/> none <input type="checkbox"/> some <input checked="" type="checkbox"/> severe	<u>other</u>
ADAPTIVE COPING SKILLS:		
		<u>adaptive</u>

Has Client Experienced Any Significant Events or Changes in the Last Year?

a year before last year started to stay in nursing house sometimes

PSYCHOLOGICAL FUNCTIONING (CONTINUED)

Any Problems Related to Client's Residence:

- | | |
|------------------------------------|---------------------------|
| 1. Physical appearance of dwelling | <u>Poor condition</u> |
| 2. Subsidized | <u>No</u> |
| 3. Comment: | <u>Need cleaning help</u> |

Any Problems Related to Client's Living Arrangement?

Needs emergency response system,
stay in nursing house 2 months a year

GENERAL HEALTH (ICMP)

Client's Major Health Problems/DX:
short breath

How Often Is Physician Seen ? once a month

Clients: Height 5'01" Weight __1 lb.
Has Client Lost or Gained Weight in the Last Six Months?
Has Client Fallen in the Last Six Months Yes
Assistive Devices Used by Client? wheel chair
Has Client Been Hospitalized in the Past Six(6) Months? Yes
Describe: need breath treatment

Lost 4 lb.
No

Date: 04/10/2002
Gained
Frequency of Falls 2

Has Client Been in a Nursing Facility in the Past Six(6) Months?
Describe: need 24-hr observe

Yes

No

Does The Client Have Problems In Any of The Following Areas That Prevent Doing Activities?

Vision	<u>Y</u>	<u>N</u>	<u>cannot see things clearly</u>
Hearing	<u>Y</u>	<u>N</u>	<u>hearing</u>
Speech	<u>Y</u>	<u>N</u>	<u>speech</u>
Dental	<u>Y</u>	<u>N</u>	<u>dental</u>
Swallowing	<u>Y</u>	<u>N</u>	<u>swallowing</u>
Elimination	<u>Y</u>	<u>N</u>	<u>elimination</u>
Feet	<u>Y</u>	<u>N</u>	<u>feet</u>
Short of Breath	<u>Y</u>	<u>N</u>	<u>short of breath</u>
Pain	<u>Y</u>	<u>N</u>	<u>pain</u>
Paralysis	<u>Y</u>	<u>N</u>	<u>paralysis</u>
Amputation	<u>Y</u>	<u>N</u>	<u>amputation</u>
Recent Infection	<u>Y</u>	<u>N</u>	<u>recent infection</u>
Allergies	<u>Y</u>	<u>N</u>	<u>allergies</u>
Substance Abuse	<u>Y</u>	<u>N</u>	<u>substance abuse</u>
Mental illness	<u>Y</u>	<u>N</u>	<u>mental</u>

Special Diet? Y N

RX? Yes No

Type of diet? getting weight program

Name: FLINTSTONE K FRED
 Program: ICMP

NEEDS ASSESSMENT FORM

Client #: R1
 Date: 07/10/2002

ADL/IADL FUNCTIONING

Related to Independent Category Only 1.1 No Difficulty 1.2 Some Difficulty 1.3 Very Difficult	Safe Functioning Level					Current Help						Comments
	Independent	Verbal Assistance	Some Human Help	Lots of Human Help	Dependent	Para Medical	Device	Formal Help	Informal Help	No Help	Needs (more) Help	
Eating*	1,1	2	3	4	5							
Dressing*	1,3	2	3	4	5							
Transfer*	1,3	2	3	4	5							
Bathing*	1,3	2	3	4	5							
Toileting*	1,3	2	3	4	5	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Grooming*	1,3		3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Medications	1	<input checked="" type="checkbox"/>	3	4	5	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Stair Climbing	1	2	3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Mobility Indoor	1	<input checked="" type="checkbox"/>	3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Mobility Outdoor	1	<input checked="" type="checkbox"/>	3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Housework	1,2		3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Laundry	1,3			4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Shopping & Errands	1,3		3		5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Meal Prep & Cleanup	1,3	2	3	4	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Transportation	1,2	2	3		5	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Telephone	1	2	<input checked="" type="checkbox"/>		5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Money Management	1	2	3		5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

ADL/IADL Functioning Instructions:
Safe Functioning Level: Mark the box indicating the level at which the client can perform the function with safety.
Current Help: Mark the box(es) indicating the type (if any) of human help the client currently receives.
Needs More Help: Mark the box, if the client needs more help than currently receiving.

94

*ADLs

Equipment Needs		
	Has Needs	Has Needs
Tub	<input checked="" type="checkbox"/>	Grab Bar/Toilet
Shower	<input checked="" type="checkbox"/>	Grab Bar/Shower
Handheld Shower	<input checked="" type="checkbox"/>	Grab Bar/Tub
Bath Bench/Chair	<input checked="" type="checkbox"/>	Raised Toilet seat
Smoke Alarm	<input checked="" type="checkbox"/>	Beside Commode
Emergency Alarm Unit	<input checked="" type="checkbox"/>	Incontinence Supplies
Other: icmp equipment comments		

Mental Functioning(Optional for MSSP)				
	Comments			
	No Problems	Severe Problems		
Memory	1	2	5	
Orientation	1	2	5	
Judgement	1	2	5	

Mini Mental Status Questionnaire

Client Name: FLINTSTONE K FRED
 ICMP#: R1

		Max Score	SCORE		
			Date	Date	Date
	Orientation:		04/10/01	04/25/01	
1	What is the (year) (season) (date) (month) ?	5	3	4	
2	Where are we ? (state) (county) (town) (hospital) (floor) ?	5	2	2	
	Registration: Apple___ Table___				
3	Repeat (immediately) 3 objects: Penny___	3	3	3	
	Attention/Calculation:				
4	Serial 7's or spell WORLD backwards	5	3	3	
	Recall: Apple___ Table___				
5	Remember 3 objects at 2 minutes: Penny___	3	2	2	
	Language:				
6	Naming pencil___ watch___	2	1	1	
7	Repeat "no if's, and's, or but's"	1	1	1	
8	Three stage command. "Take a paper in your left hand, fold it in half, and put it on the floor."	3	1	2	
9	Reading and following a written command: "Close your eyes"(attached page)	1	1	1	
10	Write a sentence (attached page)	1	1	1	
	Visual - Spatial:				
11	Copy design (attached page)	1	0	1	
Total			18	21	

Level of Consciousness: (Circle one)
 Alert Drowsy Stupor Coma

Interpretation:
 Total Score
 25-30 Normal
 21-24 Mild intellectual impairment
 ✓ 16-20 Moderate intellectual impairment
 Under 15 Sever intellectual impairment

Client: FLINTSTONE K FRED

ICMP#: R1

INITIAL ASSESSMENT / REASSESSMENT SUMMARY

These are general guidelines; include only information which is pertinent to develop and support a care plan. Focus on changes. It is not necessary to include information in more than one section of the summary-place it where it has most relevance.

1. Client Description:(Age, living arrangement, physical appearance and presentation)

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2. Health: (Diagnosis; changes in general health status, health practices, medical compliance, nutrition, continence; problematic signs or symptoms, frequency and adequacy of health care)

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3. Medications: (Medication use/Interactions, ability to self manage)

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4. ADL/IADL Functioning Levels: (Changes in ambulatory status, functional abilities, assistive devices, area of unmet need; support for LOC finding)

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5. Caregiver: (Formal and informal support, reliability and skill level of caregiver, degree of caregiver stress, evidence of caregiver health or financial problems)

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6. Environmental Safety: (Adequacy of home; safety and accessibility considerations)

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7. Cognitive/Psychological: (Changes in orientation, memory, ability to resolve problems, depression, mental health; response to losses; significance of current problems to client)

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8. Social Network: (Family, friends, quality of relationships, lossess, lelsure activities)

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9. Abuse: (Evidence of abuse, neglect, exploitation)

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10. Finances: (Entitlements, ability to manage own affairs, problematic expenses, indication of exploitation or mismanagement)

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Client: FLINTSTONE K FRED

ICMP#: R1

11. Services: (Include purchased, referred services; services refused)

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12. Client Concerns: (What the client and family want from MSSP)

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13. Indications for Case management:

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Signature(s) _____ Title _____ Date _____
_____ Title _____ Date _____

APPENDIX C
PROJECT SOURCE CODE

```

frm_patient

Private Sub cmdPhyAdd_Click()
    With frmadd_ref_phys
        Call init_frmadd_rp_list(.cmbrrp_specialty.name)
        thespecialty = ref_physician_file.Record.Field(9)
        thespecialty = Trim(thespecialty)
        .lbrp_id = ""
        .Show
    End With
End Sub

Private Sub Form_Load()
    CallNO = 0
End Sub

Private Sub mnuAssessment_Click()
    If frm_patient.lblstatus = "" Or frm_patient.lblstatus = "NEW" Then ' Add code on 10/31/01 hoa
        'if new, creates a new referral record array
        Set new_ref_record = New CUvDynArray
        Set temp_functionality_record = New CUvDynArray
        Set temp_equipment_record = New CUvDynArray
        Set temp_safety_record = New CUvDynArray
        new_ref_record.Field(148) = "HOLD"
    End If
    frmFunctional.Hide
    Call display_Functional
    frmFunctional.Show
    MsgBox "This module is not available yet!", vbCritical, "Unavailable!"
End Sub

Private Sub chkCitizen_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .chkimpaired.SetFocus
        End With
    End If
End Sub

Private Sub chkimpaired_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .cmbmarital_status.SetFocus
        End With
    End If
End Sub

Private Sub chklivealone_Click()
    With frm_patient
        If .chklivealone.Value = 0 Then
            .txtlw_name.Enabled = True
            .txtlw_relation.Enabled = True
            .txtlw_num_fam.Enabled = True
            .txtlw_name.Locked = False
            .txtlw_relation.Locked = False
            .txtlw_num_fam.Locked = False
            If .txtlw_name.Enabled Then
                .txtlw_name.SetFocus
            End If
        Else
            .txtlw_name.Text = ""
            .txtlw_relation.Text = ""
            .txtlw_num_fam.Text = ""
            .txtlw_name.Enabled = False
            .txtlw_relation.Enabled = False
            .txtlw_num_fam.Enabled = False
        End If
    End With
End Sub

Private Sub chklivealone_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            If .txtlw_name.Enabled Then
                .txtlw_name.SetFocus
            Else
                .txtcg_name.SetFocus
            End If
        End With
    End If
End Sub

Private Sub chkparta_Click()
    With frm_patient
        If Trim(.txtmcare.Text) = "" Then

```

```

        .chkparta.Value = 0
    End If
End With
End Sub

Private Sub chkparta_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .chkpartb.SetFocus
        End If
    End With
End Sub

Private Sub chkpartb_Click()
    With frm_patient
        If Trim(.txtmcare.Text) = "" Then
            .chkpartb.Value = 0
        End If
    End With
End Sub

Private Sub chkpartb_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .optnone.SetFocus
        End If
    End With
End Sub

Private Sub chktranslator_Click()
    With frm_patient
        If .chktranslator.Value = 1 Then
            .cmbtrans_lang.Enabled = True
            .cmbtrans_lang.Locked = False
            If .cmbtrans_lang.Enabled Then
                .cmbtrans_lang.SetFocus
            End If
        Else
            .cmbtrans_lang.ListIndex = -1
            .cmbtrans_lang.Enabled = False
        End If
    End With
End Sub

Private Sub chktranslator_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            If .cmbtrans_lang.Enabled Then
                .cmbtrans_lang.SetFocus
            Else
                .chklivealone.SetFocus
            End If
        End With
    End If
End Sub

Private Sub cmbethnicity_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtlanguage.SetFocus
            .cmbprim_lang.SetFocus
        End With
    End If
End Sub

Private Sub cmbmarital_status_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtbirthdate.SetFocus
        End With
    End If
End Sub

Private Sub cmbownership_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtcomments.SetFocus
        End With
    End If
End Sub

Private Sub cmbprim_lang_KeyPress(KeyAscii As Integer)

```

```

If KeyAscii = 9 Or KeyAscii = 13 Then
    With frm_patient
        .chktranslator.SetFocus
    End With
End If
End Sub

Private Sub cmbrestype_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .cmbownership.SetFocus
        End With
    End If
End Sub

Private Sub cmbtrans_lang_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .chklivealone.SetFocus
        End With
    End If
End Sub

Private Sub cmdadd_sp_Click()
    Call init_frmRefPhys_msg_phys_search
    frmRefPhys_Search.Left = 5000
    frmRefPhys_Search.Top = mdifrmmain.Top
    called_from_frm_patient = True
    frmRefPhys_Search.Show vbModal, mdifrmmain
    called_from_frm_patient = False
End Sub

Private Sub cmdcancel_Click()
    Call cancel_referral
End Sub

Private Sub cmdContacSearch_Click()
    Call init_frmRefPhys_msg_phys_search
    frmRefPhys_Search.Left = 5000
    frmRefPhys_Search.Top = mdifrmmain.Top
    called_from_frm_patient = True
    frmRefPhys_Search.Show vbModal, mdifrmmain
    called_from_frm_patient = False
End Sub

Private Sub cmddelete_sp_Click()
    With frm_patient.msgf_sp
        If .Row > 0 Then 'valid records start at row 1
            sp_id = .TextMatrix(.Row, 9)
            sp_name = .TextMatrix(.Row, 2) & " " & .TextMatrix(.Row, 1) & " " & .TextMatrix(.Row, 0)
            resp = MsgBox("Are you sure you want to delete the reference to Specialty Physician Record " & sp_id & " " & sp_name & "?", vbYesNo +
vbDefaultButton2, "Delete?")
            If resp = vbYes Then
                If .Rows = 2 Then
                    'first row is header, second has data
                    'if true, just initialize the grid
                    Call init_frm_patient_msgf_sp
                Else
                    .RemoveItem .Row
                End If
            End If
        End If
    End With
End Sub

Private Sub cmdedit_sp_Click()
    If frm_patient.msgf_sp.Row > 0 Then
        record_id = frm_patient.msgf_sp.TextMatrix(frm_patient.msgf_sp.Row, 9)
        With frmadd_ref_phys
            If edit_ref_physician_record(record_id) Then
                .Caption = "Edit Referral Physician"
                .blrp_id.Caption = record_id
                .blrp_id.Visible = True
                Call init_frmadd_rp_list(.cmbrp_specialty.name)
                thelname = ref_physician_file.Record.Field(1)
                themname = ref_physician_file.Record.Field(2)
                thefname = ref_physician_file.Record.Field(3)
                theaddress = ref_physician_file.Record.Field(4)
                thecity = ref_physician_file.Record.Field(5)
                thestate = ref_physician_file.Record.Field(6)
                thezip = ref_physician_file.Record.Field(7)
            End If
        End With
    End If
End Sub

```

```

thephone = ref_physician_file.Record.Field(8)
thespecialty = ref_physician_file.Record.Field(9)
thespecialty = Trim(thespecialty)
If Right(thezip, 1) = "." Then
    thezip = thezip & "____"
Elseif Len(thezip) = 5 Then
    thezip = thezip & "-____"
End If
If Trim(thezip) = "" Then
    thezip = blank_zip
End If
If Trim(thephone) = "" Then
    thephone = blank_phone
End If

.txtrp_iname.Text = theiname
.txtrp_mname.Text = themname
.txtrp_fname.Text = thefname
.txtrp_address.Text = theaddress
.txtrp_city.Text = thecity
.txtrp_state.Text = thestate
.txtrp_zip.Text = thezip
.txtrp_phone.Text = thephone

If thespecialty = "" Then
    .cmbrp_specialty.ListIndex = -1
Else
    numspecialties = .cmbrp_specialty.ListCount - 1
    For aspecialty = 0 To numspecialties
        alistspecialty = .cmbrp_specialty.List(aspecialty)
        alistspecialty = Trim(Right(alistspecialty, 50))
        If thespecialty = alistspecialty Then
            .cmbrp_specialty.ListIndex = aspecialty
            Exit For
        End If
    Next aspecialty
End If
.Show vbModal
End With
Else
    MsgBox "No Referral Physician Selected!", vbCritical, "ERROR"
End If
End Sub

Private Sub cmdnew_Click()
    MsgBox "Function Unavailable!", vbCritical
    called_from_frm_patient = False
    resp = MsgBox("It is recommended that a Search be done for the candidate to see if he/she has not already been entered in the system. Search for candidate?", vbYesNoCancel + vbDefaultButton1, "Search Recommended")
    If resp = vbNo Then 'create new referral
        Call init_screen_for_adding_new_record
        frm_patient.txtrferral_id.Enabled = False
        frm_patient.cmdsave.Enabled = True
        frm_patient.txtname.SetFocus
        frm_patient.cmdSearch.Enabled = False
        frm_patient.cmdnew.Enabled = False
        frm_patient.mnuReport.Enabled = True
        frm_patient.mnuSocial.Enabled = True
        referral_file.CloseFile
        ref_to_file.CloseFile
        If error_opening(referral_file, "REFERRAL") Then
            MsgBox "Error creating new record. Ending program.", vbCritical, "Error"
        End If
    End If
    If error_opening(ref_to_file, "REFTO") Then
        MsgBox "Error creating new record. Ending program.", vbCritical, "Error"
    End If
    End If
Elseif resp = vbCancel Then 'do nothing
Elseif resp = vbYes Then 'search for candidate
    Call init_frmreferral_search_grid
    frmreferral_search.Left = 5000
    frmreferral_search.Top = mdi_frmmain.Top
    called_from_frm_patient = True
    frmreferral_search.Show vbModal, mdi_frmmain
    called_from_frm_patient = False
End If
End Sub

Private Sub cmdsave_Click()
    If save_referral_record(True, False) Then
        frm_patient.cmdSearch.Enabled = True
        frm_patient.cmdnew.Enabled = True
    Else

```

```

End If
End Sub

Private Sub cmdSearch_Click()
    Call init_frmreferral_search_grid
    frmreferral_search.Left = 5000
    frmreferral_search.Top = mdifrmmain.Top
    called_from_frm_patient = True
    frmreferral_search.Show vbModal, mdifrmmain
    called_from_frm_patient = False
End Sub

Private Sub mnuExit_Click()
    End
End Sub

Private Sub mnuLabels_Click()
    Call init_frmlabel
    frmlabel.Show
End Sub

Private Sub optcommercial_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtman_care_company.SetFocus
        Else
            KeyAscii = 0
        End If
    End With
End Sub

Private Sub mnuSSWAdhc_Click()
    CallNO = 1
    Call cancel_adhc
    With frmADHC
        .sstADCH.Tab = 0
        .sstADCH.Enabled = True
        .Show vbModal
    End With
End Sub

Private Sub mnuSSWicmp_Click()
    CallNO = 2
    With frmICMP
        .SSTab1.Tab = 0
        .SSTab1.Enabled = True
        Call cancel_icmp
        'Me.Visible = False
        .Show vbModal
    End With
End Sub

Private Sub mnuSSWMssp_Click()
    Call cancel_mssp
    CallNO = 3
    With frmMssp
        .SSTab1.Tab = 0
        .Show vbModal
    End With
End Sub

Private Sub mnuSSWPace_Click()
    Call cancel_pace
    With frmPace
        CallNO = 4
        .SSTab1.Tab = 0
        .SSTab1.TabEnabled(3) = False
        .Show vbModal
    End With
End Sub

Private Sub optfemale_GotFocus()
    frm_patient.SSTab_intake.Tab = 0
End Sub

Private Sub optfemale_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .chkcitizen.SetFocus
        End With
    End If
End Sub

```



```

Private Sub optmale_GotFocus()
    frm_patient.SSTab_intake.Tab = 0
End Sub

Private Sub optmale_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .chkcilizen.SetFocus
        End With
    End If
End Sub

Private Sub optmedical_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtman_care_company.SetFocus
        Else
            KeyAscii = 0
        End If
    End With
End Sub

Private Sub optnone_Click()
    'clear company and policy number fields
    With frm_patient
        .txtman_care_company.Text = ""
        .lblman_care_name.Caption = "(NONE)"
        .txtman_care_policy.Text = ""
    End With
End Sub

Private Sub optnone_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .SSTab_intake.Tab = 3
            .txtrs_source.SetFocus
        Else
            KeyAscii = 0
        End If
    End With
End Sub

Private Sub optsenior_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtman_care_company.SetFocus
        Else
            KeyAscii = 0
        End If
    End With
End Sub

Private Sub SSTab_intake_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Select Case .SSTab_intake.Tab
                Case Is = 0
                    If .optmale.Value Then
                        .optmale.SetFocus
                    ElseIf .optfemale.Value Then
                        .optfemale.SetFocus
                    Else
                        .optmale.SetFocus
                    End If
                Case Is = 1
                    .txlpp_name.SetFocus
                Case Is = 2
                    .txlm_wage.SetFocus
                Case Is = 3
                    .txtrs_source.SetFocus
            End Select
        End If
    End With
End Sub

Private Sub txta_other_income_GotFocus()
    With frm_patient.txta_other_income

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        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txta_pension_GotFocus()
    With frm_patient.txta_pension
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txta_ss_GotFocus()
    With frm_patient.txta_ss
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txta_ssi_GotFocus()
    With frm_patient.txta_ssi
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txta_wage_GotFocus()
    With frm_patient.txta_wage
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtaddress_GotFocus()
    With frm_patient.txtaddress
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtaddress_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtaddress2.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtaddress2_GotFocus()
    With frm_patient.txtaddress2
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtaddress2_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtCity.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtbirthdate_GotFocus()
    With frm_patient.txtbirthdate
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtbirthdate_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    If KeyAscii = 9 Or KeyAscii = 13 Then
        Call txtbirthdate_Validate(Cancel)
    End If
End Sub

```

```

    If Cancel Then
        'do nothing
        MsgBox "Invalid Entry!", vbCritical, "ERROR"
        frm_patient.txtbirthdate.SelStart = 0
        frm_patient.txtbirthdate.SelLength = Len(frm_patient.txtbirthdate.Text)
        frm_patient.txtbirthdate.SetFocus
    Else
        With frm_patient
            .txtSSN.SetFocus
        End With
    End If
End If
End Sub

Private Sub txtbirthdate_Validate(Cancel As Boolean)
    If IsDate(frm_patient.txtbirthdate.Text) Or frm_patient.txtbirthdate.Text = blank_date Then
        'do nothing
        frm_patient.txtage.Text = age(frm_patient.txtbirthdate.Text, Date)
    Else
        Cancel = True
    End If
End Sub

Private Sub txtcity_GotFocus()
    With frm_patient.txtCity
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtcity_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtstate.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtcomments_GotFocus()
    With frm_patient.txtcomments
        .SelStart = 0
        .SelStart = Len(.Text)
    End With
End Sub

Private Sub txtcomments_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Then
        'move to first entry of top tab
        With frm_patient
            If .SSTab_intake.Tab = 0 Then
                If .optmale.Value = True Or (.optmale.Value = False And .optfemale.Value = False) Then
                    .optmale.SetFocus
                Else
                    .optfemale.SetFocus
                End If
            ElseIf .SSTab_intake.Tab = 1 Then
                .txtpp_name.SetFocus
            ElseIf .SSTab_intake.Tab = 2 Then
                .txtm_wage.SetFocus
            ElseIf .SSTab_intake.Tab = 3 Then
                .txtrs_source.SetFocus
            End If
        End With
    Else
        'force entry in uppercase
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtec_address_GotFocus()
    With frm_patient.txtec_address
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtec_address_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then

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```

        With frm_patient
            .txtec_city.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtec_city_GotFocus()
    With frm_patient.txtec_city
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtec_city_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtec_state.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtec_name_GotFocus()
    With frm_patient.txtec_name
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtec_name_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtec_address.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtec_phone_GotFocus()
    With frm_patient.txtec_phone
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtec_phone_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            Call txtec_phone_Validate(Cancel)
            If Cancel Then
                'do nothing
                MsgBox "Invalid Phone Number!", vbCritical, "ERROR"
                .txtec_phone.SelStart = 0
                .txtec_phone.SelLength = Len(.txtec_phone.Text)
                .txtec_phone.SetFocus
            Else
                .txtec_relation.SetFocus
            End If
        End With
    End If
End Sub

Private Sub txtec_phone_Validate(Cancel As Boolean)
    With frm_patient.txtec_phone
        If .Text = blank_phone Or .Text Like "(###)###-####" Then
            'do nothing
        Else
            Cancel = True
        End If
    End With
End Sub

Private Sub txtec_relation_GotFocus()

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```

With frm_patient.txtec_relation
.SelStart = 0
.SelLength = Len(.Text)
End With
End Sub

Private Sub txtec_relation_KeyPress(KeyAscii As Integer)
If KeyAscii = 9 Or KeyAscii = 13 Then
With frm_patient
.SSTab_intake.Tab = 2
.txm_wage.SetFocus
End With
Else
KeyAscii = Asc(UCase(Chr(KeyAscii)))
End If
End Sub

Private Sub txtec_state_GotFocus()
With frm_patient.txtec_state
.SelStart = 0
.SelLength = Len(.Text)
End With
End Sub

Private Sub txtec_state_KeyPress(KeyAscii As Integer)
If KeyAscii = 9 Or KeyAscii = 13 Then
With frm_patient
.txtec_zip.SetFocus
End With
Else
KeyAscii = Asc(UCase(Chr(KeyAscii)))
End If
End Sub

Private Sub txtec_zip_GotFocus()
With frm_patient.txtec_zip
.SelStart = 0
.SelLength = Len(.Text)
End With
End Sub

Private Sub txtec_zip_KeyPress(KeyAscii As Integer)
Dim Cancel As Boolean
With frm_patient
If KeyAscii = 9 Or KeyAscii = 13 Then
Call txtec_zip_Validate(Cancel)
If Cancel Then
'do nothing
MsgBox "Invalid Entry!", vbCritical, "ERROR"
.txtec_zip.SelStart = 0
.txtec_zip.SelLength = Len(.Text)
.txtec_zip.SetFocus
Else
.txtec_phone.SetFocus
End If
End If
End With
End Sub

Private Sub txtec_zip_Validate(Cancel As Boolean)
With frm_patient.txtec_zip
If .Text = blank_zip Or .Text Like "#####_ " Or .Text Like "#####-####" Then
'do nothing
Else
Cancel = True
End If
End With
End Sub

Private Sub txtfirst_name_GotFocus()
With frm_patient.txtfirst_name
.SelStart = 0
.SelLength = Len(.Text)
End With
End Sub

Private Sub txtfirst_name_KeyPress(KeyAscii As Integer)
If KeyAscii = 9 Or KeyAscii = 13 Then
With frm_patient

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        .txtmiddle_name.SetFocus
    End With
Else
    KeyAscii = Asc(UCase(Chr(KeyAscii)))
End If
End Sub

Private Sub txthealth_company_Click()
    With frminsurance
        .Top = frm_patient.Top
        .Left = 0
        .Show vbModal
    End With
End Sub

Private Sub txthealth_company_GotFocus()
    With frm_patient.txthealth_company
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txthealth_company_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            If Trim(.txthealth_company.Text) = "" Then
                .txthealth_policy.Text = ""
                .lblhealth_name.Caption = "(NONE)"
                If .optnone.Value Then
                    .optnone.SetFocus
                ElseIf .optcommercial.Value Then
                    .optcommercial.SetFocus
                ElseIf .optmedical.Value Then
                    .optmedical.SetFocus
                ElseIf .optsenior.Value Then
                    .optsenior.SetFocus
                Else
                    .optnone.SetFocus
                End If
            End If
        Else
            .txthealth_policy.SetFocus
        End If
    End With
    Call txthealth_company_Click
End Sub

Private Sub txthealth_policy_GotFocus()
    With frm_patient.txthealth_policy
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txthealth_policy_KeyPress(KeyAscii As Integer)
    With frm_patient
        If Trim(.txthealth_company.Text) <> "" Then
            If KeyAscii = 9 Or KeyAscii = 13 Then
                If .optnone.Value Then
                    .optnone.SetFocus
                ElseIf .optcommercial.Value Then
                    .optcommercial.SetFocus
                ElseIf .optmedical.Value Then
                    .optmedical.SetFocus
                ElseIf .optsenior.Value Then
                    .optsenior.SetFocus
                Else
                    .optnone.SetFocus
                End If
            Else
                KeyAscii = Asc(UCase(Chr(KeyAscii)))
            End If
        Else
            'do not allow entry if no health company selected
            KeyAscii = 0
        End If
    End With
End Sub

Private Sub txtissue_GotFocus()
    With frm_patient.txtissue

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        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtissue_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient
        'first check to see if any entry in txtmcal field
        If Trim(.txtmcal.Text) <> "" Then
            If KeyAscii = 9 Or KeyAscii = 13 Then
                Call txtissue_Validate(Cancel)
                If Cancel Then
                    'do nothing
                    MsgBox "Invalid Entry!", vbCritical, "ERROR"
                    .txtissue.SelStart = 0
                    .txtissue.SelLength = Len(.txtissue.Text)
                    .txtissue.SetFocus
                Else
                    .txtmcal_share_of_cost.SetFocus
                End If
            End If
        Else
            If KeyAscii = 9 Or KeyAscii = 13 Then
                .txtmcare.SetFocus
            ElseIf KeyAscii = 8 Then
                'allow backspace
            Else
                'no entry allowed when no mcal number
                KeyAscii = 0
            End If
        End If
    End With
End Sub

```

```

Private Sub txtissue_Validate(Cancel As Boolean)
    If IsDate(frm_patient.txtissue.Text) Or frm_patient.txtissue.Text = blank_date Then
        'do nothing
    Else
        Cancel = True
    End If
End Sub

```

```

Private Sub txtlw_name_GoToFocus()
    With frm_patient.txtlw_name
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtlw_name_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtlw_relation.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

```

```

Private Sub txtlw_num_fam_GoToFocus()
    With frm_patient.txtlw_num_fam
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtlw_num_fam_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient.txtlw_num_fam
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtlw_num_fam_Validate(Cancel)
            If Cancel Then
                KeyAscii = 0
            Else
                End If
            ElseIf Chr(KeyAscii) Like "#" Then
                'do nothing, allow numeric
            ElseIf KeyAscii = 8 Then
                'do nothing, allow delete key
            Else

```

```

        'do not allow any other characters
        KeyAscii = 0
    End If
End With
End Sub

Private Sub txtlw_num_fam_Validate(Cancel As Boolean)
    With frm_patient
        If .txtlw_num_fam.Text = "" Or IsNumeric(.txtlw_num_fam.Text) Then
            Cancel = False
            .txtcg_name.SetFocus
        ElseIf Not IsNumeric(.txtlw_num_fam.Text) Then
            Cancel = True
        End If
    End With
End Sub

Private Sub txtlw_relation_GotFocus()
    With frm_patient.txtlw_relation
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtlw_relation_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtlw_num_fam.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtm_housing_expenses_GotFocus()
    With frm_patient.txtm_housing_expenses
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtm_housing_expenses_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient.txtm_housing_expenses
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtm_housing_expenses_Validate(Cancel)
            If Cancel Then
                KeyAscii = 0
            Else
                End If
            ElseIf Chr(KeyAscii) = "." Then
                'allow only single decimal mark
                If InStr(1, .Text, ".", vbTextCompare) > 0 Then
                    'cannot allow more than one decimal place
                    KeyAscii = 0
                Else
                    'do nothing, allow single decimal mark
                End If
            ElseIf Chr(KeyAscii) Like "#" Then
                'do nothing, allow numeric
                'only allow numbers with no more than 2 decimal places
                dot_pos = InStr(1, .Text, ".", vbTextCompare)
                If dot_pos > 0 Then
                    If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
                        'do not allow
                        KeyAscii = 0
                    End If
                End If
            ElseIf KeyAscii = 8 Then
                'do nothing, allow delete key
            Else
                'do not allow any other characters
                KeyAscii = 0
            End If
        End With
    End Sub

Private Sub txtm_housing_expenses_Validate(Cancel As Boolean)
    With frm_patient
        If .txtm_housing_expenses.Text = "" Or IsNumeric(.txtm_housing_expenses.Text) Then
            Cancel = False
            '.txta_other_income.Text = Format(Val(.txta_other_income.Text) * 12, "0.00")
        End If
    End With
End Sub

```



```

        .txtm_housing_expenses.Text = Format(Val(.txtm_housing_expenses.Text), "0.00")
        .txtm_medical_expenses.SetFocus
    Elseif Not IsNumeric(.txtm_housing_expenses.Text) Then
        Cancel = True
    End If
End With
End Sub

```

```

Private Sub txtm_int_div_GotFocus()
    With frm_patient.txtm_int_div
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtm_int_div_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient.txtm_int_div
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtm_int_div_Validate(Cancel)
            If Cancel Then
                KeyAscii = 0
            Else
                End If
            Elseif Chr(KeyAscii) = "." Then
                'allow only single decimal mark
                If InStr(1, .Text, ".", vbTextCompare) > 0 Then
                    'cannot allow more than one decimal place
                    KeyAscii = 0
                Else
                    'do nothing, allow single decimal mark
                    End If
            Elseif Chr(KeyAscii) Like "#" Then
                'do nothing, allow numeric
                'only allow numbers with no more than 2 decimal places
                dot_pos = InStr(1, .Text, ".", vbTextCompare)
                If dot_pos > 0 Then
                    If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
                        'do not allow
                        KeyAscii = 0
                    End If
                End If
            Elseif KeyAscii = 8 Then
                'do nothing, allow delete key
            Else
                'do not allow any other characters
                KeyAscii = 0
            End If
    End With
End Sub

```

```

Private Sub txtm_int_div_Validate(Cancel As Boolean)
    With frm_patient
        If .txtm_int_div.Text = "" Or IsNumeric(.txtm_int_div.Text) Then
            Cancel = False
            .txtm_int_div.Text = Format(Val(.txtm_int_div.Text), "0.00")
            .txta_int_div.Text = Format(Val(.txtm_int_div.Text) * 12, "0.00")
            .txtm_total_income.Text = Format(total_monthly_income, "0.00")
            .txta_total_income.Text = Format(total_annual_income, "0.00")
            .txtm_pension.SetFocus
        Elseif Not IsNumeric(.txtm_int_div.Text) Then
            Cancel = True
        End If
    End With
End Sub

```

```

Private Sub txtm_medical_expenses_GotFocus()
    With frm_patient.txtm_medical_expenses
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtm_medical_expenses_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient.txtm_medical_expenses
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtm_medical_expenses_Validate(Cancel)
            If Cancel Then
                KeyAscii = 0
            Else
                End If
            Elseif Chr(KeyAscii) = "." Then

```

```

'allow only single decimal mark
If InStr(1, .Text, ".", vbTextCompare) > 0 Then
    'cannot allow more than one decimal place
    KeyAscii = 0
Else
    'do nothing, allow single decimal mark
End If
Elseif Chr(KeyAscii) Like "#" Then
    'do nothing, allow numeric
    'only allow numbers with no more than 2 decimal places
    dot_pos = InStr(1, .Text, ".", vbTextCompare)
    If dot_pos > 0 Then
        If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
            'do not allow
            KeyAscii = 0
        End If
    End If
Elseif KeyAscii = 8 Then
    'do nothing, allow delete key
Else
    'do not allow any other characters
    KeyAscii = 0
End If
End With
End Sub

```

```

Private Sub txtm_medical_expenses_Validate(Cancel As Boolean)
    With frm_patient
        If .txtm_medical_expenses.Text = "" Or IsNumeric(.txtm_medical_expenses.Text) Then
            Cancel = False
            .txta_other_income.Text = Format(Val(.txta_other_income.Text) * 12, "0.00")
            .txtm_medical_expenses.Text = Format(Val(.txtm_medical_expenses.Text), "0.00")
            .txtnet_assets.SetFocus
        Elseif Not IsNumeric(.txtm_medical_expenses.Text) Then
            Cancel = True
        End If
    End With
End Sub

```

```

Private Sub txtm_other_income_GotFocus()
    With frm_patient.txtm_other_income
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtm_other_income_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient.txtm_other_income
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtm_other_income_Validate(Cancel)
            If Cancel Then
                KeyAscii = 0
            Else
                End If
        Elseif Chr(KeyAscii) = "." Then
            'allow only single decimal mark
            If InStr(1, .Text, ".", vbTextCompare) > 0 Then
                'cannot allow more than one decimal place
                KeyAscii = 0
            Else
                'do nothing, allow single decimal mark
            End If
        Elseif Chr(KeyAscii) Like "#" Then
            'do nothing, allow numeric
            'only allow numbers with no more than 2 decimal places
            dot_pos = InStr(1, .Text, ".", vbTextCompare)
            If dot_pos > 0 Then
                If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
                    'do not allow
                    KeyAscii = 0
                End If
            End If
        Elseif KeyAscii = 8 Then
            'do nothing, allow delete key
        Else
            'do not allow any other characters
            KeyAscii = 0
        End If
    End With
End Sub

```

```

Private Sub txtm_other_income_Validate(Cancel As Boolean)

```

```

With frm_patient
If .txtm_other_income.Text = "" Or IsNumeric(.txtm_other_income.Text) Then
Cancel = False
.txtm_other_income.Text = Format(Val(.txtm_other_income.Text), "0.00")
.txta_other_income.Text = Format(Val(.txtm_other_income.Text) * 12, "0.00")
.txtm_total_income.Text = Format(total_monthly_income, "0.00")
.txta_total_income.Text = Format(total_annual_income, "0.00")
.txtm_housing_expenses.SetFocus
Elseif Not IsNumeric(.txtm_other_income.Text) Then
Cancel = True
End If
End With
End Sub

Private Sub txtm_pension_GotFocus()
With frm_patient.txtm_pension
.SelStart = 0
.SelLength = Len(.Text)
End With
End Sub

Private Sub txtm_pension_KeyPress(KeyAscii As Integer)
Dim Cancel As Boolean
With frm_patient.txtm_pension
If KeyAscii = 9 Or KeyAscii = 13 Then
Call txtm_pension_Validate(Cancel)
If Cancel Then
KeyAscii = 0
Else
End If
Elseif Chr(KeyAscii) = "." Then
'allow only single decimal mark
If InStr(1, .Text, ".", vbTextCompare) > 0 Then
'cannot allow more than one decimal place
KeyAscii = 0
Else
'do nothing, allow single decimal mark
End If
Elseif Chr(KeyAscii) Like "#" Then
'do nothing, allow numeric
'only allow numbers with no more than 2 decimal places
dot_pos = InStr(1, .Text, ".", vbTextCompare)
If dot_pos > 0 Then
If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
'do not allow
KeyAscii = 0
End If
End If
Elseif KeyAscii = 8 Then
'do nothing, allow delete key
Else
'do not allow any other characters
KeyAscii = 0
End If
End With
End Sub

Private Sub txtm_pension_Validate(Cancel As Boolean)
With frm_patient
If .txtm_pension.Text = "" Or IsNumeric(.txtm_pension.Text) Then
Cancel = False
.txtm_pension.Text = Format(Val(.txtm_pension.Text), "0.00")
.txta_pension.Text = Format(Val(.txtm_pension.Text) * 12, "0.00")
.txtm_total_income.Text = Format(total_monthly_income, "0.00")
.txta_total_income.Text = Format(total_annual_income, "0.00")
.txtm_ss.SetFocus
Elseif Not IsNumeric(.txtm_pension.Text) Then
Cancel = True
End If
End With
End Sub

Private Sub txtm_ss_GotFocus()
With frm_patient.txtm_ss
.SelStart = 0
.SelLength = Len(.Text)
End With
End Sub

Private Sub txtm_ss_KeyPress(KeyAscii As Integer)
Dim Cancel As Boolean
With frm_patient.txtm_ss
If KeyAscii = 9 Or KeyAscii = 13 Then
Call txtm_ss_Validate(Cancel)

```

```

    If Cancel Then
        KeyAscii = 0
    Else
        End If
    ElseIf Chr(KeyAscii) = "." Then
        'allow only single decimal mark
        If InStr(1, .Text, ".", vbTextCompare) > 0 Then
            'cannot allow more than one decimal place
            KeyAscii = 0
        Else
            'do nothing, allow single decimal mark
        End If
    ElseIf Chr(KeyAscii) Like "#" Then
        'do nothing, allow numeric
        'only allow numbers with no more than 2 decimal places
        dot_pos = InStr(1, .Text, ".", vbTextCompare)
        If dot_pos > 0 Then
            If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
                'do not allow
                KeyAscii = 0
            End If
        End If
    ElseIf KeyAscii = 8 Then
        'do nothing, allow delete key
    Else
        'do not allow any other characters
        KeyAscii = 0
    End If
End With
End Sub

```

```

Private Sub txtm_ss_Validate(Cancel As Boolean)
    With frm_patient
        If .txtm_ss.Text = "" Or IsNumeric(.txtm_ss.Text) Then
            Cancel = False
            .txtm_ss.Text = Format(Val(.txtm_ss.Text), "0.00")
            .txta_ss.Text = Format(Val(.txtm_ss.Text) * 12, "0.00")
            .txtm_total_income.Text = Format(total_monthly_income, "0.00")
            .txta_total_income.Text = Format(total_annual_income, "0.00")
            .txtm_ssi.SelFocus
        ElseIf Not IsNumeric(.txtm_ss.Text) Then
            Cancel = True
        End If
    End With
End Sub

```

```

Private Sub txtm_ssi_GotFocus()
    With frm_patient.txtm_ssi
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtm_ssi_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient.txtm_ssi
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtm_ssi_Validate(Cancel)
            If Cancel Then
                KeyAscii = 0
            Else
                End If
        ElseIf Chr(KeyAscii) = "." Then
            'allow only single decimal mark
            If InStr(1, .Text, ".", vbTextCompare) > 0 Then
                'cannot allow more than one decimal place
                KeyAscii = 0
            Else
                'do nothing, allow single decimal mark
            End If
        ElseIf Chr(KeyAscii) Like "#" Then
            'do nothing, allow numeric
            'only allow numbers with no more than 2 decimal places
            dot_pos = InStr(1, .Text, ".", vbTextCompare)
            If dot_pos > 0 Then
                If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
                    'do not allow
                    KeyAscii = 0
                End If
            End If
        ElseIf KeyAscii = 8 Then
            'do nothing, allow delete key
        Else
            'do not allow any other characters
        End If
    End With
End Sub

```

```

        KeyAscii = 0
    End If
End With
End Sub

```

```

Private Sub txtm_ssi_Validate(Cancel As Boolean)
    With frm_patient
        If .txtm_ssi.Text = "" Or IsNumeric(.txtm_ssi.Text) Then
            Cancel = False
            .txtm_ssi.Text = Format(Val(.txtm_ssi.Text), "0.00")
            .txta_ssi.Text = Format(Val(.txtm_ssi.Text) * 12, "0.00")
            .txtm_total_income.Text = Format(total_monthly_income, "0.00")
            .txta_total_income.Text = Format(total_annual_income, "0.00")
            .txtm_other_income.SetFocus
        ElseIf Not IsNumeric(.txtm_ssi.Text) Then
            Cancel = True
        End If
    End With
End Sub

```

```

Private Sub txtm_wage_GotFocus()
    With frm_patient.txtm_wage
        .SelStart = 0
        .SelLength = Len(.Text)
        frm_patient.SSTab_intake.Tab = 2
    End With
End Sub

```

```

Private Sub txtm_wage_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient.txtm_wage
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtm_wage_Validate(Cancel)
            If Cancel Then
                KeyAscii = 0
            Else
                End If
            ElseIf Chr(KeyAscii) = "." Then
                'allow only single decimal mark
                If InStr(1, .Text, ".", vbTextCompare) > 0 Then
                    'cannot allow more than one decimal place
                    KeyAscii = 0
                Else
                    'do nothing, allow single decimal mark
                End If
            ElseIf Chr(KeyAscii) Like "#" Then
                'do nothing, allow numeric
                'only allow numbers with no more than 2 decimal places
                dot_pos = InStr(1, .Text, ".", vbTextCompare)
                If dot_pos > 0 Then
                    If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
                        'do not allow
                        KeyAscii = 0
                    End If
                End If
            ElseIf KeyAscii = 8 Then
                'do nothing, allow delete key
            Else
                'do not allow any other characters
                KeyAscii = 0
            End If
    End With
End Sub

```

```

Private Sub txtm_wage_Validate(Cancel As Boolean)
    With frm_patient
        If .txtm_wage.Text = "" Or IsNumeric(.txtm_wage.Text) Then
            Cancel = False
            .txtm_wage.Text = Format(Val(.txtm_wage.Text), "0.00")
            .txta_wage.Text = Format(Val(.txtm_wage.Text) * 12, "0.00")
            .txtm_total_income.Text = Format(total_monthly_income, "0.00")
            .txta_total_income.Text = Format(total_annual_income, "0.00")
            .txtm_int_div.SetFocus
        ElseIf Not IsNumeric(.txtm_wage.Text) Then
            Cancel = True
        End If
    End With
End Sub

```

```

Private Sub txtman_care_company_Click()
    'only allow selection if none not selected

```

```

If frm_patient.optcommercial.Value Or _
frm_patient.optmedical.Value Or _
frm_patient.optsenior.Value Then
    With frminsurance
        .Top = frm_patient.Top
        .Left = 0
        .Show vbModal
    End With
End If
End Sub

```

```

Private Sub txtman_care_company_GotFocus()
    With frm_patient.txtman_care_company
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtman_care_company_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            If Trim(txtman_care_company.Text) = "" Then
                .txtman_care_policy.Text = ""
                .SSTab_intake.Tab = 3
                .txtrs_source.SetFocus
            Else
                .txtman_care_policy.SetFocus
            End If
        Else
            Call txtman_care_company_Click
        End If
    End With
End Sub

```

```

Private Sub txtman_care_policy_GotFocus()
    With frm_patient.txtman_care_policy
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtman_care_policy_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .SSTab_intake.Tab = 3
            .txtrs_source.SetFocus
        ElseIf Trim(txtman_care_company.Text) = "" Then
            'do not allow entry if no company selected
            KeyAscii = 0
        Else
            KeyAscii = Asc(UCase(Chr(KeyAscii)))
        End If
    End With
End Sub

```

```

Private Sub txtmcal_GotFocus()
    With frm_patient.txtmcal
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtmcal_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            'if entry, then allow user to go to issue date
            If Trim(txtmcal.Text) <> "" Then
                .txtissue.SetFocus
            Else
                .txtissue.Text = blank_date
                .txtmcal_share_of_cost.Text = ""
                .txtmcare.SetFocus
            End If
        Else
            KeyAscii = Asc(UCase(Chr(KeyAscii)))
        End If
    End With
End Sub

```

```

Private Sub txtmcal_share_of_cost_GotFocus()

```

```

With frm_patient.txtmcal_share_of_cost
.SelStart = 0
.SelLength = Len(.Text)
End With
End Sub

```

```

Private Sub txtmcal_share_of_cost_KeyPress(KeyAscii As Integer)
Dim Cancel As Boolean
With frm_patient.txtmcal_share_of_cost
If Trim(frm_patient.txtmcal.Text) <> "" Then
If KeyAscii = 9 Or KeyAscii = 13 Then
Call txtmcal_share_of_cost_Validate(Cancel)
If Cancel Then
KeyAscii = 0
Else
End If
ElseIf Chr(KeyAscii) = "." Then
'allow only single decimal mark
If InStr(1, .Text, ".", vbTextCompare) > 0 Then
'cannot allow more than one decimal place
KeyAscii = 0
Else
'do nothing, allow single decimal mark
End If
ElseIf Chr(KeyAscii) Like "#" Then
'do nothing, allow numeric
'only allow numbers with no more than 2 decimal places
dot_pos = InStr(1, .Text, ".", vbTextCompare)
If dot_pos > 0 Then
If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
'do not allow
KeyAscii = 0
End If
End If
ElseIf KeyAscii = 8 Then
'do nothing, allow delete key
Else
'do not allow any other characters
KeyAscii = 0
End If
Else
If KeyAscii = 9 Or KeyAscii = 13 Then
frm_patient.txtmcare.SetFocus
ElseIf KeyAscii = 8 Then
'allow backspace
Else
'no entry allowed when no mcal number
KeyAscii = 0
End If
End If
End With
End Sub

```

```

Private Sub txtmcal_share_of_cost_Validate(Cancel As Boolean)
With frm_patient
If .txtmcal_share_of_cost.Text = "" Or IsNumeric(.txtmcal_share_of_cost.Text) Then
Cancel = False
.txtmcal_share_of_cost.Text = Format(Val(.txtmcal_share_of_cost.Text), "0.00")
.txtmcare.SetFocus
ElseIf Not IsNumeric(.txtmcal_share_of_cost.Text) Then
Cancel = True
End If
End With
End Sub

```

```

Private Sub txtmcare_GotFocus()
With frm_patient.txtmcare
.SelStart = 0
.SelLength = Len(.Text)
End With
End Sub

```

```

Private Sub txtmcare_KeyPress(KeyAscii As Integer)
With frm_patient
If KeyAscii = 9 Or KeyAscii = 13 Then
If Trim(.txtmcare.Text) <> "" Then
.chkparta.SetFocus
Else
.chkparta.Value = 0
.chkpartb.Value = 0
End If
Else
KeyAscii = Asc(UCase(Chr(KeyAscii)))

```

```

    End If
  End With
End Sub

Private Sub txtmiddle_name_GotFocus()
  With frm_patient.txtmiddle_name
    .SelStart = 0
    .SelLength = Len(.Text)
  End With
End Sub

Private Sub txtmiddle_name_KeyPress(KeyAscii As Integer)
  If KeyAscii = 9 Or KeyAscii = 13 Then
    With frm_patient
      .txtaddress.SetFocus
    End With
  Else
    KeyAscii = Asc(UCCase(Chr(KeyAscii)))
  End If
End Sub

Private Sub txtname_GotFocus()
  With frm_patient.txtname
    .SelStart = 0
    .SelLength = Len(.Text)
  End With
End Sub

Private Sub txtname_KeyPress(KeyAscii As Integer)
  If KeyAscii = 9 Or KeyAscii = 13 Then
    With frm_patient
      .txtfirst_name.SetFocus
    End With
  Else
    KeyAscii = Asc(UCCase(Chr(KeyAscii)))
  End If
End Sub

Private Sub txtnet_assets_GotFocus()
  With frm_patient.txtnet_assets
    .SelStart = 0
    .SelLength = Len(.Text)
  End With
End Sub

Private Sub txtnet_assets_KeyPress(KeyAscii As Integer)
  Dim Cancel As Boolean
  With frm_patient.txtnet_assets
    If KeyAscii = 9 Or KeyAscii = 13 Then
      Call txtnet_assets_Validate(Cancel)
      If Cancel Then
        KeyAscii = 0
      Else
        End If
      ElseIf Chr(KeyAscii) = "." Then
        'allow only single decimal mark
        If InStr(1, .Text, ".", vbTextCompare) > 0 Then
          'cannot allow more than one decimal place
          KeyAscii = 0
        Else
          'do nothing, allow single decimal mark
        End If
      ElseIf Chr(KeyAscii) Like "#" Then
        'do nothing, allow numeric
        'only allow numbers with no more than 2 decimal places
        dot_pos = InStr(1, .Text, ".", vbTextCompare)
        If dot_pos > 0 Then
          If dot_pos = (Len(.Text) - 2) And .SelText <> .Text And .SelStart >= dot_pos Then
            'do not allow
            KeyAscii = 0
          End If
        End If
      ElseIf KeyAscii = 8 Then
        'do nothing, allow delete key
      Else
        'do not allow any other characters
        KeyAscii = 0
      End If
    End With
  End Sub

```



```

Private Sub txtnet_assets_Validate(Cancel As Boolean)
    With frm_patient
        If .txtnet_assets.Text = "" Or IsNumeric(.txtnet_assets.Text) Then
            Cancel = False
            .txta_other_income.Text = Format(Val(.txta_other_income.Text) * 12, "0.00")
            .txtnet_assets.Text = Format(Val(.txtnet_assets.Text), "0.00")
            .txtmcal.SetFocus
        ElseIf Not IsNumeric(.txtnet_assets.Text) Then
            Cancel = True
        End If
    End With
End Sub

Private Sub txtphone_GotFocus()
    With frm_patient.txtphone
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtphone_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    If KeyAscii = 9 Or KeyAscii = 13 Then
        Call txtphone_Validate(Cancel)
        If Cancel Then
            'do nothing
            MsgBox "Invalid Entry!", vbCritical, "ERROR"
            frm_patient.txtphone.SelStart = 0
            frm_patient.txtphone.SelLength = Len(frm_patient.txtphone.Text)
            frm_patient.txtphone.SetFocus
        Else
            With frm_patient
                .cmbrestype.SetFocus
            End With
        End If
    End If
End Sub

Private Sub txtphone_Validate(Cancel As Boolean)
    With frm_patient
        If .txtphone.Text = blank_phone Or .txtphone.Text Like "(###)###-####" Then
            'do nothing
        Else
            Cancel = True
        End If
    End With
End Sub

Private Sub txtpp_address_GotFocus()
    With frm_patient.txtpp_address
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtpp_address_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtpp_city.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtpp_city_GotFocus()
    With frm_patient.txtpp_city
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtpp_city_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtpp_state.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

```

```

End Sub

Private Sub txtpp_id_Click()
    Call init_frmRefPhys_msgf_phys_search
    frmRefPhys_Search.Left = 5000
    frmRefPhys_Search.Top = mdifrmmain.Top
    called_from_frm_patient = True
    frmRefPhys_Search.Show vbModal, mdifrmmain
    called_from_frm_patient = False
End Sub

Private Sub txtpp_id_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtpp_name.SetFocus
        ElseIf KeyAscii = 32 Then
            Call txtpp_id_Click
        Else
            KeyAscii = 0
        End If
    End With
End Sub

Private Sub txtpp_name_GotFocus()
    With frm_patient.txtpp_name
        .SelStart = 0
        .SelLength = Len(.Text)
        frm_patient.SSTab_intake.Tab = 1
    End With
End Sub

Private Sub txtpp_name_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtpp_address.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtpp_phone_GotFocus()
    With frm_patient.txtpp_phone
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtpp_phone_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtpp_name.SetFocus
            .msgf_sp.SetFocus
            Exit Sub
        Else
            KeyAscii = 0
            Exit Sub
        End If
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtpp_phone_Validate(Cancel)
            If Cancel Then
                'do nothing
                MsgBox "Invalid Phone Number!", vbCritical, "ERROR"
                .txtpp_phone.SelStart = 0
                .txtpp_phone.SelLength = Len(.txtpp_phone.Text)
                .txtpp_phone.SetFocus
            Else
                .msgf_sp.SetFocus
            End If
        End If
    End With
End Sub

Private Sub txtpp_phone_Validate(Cancel As Boolean)
    With frm_patient.txtpp_phone
        If .Text = blank_phone Or .Text Like "(###)###-####" Then
            'do nothing
        Else
            Cancel = True
        End If
    End With
End Sub

```

```

    End If
    End With
End Sub

Private Sub txtpp_state_GotFocus()
    With frm_patient.txtpp_state
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtpp_state_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtpp_zip.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtpp_zip_GotFocus()
    With frm_patient.txtpp_zip
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtpp_zip_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtpp_phone.SetFocus
            Exit Sub
        Else
            KeyAscii = 0
            Exit Sub
        End If
        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtpp_zip_Validate(Cancel)
            If Cancel Then
                'do nothing
                MsgBox "Invalid Entry!", vbCritical, "ERROR"
                .txtpp_zip.SelStart = 0
                .txtpp_zip.SelLength = Len(.txtpp_zip.Text)
                .txtpp_zip.SetFocus
            Else
                .txtpp_phone.SetFocus
            End If
        End If
    End With
End Sub

Private Sub txtpp_zip_Validate(Cancel As Boolean)
    With frm_patient.txtpp_zip
        If .Text = blank_zip Or .Text Like "#####-____" Or .Text Like "#####-#####" Then
            'do nothing
        Else
            Cancel = True
        End If
    End With
End Sub

Private Sub txtreferral_id_GotFocus()
    With frm_patient.txtreferral_id
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtreferral_id_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        If display_referral_record(frm_patient.txtreferral_id.Text) Then
            frm_patient.txtreferral_id.Enabled = False
            frm_patient.cmdSearch.Enabled = False
            frm_patient.cmdNew.Enabled = False
            frm_patient.mnuSocial = True
            frm_patient.txnname.SetFocus
        End If
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

```

```
End If
End Sub
```

```
Private Sub txtrs_address_GotFocus()
    With frm_patient.txtrs_address
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub
```

```
Private Sub txtrs_address_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtrs_city.SetFocus
        Else
            KeyAscii = Asc(UCCase(Chr(KeyAscii)))
        End If
    End With
End Sub
```

```
Private Sub txtrs_city_GotFocus()
    With frm_patient.txtrs_city
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub
```

```
Private Sub txtrs_city_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtrs_state.SetFocus
        Else
            KeyAscii = Asc(UCCase(Chr(KeyAscii)))
        End If
    End With
End Sub
```

```
Private Sub txtrs_company_GotFocus()
    With frm_patient.txtrs_company
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub
```

```
Private Sub txtrs_company_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .msfref_to.SetFocus
        Else
            KeyAscii = Asc(UCCase(Chr(KeyAscii)))
        End If
    End With
End Sub
```

```
Private Sub txtrs_name_GotFocus()
    With frm_patient.txtrs_name
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub
```

```
Private Sub txtrs_name_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtrs_address.SetFocus
        Else
            KeyAscii = Asc(UCCase(Chr(KeyAscii)))
        End If
    End With
End Sub
```

```
Private Sub txtrs_phone_GotFocus()
    With frm_patient.txtrs_phone
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub
```

```

Private Sub txtrs_phone_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            If KeyAscii = 9 Or KeyAscii = 13 Then
                .txtrs_company.SetFocus
                Exit Sub
            Else
                KeyAscii = 0
                Exit Sub
            End If
        End With

        Call txtrs_phone_Validate(Cancel)
        If Cancel Then
            'do nothing
            MsgBox "Invalid Phone Number!", vbCritical, "ERROR"
            .txtrs_phone.SetStart = 0
            .txtrs_phone.SetLength = Len(.txtrs_phone.Text)
            .txtrs_phone.SetFocus
        Else
            .txtrs_company.SetFocus
        End If
    End With
End If
End Sub

```

```

Private Sub txtrs_phone_Validate(Cancel As Boolean)
    With frm_patient.txtrs_phone
        If .Text = blank_phone Or .Text Like "(###)###-####" Then
            'do nothing
        Else
            Cancel = True
        End If
    End With
End Sub

```

```

Private Sub txtrs_source_Click()
    Call init_frmselect_rs_msf_rs
    Call display_rs_records
    frmselect_rs.Show vbModal
End Sub

```

```

Private Sub txtrs_source_GotFocus()
    With frm_patient.txtrs_source
        .SetStart = 0
        .SetLength = Len(.Text)
        frm_patient.SSTab_intake.Tab = 3
    End With
End Sub

```

```

Private Sub txtrs_source_KeyPress(KeyAscii As Integer)
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtrs_name.SetFocus
        ElseIf KeyAscii = 32 Then
            Call txtrs_source_Click
        Else
            KeyAscii = Asc(UCCase(Chr(KeyAscii)))
        End If
    End With
End Sub

```

```

Private Sub txtrs_state_GotFocus()
    With frm_patient.txtrs_state
        .SetStart = 0
        .SetLength = Len(.Text)
    End With
End Sub

```

```

Private Sub txtrs_state_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtrs_zip.SetFocus
        End With
    Else
        KeyAscii = Asc(UCCase(Chr(KeyAscii)))
    End If
End Sub

```

```

Private Sub txtrs_zip_GotFocus()
    With frm_patient.txtrs_zip
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtrs_zip_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    With frm_patient
        If KeyAscii = 9 Or KeyAscii = 13 Then
            .txtrs_phone.SetFocus
            Exit Sub
        Else
            KeyAscii = 0
            Exit Sub
        End If

        If KeyAscii = 9 Or KeyAscii = 13 Then
            Call txtrs_zip_Validate(Cancel)
            If Cancel Then
                'do nothing
                MsgBox "Invalid Entry!", vbCritical, "ERROR"
                .txtrs_zip.SelStart = 0
                .txtrs_zip.SelLength = Len(.txtrs_zip.Text)
                .txtrs_zip.SetFocus
            Else
                .txtrs_phone.SetFocus
            End If
        End If
    End With
End Sub

Private Sub txtrs_zip_Validate(Cancel As Boolean)
    With frm_patient.txtrs_zip
        If .Text = blank_zip Or .Text Like "#####-____" Or .Text Like "#####-#####" Then
            'do nothing
        Else
            Cancel = True
        End If
    End With
End Sub

Private Sub txtcg_address_GotFocus()
    With frm_patient.txtcg_address
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtcg_address_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtcg_city.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtcg_city_GotFocus()
    With frm_patient.txtcg_city
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtcg_city_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtcg_state.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtcg_name_GotFocus()
    With frm_patient.txtcg_name
        .SelStart = 0
    End With
End Sub

```

```

        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtcg_name_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtcg_address.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtcg_phone_GotFocus()
    With frm_patient.txtcg_phone
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtcg_phone_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    If KeyAscii = 9 Or KeyAscii = 13 Then
        Call txtcg_phone_Validate(Cancel)
        If Cancel Then
            'do nothing
            MsgBox "Invalid Entry!", vbCritical, "ERROR"
            frm_patient.txtcg_phone.SelStart = 0
            frm_patient.txtcg_phone.SelLength = Len(frm_patient.txtcg_phone.Text)
            frm_patient.txtcg_phone.SetFocus
        Else
            With frm_patient
                .SSTab_intake.Tab = 1
                .txtpp_id.SetFocus
            End With
        End If
    End If
End Sub

Private Sub txtcg_phone_Validate(Cancel As Boolean)
    With frm_patient.txtcg_phone
        If .Text = blank_phone Or .Text Like "(###)###-####" Then
            'do nothing
        Else
            Cancel = True
        End If
    End With
End Sub

Private Sub txtcg_state_GotFocus()
    With frm_patient.txtcg_state
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtcg_state_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtcg_zip.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtcg_zip_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    If KeyAscii = 9 Or KeyAscii = 13 Then
        Call txtcg_zip_Validate(Cancel)
        If Cancel Then
            'do nothing
            MsgBox "Invalid Entry!", vbCritical, "ERROR"
            frm_patient.txtcg_zip.SelStart = 0
            frm_patient.txtcg_zip.SelLength = Len(frm_patient.txtcg_zip.Text)
            frm_patient.txtcg_zip.SetFocus
        Else
            With frm_patient
                .txtcg_phone.SetFocus
            End With
        End If
    End If
End Sub

```

```

        End With
    End If
End Sub

Private Sub txtcg_zip_Validate(Cancel As Boolean)
    With frm_patient
        If .txtcg_zip.Text = blank_zip Or .txtcg_zip.Text Like "##### ____" Or .txtcg_zip.Text Like "#####-#####" Then
            'do nothing
        Else
            Cancel = True
        End If
    End With
End Sub

Private Sub txtssn_GotFocus()
    With frm_patient.txtSSN
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtssn_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    If KeyAscii = 9 Or KeyAscii = 13 Then
        Call txtssn_Validate(Cancel)
        If Cancel Then
            'do nothing
            MsgBox "Invalid Entry!", vbCritical, "ERROR"
            frm_patient.txtSSN.SelStart = 0
            frm_patient.txtSSN.SelLength = Len(frm_patient.txtSSN.Text)
            frm_patient.txtSSN.SetFocus
        Else
            With frm_patient
                .cmbethnicity.SetFocus
            End With
        End If
    End If
End Sub

Private Sub txtssn_Validate(Cancel As Boolean)
    With frm_patient
        If .txtSSN.Text = blank_ssn Or .txtSSN.Text Like "###-##-#####" Then
            'do nothing
        Else
            Cancel = True
        End If
    End With
End Sub

Private Sub txtstate_GotFocus()
    With frm_patient.txtstate
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtstate_KeyPress(KeyAscii As Integer)
    If KeyAscii = 9 Or KeyAscii = 13 Then
        With frm_patient
            .txtzip.SetFocus
        End With
    Else
        KeyAscii = Asc(UCase(Chr(KeyAscii)))
    End If
End Sub

Private Sub txtzip_GotFocus()
    With frm_patient.txtzip
        .SelStart = 0
        .SelLength = Len(.Text)
    End With
End Sub

Private Sub txtzip_KeyPress(KeyAscii As Integer)
    Dim Cancel As Boolean
    If KeyAscii = 9 Or KeyAscii = 13 Then
        Call txtzip_Validate(Cancel)
        If Cancel Then

```



```

'do nothing
MsgBox "Invalid Entry!", vbCritical, "ERROR"
frm_patient.txtzip.SelStart = 0
frm_patient.txtzip.SelLength = Len(frm_patient.txtzip.Text)
frm_patient.txtzip.SelFocus
Else
With frm_patient
.txtphone.SetFocus
End With
End If
End If
End Sub

Private Sub txtzip_Validate(Cancel As Boolean)
With frm_patient
If .txtzip.Text = blank_zip Or .txtzip.Text Like "####-____" Or .txtzip.Text Like "####-####" Then
'do nothing
Else
Cancel = True
End If
End With
End Sub

```

frmadd_problem

```

frmadd_ref_phys
frmadd_refto
frmadd_rs
frmADHC
frmCareGiver
frmDepress
frmDiagDesc
frmdup_problem_reass_date
frmedit_refto_decline_date
frmedit_refto_enroll_date
frmedit_refto_term_date
frmEnvironmental_Safety
frmFuncCurr
frmFunctional
frmFunctional_Deficits
frmHouseHold
frmICMP
frmInfmalSys
frminfo_supp_sys
frminsurance
frmlabel
frmlinkages
frmlinkages_detail
frmloading
frmlogin
frmMiniAsse
frmMiniasse1
frmMnse
frmMssp
frmNeedAsseForm
frmNeeded_Equipment
frmNew_Assessment
frmPace
frmQstNaire
frmreferral_search
frmRefPhys_Search
frmReport
frmRisk
frmselect_ref_phys
frmselect_rs
frmSW
mdlfrmain
Print_rpt

```

SHCS_MODULE

```

Public session As Object

Public nextnum_file As IUvfile
Public lab_file As IUvfile
Public ref_ctrl_file As IUvfile
Public referral_file As IUvfile
Public refto_file As IUvfile
Public ref_program_file As IUvfile
Public ref_source_file As IUvfile
Public insurance_table_file As IUvfile
Public cm_file As IUvfile

```

```

Public care_plan_file As IUvfile
Public lang_code_file As IUvfile
Public rs_category_file As IUvfile 'referral source category
Public ref_physician_file As IUvfile 'referral physician file
Public speciality_table_file As IUvfile 'file of physician specialties
Public icda_file As IUvfile
Public adhcsw_file As IUvfile '7.16.2002
Public icmpsw_file As IUvfile '7.09.2002 file of ICMP
Public msspssw_file As IUvfile '7.16.2002
Public paccessw_file As IUvfile '7.13.2002
Public adliadl_file As IUvfile '7.09.2002 file of ADLIADL
'Public physician_file As IUvfile '9.20.2002

Public new_ref_record As CUvDynArray
Public new_refo_records() As CUvDynArray

Public temp_functionality_record As CUvDynArray
Public temp_equipment_record As CUvDynArray
Public temp_safety_record As CUvDynArray
Public temp_risk_record As CUvDynArray
'add temp array for shared information
Public temp_adliadl_record As CUvDynArray
Public temp_living_record As CUvDynArray
Public temp_formal_supp_record As CUvDynArray
Public house_info_supp_record As CUvDynArray
Public non_house_info_supp_record As CUvDynArray
Public medication_record As CUvDynArray
Public old_medication_record As CUvDynArray

'social worker
Public care_plan_record As CUvDynArray
Public new_icda_record As CUvDynArray
Public new_adhc_record As CUvDynArray
Public new_icmp_record As CUvDynArray
Public new_mssp_record As CUvDynArray
Public new_pace_record As CUvDynArray
Public new_assessment As CUvDynArray

'log in information
Public user_name As Variant
Public user_password As Variant

Public Const account_path = "ALTA.AR"
'Public Const host_name = "192.168.0.152" 'ALTA-MED Server address
Public Const host_name = "HealthCare" 'NT Offsite Server Name

Public referral_dict_file As Object

Public atransaction As IUvTransaction

Public host_date As Variant
Public host_time As Variant

Public Const fn_referral = "REFERRAL" 'file name for REFERRAL file
Public Const fn_refo = "REFTO"
Public Const fn_ref_program = "REF.PROGRAM"
Public Const fn_ref_source = "REF.SOURCE"
Public Const fn_insurance_table = "INSURANCE.TABLE"
Public Const fn_nextnum = "NEXTNUM"
Public Const fn_lab = "LAB"
Public Const fn_cm = "CM"
Public Const fn_care_plan = "CARE.PLAN"
Public Const fn_lang_code = "LANG.CODE"
Public Const fn_rs_category = "RS.CATEGORY"
Public Const fn_ref_physician = "CIREF.PHYSICIAN"
Public Const fn_speciality_table = "SPECIALTY2.TABLE"
Public Const fn_icda = "ICDA"
'add files name for social worker
Public Const fn_adhcsw = "ADHCSSW"
Public Const fn_icmpsw = "ICMPSSW"
Public Const fn_msspssw = "MSSPSSW"
Public Const fn_paccessw = "PACCESSW"
Public Const fn_adliadl = "ADLIADL"
'Public Const fn_physician = "PHYSICIAN.TABLE"

Public Const nextnum_cm_rn = "NEXT.CM" 'record name of nextnum file containing last used record number of CM file
Public Const nextnum_referral_rn = "REFERRAL" 'record name of nextnum file containing next available record number of REFERRAL file
Public Const nextnum_refsource_rn = "REFSOURCE" 'record name of nextnum file containing next available record number of REF.SOURCE file
Public Const nextnum_ref_phys_rn = "NEXT.CIRP" 'record name of nextnum file containing next available record number of REF.PHYSICIAN file

Public Const blank_phone = "( ) - -"
Public Const blank_ssn = " - - -"
Public Const blank_zip = " - -"
Public Const blank_date = " / /"
Public Const blank_zip2 = " -"

```

```

Public Const blank_phone2 = "( ) - "
Public Const blank_ssn2 = " - "
Public Const blank_height = " - ""
Public called_from_frm_patient As Boolean
Public assess_newflag As Boolean ' to consider is a new assessment or not
Public prout As Boolean ' to control the clear display function for the printing job
Public CallNO As Integer ' Call form identifier
Public ques(13) As String
Public comment(13) As Variant

'General routines
Sub copy_dynarray(from_array As IUvDynArray, to_array As CUvDynArray, from_start_attr As Variant, from_end_attr As Variant, to_start_attr As Variant)
'routine to copy the attributes from from_array
'starting at attribute number from_start_attr thru
'attribute number from_end_attr into to_array starting in position to_start_attr
'in to_array. This will over-write everything in the attribute positions in to_array,
'not insert.
ts_attr = Val(to_start_attr)
For i = Val(from_start_attr) To Val(from_end_attr)
to_array.Field(ts_attr) = from_array.Field(i)
ts_attr = ts_attr + 1
Next i
End Sub

Function age(bday As Variant, fday As Variant) As Variant
'routine to calculate age using
'bday = birthday
'oday = on day (ie age on specified day)
If bday <> blank_date Then
days_aged = Val(session.Iconv(fday, "D4/") - Val(session.Iconv(bday, "D4/"))
Else
days_aged = 0
End If
age = Int(days_aged / 365.25)
End Function

Sub login()
'routine for user login to UNIVERSE system
Dim done As Boolean
Set session = CreateObject(UV_SESSION_OBJECT)
done = False
Do While Not done
frmlogin.txtuser.Text = "Administrator"
frmlogin.txtpassword.Text = ""
frmlogin.Show vbModal
session.UserName = user_name
session.Password = user_password
session.AccountPath = account_path
session.HostName = host_name
session.Transport = NETWORK_TCP
session.Connect
If session.Error = 39134 Then
MsgBox "MegaWest User Limit has been reached! Unable to Login!", vbCritical, "MegaWest User Limit Reached!"
End
ElseIf session.Error <> 0 Then
done = False
MsgBox "Invalid User or Password! Try again or click 'Cancel' to exit.", vbCritical, "ERROR"
Else
done = True
End If
Loop
End Sub

Sub reconnect()
resp = MsgBox("Lost Host Connection! Would you like to reconnect?", vbYesNo + vbDefaultButton2, "Connection?")
If resp = vbYes Then
Call login
Call openfiles
frmloading.Show
frmloading.Refresh
Unload frmloading
Else
MsgBox "Disconnect from system!", vbCritical, "ERROR"
End
End If
End Sub

Sub Main()
Call login
Call openfiles
prout = False
frmloading.Show
frmloading.Refresh
'initialize insurance table display
Call init_frminsurance_grid

```

```

Call display_insurance_lists

Call init_frm_patient_msgref_to_grid
Call init_frm_patient_msgf_sp

Call init_frm_patient_list(frmpatient.cmbethnicity.name)
Call init_frm_patient_list(frmpatient.cmbmarital_status.name)
Call init_frm_patient_list(frmpatient.cmbownership.name)
Call init_frm_patient_list(frmpatient.cmbrestype.name)
Call init_frm_patient_list(frmpatient.cmbprim_lang.name)
Call init_frm_patient_list(frmpatient.cmbtrans_lang.name)

Call init_frmFunctional_list(frmpFunctional.cboEating.name)
Call init_frmFunctional_list(frmpFunctional.cboDressing.name)
Call init_frmFunctional_list(frmpFunctional.cboTransfer.name)
Call init_frmFunctional_list(frmpFunctional.cboBathing.name)
Call init_frmFunctional_list(frmpFunctional.cboToileting.name)
Call init_frmFunctional_list(frmpFunctional.cboGrooming.name)
Call init_frmFunctional_list(frmpFunctional.cboMedications.name)
Call init_frmFunctional_list(frmpFunctional.cboStair_Climbing.name)
Call init_frmFunctional_list(frmpFunctional.cboMobility_Outdoor.name)
Call init_frmFunctional_list(frmpFunctional.cboHousework.name)
Call init_frmFunctional_list(frmpFunctional.cboLaundry.name)
Call init_frmFunctional_list(frmpFunctional.cboShopping_Errands.name)
Call init_frmFunctional_list(frmpFunctional.cboMeal_Prep_Cleanup.name)
Call init_frmFunctional_list(frmpFunctional.cboTransportation.name)
Call init_frmFunctional_list(frmpFunctional.cboMobility_Indoor.name)
Call init_frmFunctional_list(frmpFunctional.cboTelephone.name)
Call init_frmFunctional_list(frmpFunctional.cboMoney_Management.name)
Call init_frmFunctional_list(frmpFunctional.cboWalking.name)

'call init_frmadd_refto_cmbprogram
Call init_frmadd_refto_msgref_to_progs

Unload frmloading
mdifrmmain.Show
With frm_patient
    .mnuAction.Enabled = False
    .mnuReport.Enabled = True
    .mnuSocial.Enabled = False
    .cmdsave.Enabled = False
    .framcandidate_info.Enabled = False
    .SSTab_intake.Enabled = False
    .SSTab_intake.Tab = 0
    .Show
End With
End Sub

Sub openfiles()
'routine to open pertinent files
If error_opening(referral_file, fn_referral) Then
    End
End If
If error_opening(refto_file, fn_refto) Then
    End
End If
If error_opening(ref_program_file, fn_ref_program) Then
    End
End If
If error_opening(ref_source_file, fn_ref_source) Then
    End
End If
If error_opening(insurance_table_file, fn_insurance_table) Then
    End
End If
If error_opening(nextnum_file, fn_nextnum) Then
    End
End If
If error_opening(lab_file, fn_lab) Then
    End
End If
If error_opening(cm_file, fn_cm) Then
    End
End If
If error_opening(care_plan_file, fn_care_plan) Then
    End
End If
If error_opening(lang_code_file, fn_lang_code) Then
    End
End If
If error_opening(rs_catagory_file, fn_rs_catagory) Then
    End
End If
If error_opening(ref_physician_file, fn_ref_physician) Then
    End
End If
End Sub

```

```

If error_opening(specialty_table_file, fn_specialty_table) Then
    End
End If
If error_opening(icda_file, fn_icda) Then
    End
End If
'for social worker
If error_opening(adhcsw_file, fn_adhcsw) Then
    End
End If
If error_opening(icmpsw_file, fn_icmpsw) Then
    End
End If
If error_opening(msspssw_file, fn_msspssw) Then
    End
End If
If error_opening(pacessw_file, fn_pacessw) Then
    End
End If
If error_opening(adliadl_file, fn_adliadl) Then
    End
End If
'If error_opening(physician_file, fn_physician) Then
'    End
'End If
End Sub

Function error_opening(file_var As IUvfile, file_name As Variant) As Boolean
'routine to determine if error occurs when opening file
error_opening = True
On Error Resume Next
Set file_var = session.OpenFile(file_name)
If Err.Number <> 0 Then
    MsgBox "VBEError " & Err.Number & ": " & Err.Description & "!", vbCritical, "VBEError opening " & file_name & " file."
    Exit Function
End If
On Error GoTo 0
If session.Error <> 0 Then
    MsgBox file_name & " file may not exist in system!", vbCritical, "ERROR"
    Exit Function
End If
If file_var.Error <> 0 Then
    MsgBox "UVEError " & file_var.Error & "! Contact System Programmer.", vbCritical, "UVEError opening " & file_name & " file."
    Exit Function
End If
error_opening = False
End Function

Sub get_host_date_time(host_date As Variant, host_time As Variant)
'routine to get the date and time from the server
'rather than from the workstation
session.Command.Text = "TIME"
If Not session.IsActive Then
    Call reconnect
End If
If session.IsActive Then
    On Error Resume Next
    session.Command.Exec
    If Err.Number <> 0 Then
        MsgBox "VBEError getting host Date and Time!", vbCritical, "ERROR"
        host_date = "ERROR"
        host_time = "ERROR"
        Exit Sub
    End If
    On Error GoTo 0
    If session.Command.Error <> 0 Then
        MsgBox "UVEError getting host Date and Time!", vbCritical, "ERROR"
        host_date = "ERROR"
        host_time = "ERROR"
        Exit Sub
    End If
    thedate_time = session.Command.Response
    'remove last two characters (suspect cr-lf)
    thedate_time = Left(thedate_time, Len(thedate_time) - 2)
    spacepos = InStr(1, thedate_time, " ", vbTextCompare)
    thetime = Left(thedate_time, spacepos - 1)
    thedate = Mid(thedate_time, spacepos + 1)
    host_date = session.Iconv(thedate, "D4/")
    host_time = session.Iconv(thetime, "MTS")
    Exit Sub
Else
    MsgBox "Lost Host Connection! Ending Program!", vbCritical, "Connection Lost!"
End
End If
End Sub

```

```

Function get_new_record_id(record_name As Variant) As Variant
'function to return next record_id
Dim nextnum_record As New CUvDynArray
nextnum_file.RecordId = record_name
nextnum_file.LockStrategy = EXCLUSIVE_UPDATE
nextnum_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next
nextnum_file.Read
If Err.Number <> 0 Then
    MsgBox "VBEError " & Err.Number & "; " & Err.Description & " --- Error reading NEXTNUM record "" & record_name & "". Cannot get new record ID in
order to save!", vbCritical, "ERROR"
    get_new_record_id = "ERROR"
    nextnum_file.UnlockRecord
    Exit Function
End If
On Error GoTo 0
If nextnum_file.Error <> 0 Then
    MsgBox "UVEError " & nextnum_file.Error & " --- Error reading NEXTNUM record "" & record_name & "". Cannot get new record ID in order to save!",
vbCritical, "ERROR"
    get_new_record_id = "ERROR"
    nextnum_file.UnlockRecord
    Exit Function
End If
Set nextnum_record = nextnum_file.Record
new_record_id = nextnum_record.Field(1)
If Val(new_record_id) = 0 Then
    new_record_id = 1
End If
next_record_id = Val(new_record_id) + 1
next_record_id = Trim(next_record_id)
nextnum_record.Field(1) = next_record_id
On Error Resume Next
nextnum_file.Write
If Err.Number <> 0 Then
    MsgBox "VBEError " & Err.Number & "; " & Err.Description & " --- Error writing to NEXTNUM record "" & record_name & "". Cannot save!", vbCritical,
"ERROR"
    get_new_record_id = "ERROR"
    nextnum_file.UnlockRecord
    Exit Function
End If
On Error GoTo 0
If nextnum_file.Error <> 0 Then
    MsgBox "UVEError " & nextnum_file.Error & " --- Error writing to NEXTNUM record "" & record_name & "". Cannot save!", vbCritical, "ERROR"
    get_new_record_id = "ERROR"
    nextnum_file.UnlockRecord
    Exit Function
End If
get_new_record_id = new_record_id
End Function

Sub display_data_on_form(form_name As Form)
'routine to display selected referral
'data on form_name
With frmreferral_search
    If .msgreferral_search.Row > 0 Then
        Select Case form_name.name
            Case Is = frm_patient.name
                If display_referral_record(.msgreferral_search.TextMatrix(.msgreferral_search.Row, 0)) Then
                    form_name.txreferral_id.Enabled = False
                    form_name.framcandidate_info.Enabled = True
                    form_name.SSTab_intake.Enabled = True
                    frm_patient.mnuSocial.Enabled = True
                    form_name.cmdSearch.Enabled = False
                    form_name.cmdnew.Enabled = False
                    Unload frmreferral_search
                End If
            End Select
        End If
    End With
    frm_patient.mnuReport.Enabled = True
End Sub

Sub cancel_referral()
Call clear_referral
With frm_patient
    .framcandidate_info.Enabled = False
    .SSTab_intake.Enabled = False
    .cmdsave.Enabled = False
    .mnuAction.Enabled = False
    .mnuSocial.Enabled = False
    .txreferral_id.Enabled = True
    .cmdSearch.Enabled = True
    .cmdnew.Enabled = True
    .txreferral_id.SetFocus
End With

```

```

referral_file.CloseFile
refto_file.CloseFile
If error_opening(referral_file, "REFERRAL") Then
    MsgBox "Error canceling referral. Ending program.", vbCritical, "Error...ending program."
End
Else
End If
If error_opening(refto_file, "REFTO") Then
    MsgBox "Error canceling referral. Ending program.", vbCritical, "Error...ending program."
End
Else
End If
End Sub

```

```

Sub clear_referral()
With frm_patient
    .txtreferral_id.Text = ""
    .lblref_intake_date.Caption = ""
    .lblstatus.Caption = ""

    .txtname.Text = ""
    .txtfirst_name.Text = ""
    .txtmiddle_name.Text = ""
    .txtaddress.Text = ""
    .txtaddress2.Text = ""
    .txtCity.Text = ""
    .txtstate.Text = ""
    .txtzip.Text = blank_zip
    .txtphone.Text = blank_phone
    .cmbrestype.ListIndex = -1
    .cmbownership.ListIndex = -1
    .txtcomments.Text = ""
    frmNeeded_Equipment.txtNEqui = ""
    frmEnvironmental_Safety.txtcomments = ""

```

'GENERAL TAB

```

.SSTab_intake.Tab = 0
.optmale.Value = False
.optfemale.Value = False
.chkcitizen.Value = 0
.chkimpaired.Value = 0
.cmbmarital_status.ListIndex = -1
.txtbirthdate.Text = blank_date
.txtage.Text = ""
.txtSSN.Text = blank_ssn
.cmbethnicity.ListIndex = -1
.txtlanguage.Text = ""
.cmbprim_lang.ListIndex = -1
.chktranslator.Value = 0
.txttrans_lang.Text = ""
.cmbtrans_lang.ListIndex = -1
.cmbtrans_lang.Enabled = False

.chklivealone.Value = 0
.txtlw_name.Text = ""
.txtlw_relation.Text = ""
.txtlw_num_fam.Text = ""

```

```

.txtcg_name.Text = ""
.txtcg_address.Text = ""
.txtcg_city.Text = ""
.txtcg_state.Text = ""
.txtcg_zip.Text = blank_zip
.txtcg_phone.Text = blank_phone

```

'CONTACTS tab

```

.txtpp_name.Text = ""
.txtpp_address.Text = ""
.txtpp_city.Text = ""
.txtpp_state.Text = ""
.txtpp_zip.Text = blank_zip
.txtpp_phone.Text = blank_phone
.txtpp_id.Text = ""
Call init_frm_patient_msfg_sp

```

```

.txtec_name.Text = ""
.txtec_address.Text = ""
.txtec_city.Text = ""
.txtec_state.Text = ""
.txtec_zip.Text = blank_zip
.txtec_phone.Text = blank_phone
.txtec_relation.Text = ""

```

'FINANCIALS tab

```

.txtm_wage.Text = ""

```

```

.txtm_int_div.Text = ""
.txtm_pension.Text = ""
.txtm_ss.Text = ""
.txtm_ssi.Text = ""
.txtm_other_income.Text = ""
.txtm_total_income.Text = ""

.txta_wage.Text = ""
.txta_int_div.Text = ""
.txta_pension.Text = ""
.txta_ss.Text = ""
.txta_ssi.Text = ""
.txta_other_income.Text = ""
.txta_total_income.Text = ""

.txtm_housing_expenses.Text = ""
.txtm_medical_expenses.Text = ""
.txtnet_assets.Text = ""

.txtmcal.Text = ""
.txtissue.Text = blank_date
.txtmcal_share_of_cost.Text = ""

.txtmcare.Text = ""
.chkparta.Value = 0
.chkpartb.Value = 0

.txthealth_company.Text = ""
.lblhealth_name.Caption = ""
.txthealth_policy.Text = ""

.optnone.Value = True
.optmedical.Value = False
.optcommercial.Value = False
.optsenior.Value = False
.txtman_care_company.Text = ""
.txtman_care_policy.Text = ""

'REFERRAL tab
.txttrs_source.Text = ""
.txttrs_name.Text = ""
.txttrs_address.Text = ""
.txttrs_city.Text = ""
.txttrs_state.Text = ""
.txttrs_zip.Text = blank_zip
.txttrs_phone.Text = blank_phone
.txttrs_company.Text = ""
.txttrs_catagory.Text = ""

Call init_frm_patient_msgref_to_grid
Call init_frm_patient_msgf_sp
End With
End Sub

Sub init_frm_patient_list(comboBox_name As Variant)
'routine to initialize a named combo box
Dim language_list As IUvSelectList
Dim language_record As IUvDynArray

With frm_patient
Select Case comboBox_name
Case ls = .cmbethnicity.name
.cmbethnicity.Clear
.cmbethnicity.AddItem "A=Asian"
.cmbethnicity.AddItem "B=Black, Not Hispanic American"
.cmbethnicity.AddItem "I=Indian/Alaskan Native"
.cmbethnicity.AddItem "W=White, Not Hispanic"
.cmbethnicity.AddItem "H=Hispanic, All Races"
.cmbethnicity.AddItem "U=Unreported"
Case ls = .cmbmarital_status.name
.cmbmarital_status.Clear
.cmbmarital_status.AddItem "M=Married"
.cmbmarital_status.AddItem "W=Widowed"
.cmbmarital_status.AddItem "S=Single"
.cmbmarital_status.AddItem "D=Divorced"
.cmbmarital_status.AddItem "X=Legally Separated"
.cmbmarital_status.AddItem "U=Unknown"
Case ls = .cmbownership.name
.cmbownership.Clear
.cmbownership.AddItem "Rent"
.cmbownership.AddItem "Own"
.cmbownership.AddItem "Other"
Case ls = .cmbrestype.name
.cmbrestype.Clear
.cmbrestype.AddItem "House"
.cmbrestype.AddItem "Apartment"

```



```

.cmbrestype.AddItem "MH"
.cmbrestype.AddItem "Hotel"
.cmbrestype.AddItem "B&R"
.cmbrestype.AddItem "RCF"
.cmbrestype.AddItem "SNF"
.cmbrestype.AddItem "Other"
.cmbrestype.AddItem "Homeless"
Case Is = .cmbprim_lang.name

.cmbprim_lang.Clear
If session.IsActive Then
Set language_list = session.SelectList(0)
language_list.ClearList
session.Command.Text = "SSELECT LANG.CODE"
On Error Resume Next
session.Command.Exec
If session.Error <> 0 Then
MsgBox "UVErrror selecting LANG.CODE items!", vbCritical, "UVErrror"
Exit Sub
End If

lang_code_file.RecordId = language_list.Next
Do While Not language_list.LastRecordRead
lang_code_file.Read
If lang_code_file.Error <> 0 Then
MsgBox "UVErrror reading LANG.CODE record " & lang_code_file.RecordId & ". ", vbCritical, "UVErrror"
End If
Set language_record = lang_code_file.Record
.cmbprim_lang.AddItem language_record.Field(1) & Space(50) & lang_code_file.RecordId
lang_code_file.RecordId = language_list.Next
Loop
Else
MsgBox "Error reading LANG.CODE! Ending program!", vbCritical, "ERROR"
End
End If

Case Is = .cmbtrans_lang.name
With frm_patient
.cmbtrans_lang.Clear
If session.IsActive Then
Set language_list = session.SelectList(0)
language_list.ClearList
session.Command.Text = "SSELECT LANG.CODE"
On Error Resume Next
session.Command.Exec
If session.Error <> 0 Then
MsgBox "UVErrror selecting LANG.CODE items!", vbCritical, "UVErrror"
Exit Sub
End If

lang_code_file.RecordId = language_list.Next
Do While Not language_list.LastRecordRead
lang_code_file.Read
If lang_code_file.Error <> 0 Then
MsgBox "UVErrror reading LANG.CODE record " & lang_code_file.RecordId & ". ", vbCritical, "UVErrror"
End If
Set language_record = lang_code_file.Record
.cmbtrans_lang.AddItem language_record.Field(1) & Space(50) & lang_code_file.RecordId
lang_code_file.RecordId = language_list.Next
Loop
Else
MsgBox "Error reading LANG.CODE! Ending program!", vbCritical, "ERROR"
End
End If
End With

End Select
End With
End Sub

Sub init_screen_for_adding_new_record()
'routine to initialize screen for new intake
With frm_patient
Call clear_referral
Call get_host_date_time(host_date, host_time)
If host_date = "ERROR" Then
End
Else
.Ibref_intake_date.Caption = session.Oconv(host_date, "D4")
.Iblstatus.Caption = "NEW"
'menu
.mnuAction.Enabled = True
.mnuSocial.Enabled = True
.framcandidate_info.Enabled = True
.SSTab_intake.Enabled = True
End If

```

```

End With
End Sub
Function display_referral_record(ref_id As Variant) As Boolean
'returns false if cannot display referral record,
'true after displaying referral record
Dim ref_record As IUvDynArray
Dim ref_to_record As IUvDynArray
Dim ref_source_record As IUvDynArray
Dim ref_physician_record As IUvDynArray
Dim found As Boolean

display_referral_record = True
'open referral record
referral_file.RecordId = ref_id
referral_file.LockStrategy = EXCLUSIVE_UPDATE
referral_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE

On Error Resume Next
referral_file.Read
If Err.Number <> 0 Then
MsgBox "VBEError reading REFERRAL record "" & ref_id & "". Unable to display!", vbCritical, "VBERROR"
display_referral_record = False
Exit Function
End If
On Error GoTo 0
If referral_file.Error <> 0 Then
MsgBox "UVEError reading REFERRAL record "" & ref_id & "". Unable to display!", vbCritical, "UVEERROR"
display_referral_record = False
Exit Function
End If
Set ref_record = referral_file.Record

'copy functionality data to temp_functionality_record from ref_record
Set temp_functionality_record = New CUvDynArray
Call copy_dynarray(ref_record, temp_functionality_record, 46, 63, 1)

'copy equipment data to temp_equipment_record from ref_record<65>
Set temp_equipment_record = New CUvDynArray
Call copy_dynarray(ref_record, temp_equipment_record, 65, 65, 1)
Call copy_dynarray(ref_record, temp_equipment_record, 64, 64, 2)
'copy Safety data to temp_safety_record from ref_record<66>
Set temp_safety_record = New CUvDynArray
Call copy_dynarray(ref_record, temp_safety_record, 66, 66, 1)
Call copy_dynarray(ref_record, temp_safety_record, 73, 73, 2)
'copy Safety data to temp_risk_record from ref_record<200>-<210>
Set temp_risk_record = New CUvDynArray
Call copy_dynarray(ref_record, temp_risk_record, 200, 210, 1)
'open ref to record
numref_to_records = ref_record.Field(147).count
frm_patient.msfgref_to.Clear
Call init_frm_patient_msfgref_to_grid
For ref_to_num = 1 To numref_to_records
ref_to_file.RecordId = ref_record.Value(147, ref_to_num)
ref_to_file.LockStrategy = EXCLUSIVE_UPDATE
ref_to_file.ReleaseStrategy = EXPLICIT_RELEASE + WRITE_RELEASE + CHANGE_RELEASE

On Error Resume Next
ref_to_file.Read
If Err.Number <> 0 Then
MsgBox "VBEError reading REF_TO record "" & ref_to_file.RecordId & "". Unable to display!", vbCritical, "VBERROR"
display_referral_record = False
Exit Function
End If
On Error GoTo 0
If ref_to_file.Error <> 0 Then
MsgBox "UVEError reading REF_TO record "" & ref_to_file.RecordId & "". Unable to display!", vbCritical, "UVEERROR"
display_referral_record = False
Exit Function
End If
Set ref_to_record = ref_to_file.Record
'need to get ref to program name from REF.PROGRAM<1>
ref_program_file.RecordId = ref_to_record.Field(1)
On Error Resume Next
ref_program_file.ReadField 1
If Err.Number <> 0 Then
MsgBox "VBEError reading REF.PROGRAM record "" & ref_program_file.RecordId & "". Unable to display!", vbCritical, "VBERROR"
End If
On Error GoTo 0
If ref_program_file.Error <> 0 Then
MsgBox "UVEError reading REF.PROGRAM record "" & ref_program_file.RecordId & "". Unable to display!", vbCritical, "UVEERROR"
End If
theprog_name = ref_program_file.Record.Field(1)
theprog_id = ref_to_record.Field(1)
theterm_date = session.Oconv(ref_to_record.Field(7), "D4/")
If Trim(theterm_date) = "" Then
theprog_id = "" & theprog_id

```

```

End If
thelname = ""
themname = ""
thefname = ""
sw_id = ""
sw_name = ""
thephone = ""
If ref_to_record.Field(9) <> "" Then
    ref_physician_file.RecordId = ref_to_record.Field(9)
    On Error Resume Next
    ref_physician_file.Read
    If Err.Number <> 0 Then
        MsgBox "VbError " & Err.Number & "; " & Err.Description & "--- Unable to read REF.PHYSICIAN record "" & ref_physician_file.RecordId & "".",
vbCritical, "VbError Displaying Specialty Physician(s)"
        display_referral_record = False
        Exit Function
    End If
    On Error GoTo 0
    If ref_physician_file.Error = UVE_RNF Then
        'record not found, display warning but allow
        'program to continue
        MsgBox "Warning: Unable to find REF.PHYSICIAN record "" & ref_physician_file.RecordId & "" ... Record may have been deleted by another
user! Unable to display this Specialty Physician Information!", vbCritical, "Missing Record"
    ElseIf ref_physician_file.Error <> 0 Then
        MsgBox "UVEError " & ref_physician_file.Error & " --- Unable to read REF.PHYSICIAN record "" & ref_physician_file.RecordId & "".", vbCritical,
"UVEError Displaying Specialty Physician(s)"
    Else
        Set ref_physician_record = ref_physician_file.Record
        thelname = ref_physician_record.Field(1)
        themname = ref_physician_record.Field(2)
        thefname = ref_physician_record.Field(3)
        sw_id = ref_physician_file.RecordId
        sw_name = thelname & ", " & thefname & " " & themname
        thephone = ref_physician_record.Field(8)
    End If
End If
frm_patient.msfgref_to.AddItem theprog_id & Chr(9) & _
    theprog_name & Chr(9) & _
    session.Oconv(ref_to_record.Field(2), "D4") & Chr(9) & _
    ref_to_record.Field(3) & Chr(9) & _
    ref_to_record.Field(4) & Chr(9) & _
    session.Oconv(ref_to_record.Field(5), "D4") & Chr(9) & _
    session.Oconv(ref_to_record.Field(6), "D4") & Chr(9) & _
    session.Oconv(ref_to_record.Field(7), "D4") & Chr(9) & _
    ref_to_file.RecordId & Chr(9) & _
    Chr(9) & _
    sw_id & Chr(9) & _
    sw_name & Chr(9) & _
    thephone
Next ref_to_num

'display referral record on frm_patient
With frm_patient
    .txtreferral_id.Text = ref_id
    .lblref_intake_date.Caption = session.Oconv(ref_record.Field(1), "D4")
    .lblstatus.Caption = ref_record.Field(148)
    .txtfirst_name.Text = ref_record.Field(2)
    .txtname.Text = ref_record.Field(3)
    .txtmiddle_name.Text = ref_record.Field(189)
    .txtaddress.Text = ref_record.Field(4)
    .txtaddress2.Text = ref_record.Field(5)
    .txtCity.Text = ref_record.Field(6)
    .txtstate.Text = ref_record.Field(7)
    thezip = ref_record.Field(8)
    If thezip = "" Then
        thezip = blank_zip
    ElseIf Right(thezip, 1) = "-" Then
        thezip = thezip & "____"
    ElseIf Len(thezip) = 5 Then
        thezip = thezip & "- ____"
    End If
    .txtzip.Text = thezip
    thephone = ref_record.Field(9)
    If Trim(thephone) = "" Then
        thephone = blank_phone
    End If
    If thephone Like "#####-#####" Then
        thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
    End If
    .txtphone.Text = thephone

found = False
For i = 0 To .cmbrestype.ListCount - 1
    If .cmbrestype.List(i) = ref_record.Field(20) Then
        .cmbrestype.ListIndex = i
        found = True
    End If
Next i

```

```

Exit For
End If
Next i
If Not found Then
'set to unknown
.cmbrestype.ListIndex = 7
End If

found = False
For i = 0 To .cmbownership.ListCount - 1
If .cmbownership.List(i) = ref_record.Field(19) Then
.cmbownership.ListIndex = i
found = True
Exit For
End If
Next i
If Not found Then
'set to unknown
.cmbownership.ListIndex = 2
End If

.txtcomments.Text = ""
If .txtcomments.Text = "" Then
.txtcomments.Text = ref_record.Field(30).TextValue
End If
If frmNeeded_Equipment.txtNEqui = "" Then
frmNeeded_Equipment.txtNEqui = ref_record.Field(64).TextValue
End If
If frmEnvironmental_Safety.txtcomments = "" Then
frmEnvironmental_Safety.txtcomments = ref_record.Field(73).TextValue
End If
'DISPLAY GENERAL INFO
.optmale.Value = IIf(ref_record.Field(12) = "M", True, False)
.optfemale.Value = IIf(ref_record.Field(12) = "F", True, False)
.chkcitizen.Value = IIf(ref_record.Field(16) = "Y", 1, 0)
.chkimpaired.Value = IIf(ref_record.Field(18) = "Y", 1, 0)
found = False
For i = 0 To .cmbmarital_status.ListCount - 1
If Left(.cmbmarital_status.List(i), 1) = ref_record.Field(13) Then
.cmbmarital_status.ListIndex = i
found = True
Exit For
End If
Next i
If Not found Then
'set to unknown
.cmbmarital_status.ListIndex = 5
End If

thebdate = ref_record.Field(10)
If thebdate <> "" Then
.txtbirthdate.Text = Format(session.Oconv(ref_record.Field(10), "D4/"), "mm/dd/yyyy")
Else
.txtbirthdate.Text = blank_date
End If

theage = ref_record.Field(11)
If .txtbirthdate.Text <> blank_date Then
theage = age(frm_patient.txtbirthdate.Text, Date)
End If
.txtage.Text = theage

thessn = ref_record.Field(21)
If thessn = "" Then
thessn = blank_ssn
Elseif thessn Like "###-##-####" Then
'do nothing
.txtSSN.Text = thessn
Elseif Len(thessn) > 9 Then
thessn = Left(thessn, 9)
.txtSSN.Text = Format(thessn, "###-##-####")
End If
found = False
For i = 0 To .cmbethnicity.ListCount - 1
If Left(.cmbethnicity.List(i), 1) = ref_record.Field(14) Then
.cmbethnicity.ListIndex = i
found = True
Exit For
End If
Next i
If Not found Then
'set to unknown
.cmbethnicity.ListIndex = 5
End If

found = False

```

```

thelang_code = ref_record.Field(15)
num_lang = .cmbprim_lang.ListCount
For lang_num = 0 To num_lang - 1
    If Trim(thelang_code) = Trim(Right(.cmbprim_lang.List(lang_num), 50)) Then
        .cmbprim_lang.ListIndex = lang_num
        found = True
        Exit For
    End If
Next lang_num
If Not found Then
    .cmbprim_lang.ListIndex = num_lang - 1 'let to last language code which is unknown
End If

If ref_record.Field(149) <> "" Then
    .chktranslator.Value = 1
    found = False
    thelang_code = ref_record.Field(149)
    num_lang = .cmbtrans_lang.ListCount
    For lang_num = 0 To num_lang - 1
        If Trim(thelang_code) = Trim(Right(.cmbtrans_lang.List(lang_num), 50)) Then
            .cmbtrans_lang.ListIndex = lang_num
            found = True
            Exit For
        End If
    Next lang_num
    If Not found Then
        .cmbtrans_lang.ListIndex = num_lang - 1 'set to last language code which is unknown
    End If
Else
    .chktranslator.Value = 0
    .cmbtrans_lang.Enabled = False
End If

.chklivealone.Value = IIf(ref_record.Field(17) = "Y", 1, 0)
If .chklivealone.Value = 0 Then
    .txlhw_name.Text = ref_record.Field(150)
    .txlhw_relation.Text = ref_record.Field(151)
    .txlhw_num_fam.Text = ref_record.Field(152)
End If

.txlhw_name.Text = ref_record.Field(153)
.txlhw_address.Text = ref_record.Field(154)
.txlhw_city.Text = ref_record.Field(155)
.txlhw_state.Text = ref_record.Field(177)
thezip = ref_record.Field(178)
If thezip = "" Then
    thezip = blank_zip
Elseif Right(thezip, 1) = "-" Then
    thezip = thezip & "____"
Elseif Len(thezip) = 5 Then
    thezip = thezip & "-____"
End If
.txlhw_zip.Text = thezip
thecg_phone = ref_record.Field(156)
If Trim(thecg_phone) = "" Then
    thecg_phone = blank_phone
End If
.txlhw_phone.Text = thecg_phone

'DISPLAY PRIM PHYS/SPECIALTY PHYS/EMERGENCY CONTACT INFO
ref_physician_file.LockStrategy = None
ref_physician_file.ReleaseStrategy = READ_RELEASE
ref_physician_file.RecordId = ref_record.Field(31)
If ref_physician_file.RecordId = "" Then
    thelname = ""
    themname = ""
    thefname = ""
    theaddress = ""
    thecity = ""
    thestate = ""
    thezip = ""
    thepp_phone = ""
    thespecialty = ""
Else
    On Error Resume Next
    ref_physician_file.Read
    If Err.Number <> 0 Then
        MsgBox "VBEror " & Err.Number & ": " & Err.Description & "--- Unable to read REF.PHYSICIAN record "" & ref_physician_file.RecordId & "".",
vbCritical, "VBEror Displaying Primary Physician"
        display_referral_record = False
        Exit Function
    End If
    On Error GoTo 0
    If ref_physician_file.Error = UVE_RNF Then
        'record not found, display warning but allow
        'program to continue

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```

        MsgBox "Warning: Unable to find REF.PHYSICIAN record " & ref_physician_file.RecordId & " ... Record may have been deleted by another
user! Unable to display Primary Physician Information!", vbCritical, "Missing Record"
    ElseIf ref_physician_file.Error <> 0 Then
        MsgBox "UVErrror" & ref_physician_file.Error & " --- Unable to read REF.PHYSICIAN record " & ref_physician_file.RecordId & ". ", vbCritical,
"UVErrror Displaying Primary Physician"
        display_referral_record = False
        Exit Function
    Else 'no error, display record
        Set ref_physician_record = ref_physician_file.Record
        thelname = ref_physician_record.Field(1)
        themname = ref_physician_record.Field(2)
        thefname = ref_physician_record.Field(3)
        theaddress = ref_physician_record.Field(4)
        thecity = ref_physician_record.Field(5)
        thestate = ref_physician_record.Field(6)
        thezip = ref_physician_record.Field(7)
        thepp_phone = ref_physician_record.Field(8)
        thespecialty = ref_physician_record.Field(9)
    End If
End If
.txtpp_name.Text = Trim(thefname & " " & themname & " " & thelname)
.txtpp_address.Text = theaddress
.txtpp_city.Text = thecity
.txtpp_state.Text = thestate
If thezip = "" Then
    thezip = blank_zip
ElseIf Right(thezip, 1) = "-" Then
    thezip = thezip & "-"
ElseIf Len(thezip) = 5 Then
    thezip = thezip & "-____"
End If
.txtpp_zip.Text = thezip
If Trim(thepp_phone) = "" Then
    thepp_phone = blank_phone
End If
.txtpp_phone.Text = thepp_phone
.txtpp_specialty.Text = thespecialty
.txtpp_id.Text = ref_physician_file.RecordId
Call Init_frm_patient_msg_sp
ref_physician_file.LockStrategy = None
ref_physician_file.ReleaseStrategy = READ_RELEASE
num_rp = ref_record.Field(157).count
For rp_num = 1 To num_rp
    ref_physician_file.RecordId = ref_record.Value(157, rp_num)
    On Error Resume Next
    ref_physician_file.Read
    If Err.Number <> 0 Then
        MsgBox "VBErrror" & Err.Number & ": " & Err.Description & "---- Unable to read REF.PHYSICIAN record " & ref_physician_file.RecordId & ". ",
vbCritical, "VBErrror Displaying Specialty Physician(s)"
        display_referral_record = False
        Exit Function
    End If
    On Error GoTo 0
    If ref_physician_file.Error = UVE_RNF Then
        'record not found, display warning but allow
        'program to continue
        MsgBox "Warning: Unable to find REF.PHYSICIAN record " & ref_physician_file.RecordId & " ... Record may have been deleted by another
user! Unable to display this Specialty Physician Information!", vbCritical, "Missing Record"
    ElseIf ref_physician_file.Error <> 0 Then
        MsgBox "UVErrror" & ref_physician_file.Error & " --- Unable to read REF.PHYSICIAN record " & ref_physician_file.RecordId & ". ", vbCritical,
"UVErrror Displaying Specialty Physician(s)"
    Else 'no error, display record
        Set ref_physician_record = ref_physician_file.Record
        thelname = ref_physician_record.Field(1)
        themname = ref_physician_record.Field(2)
        thefname = ref_physician_record.Field(3)
        theaddress = ref_physician_record.Field(4)
        thecity = ref_physician_record.Field(5)
        thestate = ref_physician_record.Field(6)
        thezip = ref_physician_record.Field(7)
        thephone = ref_physician_record.Field(8)
        thespecialty = ref_physician_record.Field(9)
        .msgf_sp.AddItem thelname & Chr(9) & _
            themname & Chr(9) & _
            thefname & Chr(9) & _
            thespecialty & Chr(9) & _
            theaddress & Chr(9) & _
            thecity & Chr(9) & _
            thestate & Chr(9) & _
            thezip & Chr(9) & _
            thephone & Chr(9) & _
            ref_physician_file.RecordId
    End If
Next rp_num

.txtec_name.Text = ref_record.Field(36)

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.txtec_address.Text = ref_record.Field(37)
.txtec_city.Text = ref_record.Field(38)
.txtec_state.Text = ref_record.Field(183)
thezip = ref_record.Field(184)
If thezip = "" Then
    thezip = blank_zip
Elseif Right(thezip, 1) = "." Then
    thezip = thezip & "-"
Elseif Len(thezip) = 5 Then
    thezip = thezip & "-"
End If
.txtec_zip.Text = thezip
theec_phone = ref_record.Field(39)
If Trim(theec_phone) = "" Then
    theec_phone = blank_phone
End If
.txtec_phone.Text = theec_phone
.txtec_relation.Text = ref_record.Field(35)

'DISPLAY FINANCIAL INFO
.txm_wage.Text = session.Oconv(ref_record.Field(161), "MD2")
.txm_int_div.Text = session.Oconv(ref_record.Field(162), "MD2")
.txm_pension.Text = session.Oconv(ref_record.Field(163), "MD2")
.txm_ss.Text = session.Oconv(ref_record.Field(164), "MD2")
.txm_ssi.Text = session.Oconv(ref_record.Field(165), "MD2")
.txm_other_income.Text = session.Oconv(ref_record.Field(166), "MD2")
.txla_wage.Text = Format(Val(.txm_wage) * 12, "0.00")
.txla_int_div.Text = Format(Val(.txm_int_div.Text) * 12, "0.00")
.txla_pension.Text = Format(Val(.txm_pension.Text) * 12, "0.00")
.txla_ss.Text = Format(Val(.txm_ss.Text) * 12, "0.00")
.txla_ssi.Text = Format(Val(.txm_ssi.Text) * 12, "0.00")
.txla_other_income.Text = Format(Val(.txm_other_income.Text) * 12, "0.00")
.txm_total_income.Text = Format(total_monthly_income, "0.00")
.txla_total_income.Text = Format(total_annual_income, "0.00")

.txm_housing_expenses.Text = session.Oconv(ref_record.Field(167), "MD2")
.txm_medical_expenses.Text = session.Oconv(ref_record.Field(168), "MD2")

.txtnet_assets.Text = session.Oconv(ref_record.Field(169), "MD2")

.txlmcsl.Text = ref_record.Field(23)
theissue = ref_record.Field(24)
If theissue <> "" Then
    .txlissue.Text = Format(session.Oconv(ref_record.Field(24), "D4/"), "mm/dd/yyyy")
Else
    .txlissue.Text = blank_date
End If
.txlmcsl_share_of_cost.Text = session.Oconv(ref_record.Field(176), "MD2")

.txlmcare.Text = ref_record.Field(22)
.chkparta.Value = IIf(ref_record.Field(170) = "Y", 1, 0)
.chkpartb.Value = IIf(ref_record.Field(171) = "Y", 1, 0)

ins_co_id = ref_record.Field(26)
.txthealth_company.Text = ins_co_id
num_ins_co = frminsurance.msfginsurance.Rows - 1
For ins_co_num = 1 To num_ins_co
    If frminsurance.msfginsurance.TextMatrix(ins_co_num, 0) = ins_co_id Then
        .lblhealth_name.Caption = frminsurance.msfginsurance.TextMatrix(ins_co_num, 1)
    Exit For
End If
Next ins_co_num
.txthealth_policy.Text = ref_record.Field(27)

the_man_care_type = ref_record.Field(173)
If the_man_care_type = "" Then
    .optnone.Value = True
Elseif the_man_care_type = "MEDI-CAL" Then
    .optmedical.Value = True
Elseif the_man_care_type = "COMMERCIAL" Then
    .optcommercial.Value = True
Elseif the_man_care_type = "SENIOR" Then
    .optsenior.Value = True
Else
    .optnone.Value = True
End If
ins_co_id = ref_record.Field(174)
.txlman_care_company.Text = ins_co_id
num_ins_co = frminsurance.msfginsurance.Rows - 1
For ins_co_num = 1 To num_ins_co
    If frminsurance.msfginsurance.TextMatrix(ins_co_num, 0) = ins_co_id Then
        .lblman_care_name.Caption = frminsurance.msfginsurance.TextMatrix(ins_co_num, 1)
    Exit For
End If
Next ins_co_num
.txlman_care_policy.Text = ref_record.Field(175)

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'DISPLAY REFERRAL INFO
.txtrs_source.Text = ref_record.Field(40)
If Not IsNumeric(.txtrs_source.Text) Then
.txtrs_name.Text = ref_record.Field(41)
.txtrs_address.Text = ref_record.Field(43)
.txtrs_city.Text = ref_record.Field(44)
.txtrs_state.Text = ref_record.Field(185)
thezip = ref_record.Field(186)
If thezip = "" Then
thezip = blank_zip
Elseif Right(thezip, 1) = "-" Then
thezip = thezip & "____"
Elseif Len(thezip) = 5 Then
thezip = thezip & "-____"
End If
.txtrs_zip.Text = thezip
txtrs_phone = ref_record.Field(45)
If Trim(txtrs_phone) = "" Then
txtrs_phone = blank_phone
End If
If txtrs_phone Like "#####-####" Then
txtrs_phone = "(" & Left(txtrs_phone, 3) & ")" & Mid(txtrs_phone, 5)
End If
.txtrs_phone.Text = txtrs_phone
.txtrs_company.Text = ref_record.Field(42)
Else
ref_source_file.RecordId = Trim(.txtrs_source.Text)
ref_source_file.LockStrategy = None
On Error Resume Next
ref_source_file.Read
If Err.Number <> 0 Then
MsgBox "VBEror reading REF.SOURCE record " & ref_source_file.RecordId & ". ", vbCritical, "ERROR"
display_referral_record = False
Exit Function
End If
On Error GoTo 0
If ref_source_file.Error = UVE_RNF Then
'record not found
MsgBox "Warning: Unable to find REF.SOURCE record " & ref_source_file.RecordId & " ... Record may have been deleted by another user!
Unable to display Referral Source Information!", vbCritical, "Missing Record"
Elseif ref_source_file.Error <> 0 Then
MsgBox "UVEror reading REF.SOURCE record " & ref_source_file.RecordId & ". ", vbCritical, "ERROR"
display_referral_record = False
Exit Function
End If
Set ref_source_record = ref_source_file.Record
.txtrs_source.Text = ref_source_file.RecordId
.txtrs_catagory = ref_source_record.Field(8)
.txtrs_company.Text = ref_source_record.Field(1)
.txtrs_name.Text = ref_source_record.Field(2)
.txtrs_address.Text = ref_source_record.Field(3)
.txtrs_city.Text = ref_source_record.Field(4)
.txtrs_state.Text = ref_source_record.Field(5)
thezip = ref_source_record.Field(6)
If Right(thezip, 1) = "-" Then
thezip = thezip & "____"
Elseif thezip = "" Then
thezip = blank_zip
Elseif Len(thezip) = 5 Then
thezip = thezip & "-____"
End If
.txtrs_zip.Text = thezip
thephone = ref_source_record.Field(7)
If thephone = "" Then
thephone = blank_phone
End If
.txtrs_phone.Text = thephone
End If

If .lblstatus.Caption = "NEW" Or _
.lblstatus.Caption = "" Then
.mnuAction.Enabled = False
.mnuSocial.Enabled = False
Elseif .lblstatus.Caption = "ENROLLED" Or .lblstatus.Caption = "HOLD" Then
.mnuAction.Enabled = True
.mnuReport.Enabled = True
.mnuSocial.Enabled = True
Else
.mnuAction.Enabled = True
.mnuSocial.Enabled = True
.mnuAssessment.Enabled = True
End If
.framcandidate_info.Enabled = True
.SSTab_intake.Enabled = True
.cmdsave.Enabled = True

```



```

With frm_patient
If Trim(.lblref_intake_date.Caption) = "" Then
Call get_host_date_time(host_date, host_time)
If host_date <> "ERROR" Then
.lblref_intake_date.Caption = session.Oconv(host_date, "D4/")
Else
Exit Function
End If
End If
thestatus = .lblstatus.Caption
If thestatus = "" Or thestatus = "NEW" Then
'if new, creates a new referral record array
Set new_ref_record = New CUvDynArray
Set temp_functionality_record = New CUvDynArray
Set temp_equipment_record = New CUvDynArray
Set temp_safety_record = New CUvDynArray
'add for risk points
Set temp_risk_record = New CUvDynArray
'if new, creates the new social worker record array
'set the records for social wroker
Set temp_living_record = New CUvDynArray
Set temp_formal_supp_record = New CUvDynArray
Set house_info_supp_record = New CUvDynArray
Set non_house_info_supp_record = New CUvDynArray
Set medication_record = New CUvDynArray
Set new_assessment = New CUvDynArray
new_ref_record.Field(148) = "HOLD"
Else
'must be existing record, set to existing record
Set new_ref_record = referral_file.Record
new_ref_record.Field(148) = thestatus
End If
'copy social worker information to new_ref_record
'set the records for social wroker
'living arrangement relationship, paid by IHSS, IHSS paid hours
Call copy_dynarray(temp_living_record, new_ref_record, 1, 3, 141)
'subsize housing dollar
Call copy_dynarray(temp_living_record, new_ref_record, 4, 4, 160)
'M housing expense(Rent)
Call copy_dynarray(temp_living_record, new_ref_record, 5, 5, 167)
'live alone
Call copy_dynarray(temp_living_record, new_ref_record, 6, 6, 17)
'residence ownership, type
Call copy_dynarray(temp_living_record, new_ref_record, 7, 8, 19)
'subsize house
Call copy_dynarray(temp_living_record, new_ref_record, 10, 10, 133)
'monthly income leve highest level of education
Call copy_dynarray(temp_living_record, new_ref_record, 20, 21, 144)
'medication for
Call copy_dynarray(temp_living_record, new_ref_record, 22, 22, 105)
'can the primary caregiver be the first person to be notified in case of an emergency?
Call copy_dynarray(temp_living_record, new_ref_record, 23, 24, 179)
'can the primary caregiver relationship
Call copy_dynarray(temp_living_record, new_ref_record, 25, 25, 158)
'legal representative type
Call copy_dynarray(temp_living_record, new_ref_record, 30, 37, 95)
'access for ADHC
Call copy_dynarray(temp_living_record, new_ref_record, 40, 53, 81)
Call copy_dynarray(temp_formal_supp_record, new_ref_record, 1, 8, 124)
Call copy_dynarray(house_info_supp_record, new_ref_record, 1, 9, 115)
Call copy_dynarray(non_house_info_supp_record, new_ref_record, 1, 9, 106)
'medicatin
Call copy_dynarray(medication_record, new_ref_record, 1, 7, 134)
Call copy_dynarray(medication_record, new_ref_record, 8, 8, 159)
'ADHC, ICMP, MSSP, PACE exsiting accessment term
Call copy_dynarray(new_assessment, new_ref_record, 1, 4, 67)
Call copy_dynarray(new_assessment, new_ref_record, 5, 8, 221)
'the original parts
ref_id = Trim(.txtreferral_id.Text)
new_ref_record.Field(1) = session.Iconv(.lblref_intake_date.Caption, "D4/")
the_iname = Trim(.txtname.Text)
If the_iname = "" Then

Else
new_ref_record.Field(3) = the_iname
End If

the_fname = Trim(.txtfirst_name.Text)
If the_fname = "" Then
MsgBox "First Name is a required field!", vbCritical, "Required Field!"
.txtfirst_name.SetFocus
Exit Function
Else
new_ref_record.Field(2) = the_fname
End If

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the_mname = Trim(.txtmiddle_name.Text)
new_ref_record.Field(189) = the_mname
theaddress = Trim(.txtaddress.Text)
If theaddress = "" Then
    MsgBox "Address 1 is a required field!", vbCritical, "Required Field!"
    .txtaddress.SetFocus
    Exit Function
Else
    new_ref_record.Field(4) = theaddress
End If

theaddress = Trim(.txtaddress2.Text)
new_ref_record.Field(5) = theaddress

thecity = Trim(.txtCity.Text)
If thecity = "" Then
    MsgBox "City is a required field!", vbCritical, "Required Field!"
    .txtCity.SetFocus
    Exit Function
Else
    new_ref_record.Field(6) = thecity
End If

thestate = Trim(.txtstate.Text)
If thestate = "" Then
    MsgBox "State is a required field!", vbCritical, "Required Field!"
    .txtstate.SetFocus
    Exit Function
Else
    new_ref_record.Field(7) = thestate
End If

thezip = Trim(.txtzip.FormattedText)
If thezip = Trim(blank_zip2) Then
    thezip = ""
ElseIf Len(thezip) = 6 Then
    thezip = Left(thezip, 5)
End If
new_ref_record.Field(8) = thezip

thephone = .txtphone.FormattedText
If thephone = blank_phone2 Then
    thephone = ""
End If
If thephone = "" Then
    MsgBox "Phone Number is a required field!", vbCritical, "Required Field!"
    .txtphone.SetFocus
    Exit Function
Else
    new_ref_record.Field(9) = thephone
End If

If .cmbrestype.ListIndex = -1 Then
    MsgBox "Residence Type is a required field!", vbCritical, "Required Field!"
    .cmbrestype.SetFocus
    Exit Function
Else
    new_ref_record.Field(20) = .cmbrestype.List(.cmbrestype.ListIndex)
End If

If .cmbownership.ListIndex = -1 Then
    MsgBox "Ownership is a required field!", vbCritical, "Required Field!"
    .cmbownership.SetFocus
    Exit Function
Else
    new_ref_record.Field(19) = .cmbownership.List(.cmbownership.ListIndex)
End If

'check COMMENTS FIELD
temp.Field(1).TextValue = .txtcomments.Text
new_ref_record.Field(30) = temp.Field(1)
new_ref_record.Field(64) = frmNeeded_Equipment.txtNEqui
new_ref_record.Field(73) = frmEnvironmental_Safety.txtcomments
If .optmale.Value = False And .optfemale.Value = False Then
    If convert_to_cm_record Then
        MsgBox "Sex is a required field!", vbCritical, "Required Field!"
        .SSTab_intake.Tab = 0
        .SSTab_intake.SetFocus
        Exit Function
    Else
        new_ref_record.Field(12) = ""
    End If
ElseIf .optmale.Value Then
    new_ref_record.Field(12) = "M"

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ElseIf .optfemale.Value Then
    new_ref_record.Field(12) = "F"
End If
new_ref_record.Field(16) = IIf(.chkcitizen.Value = 1, "Y", "N")
new_ref_record.Field(18) = IIf(.chkimpaired.Value = 1, "Y", "N")

the_marital_status = Left(.cmbmarital_status.List(.cmbmarital_status.ListIndex), 1)
If the_marital_status = "" Then
    If convert_to_cm_record Then
        MsgBox "Marital Status is a required field!", vbCritical, "Required Field!"
        .SSTab_intake.Tab = 0
        .cmbmarital_status.SetFocus
        Exit Function
    Else
        new_ref_record.Field(13) = ""
    End If
ElseIf the_marital_status = "U" And convert_to_cm_record Then
    MsgBox "Marital Status cannot be Unknown when converting to CM record!", vbCritical, "Cannot be Unknown."
    .SSTab_intake.Tab = 0
    .cmbmarital_status.SetFocus
    Exit Function
Else
    new_ref_record.Field(13) = the_marital_status
End If

thebdate = session.Iconv(.txtbirthdate.FormattedText, "D4")
If thebdate = "" And convert_to_cm_record Then
    MsgBox "Birthdate is a required field!", vbCritical, "Required Field!"
    .SSTab_intake.Tab = 0
    .txtbirthdate.SetFocus
    Exit Function
End If
new_ref_record.Field(10) = thebdate
new_ref_record.Field(11) = .xtage.Text

the_ssn = IIf(.txtSSN.Text = blank_ssn, "", .txtSSN.Text)
If the_ssn = "" And (thestatus = "NEW" Or thestatus = "") Then
    If convert_to_cm_record Then
        MsgBox "Social Security Number is a required field!", vbCritical, "Required Field!"
        .SSTab_intake.Tab = 0
        .txtSSN.SetFocus
        Exit Function
    Else
        new_ref_record.Field(21) = ""
    End If
ElseIf the_ssn = "" And convert_to_cm_record Then
    MsgBox "Social Security Number is a required field!", vbCritical, "Required Field!"
    .SSTab_intake.Tab = 0
    .txtSSN.SetFocus
    Exit Function
Else
    new_ref_record.Field(21) = the_ssn
End If

If .cmbethnicity.ListIndex = -1 And convert_to_cm_record Then
    MsgBox "Ethnicity is a required field!", vbCritical, "Required Field!"
    .SSTab_intake.Tab = 0
    .cmbethnicity.SetFocus
    Exit Function
ElseIf Left(.cmbethnicity.List(.cmbethnicity.ListIndex), 1) = "U" And convert_to_cm_record Then
    MsgBox "Ethnicity cannot be Unreported when converting to CM record!", vbCritical, "Cannot be Unreported."
    .SSTab_intake.Tab = 0
    .cmbethnicity.SetFocus
    Exit Function
End If
new_ref_record.Field(14) = Left(.cmbethnicity.List(.cmbethnicity.ListIndex), 1)

If .cmbprim_lang.ListIndex = -1 And convert_to_cm_record Then
    MsgBox "Primary Language is a required field!", vbCritical, "Required Field!"
    .SSTab_intake.Tab = 0
    .cmbprim_lang.SetFocus
    Exit Function
ElseIf InStr(1, UCase(Trim(.cmbprim_lang.Text)), "UNKNOWN", vbTextCompare) > 0 And convert_to_cm_record Then
    MsgBox "Primary Language cannot be Unknown when converting to CM record!", vbCritical, "Cannot be Unknown."
    .SSTab_intake.Tab = 0
    .cmbprim_lang.SetFocus
    Exit Function
End If
new_ref_record.Field(15) = Trim(Right(.cmbprim_lang.Text, 50))

If .chktranslator.Value = 1 Then
    If .cmbtrans_lang.ListIndex = -1 Then
        MsgBox "Translator Language required when Need Translator checked!", vbCritical, "Required Field!"
        .SSTab_intake.Tab = 0
        .cmbtrans_lang.SetFocus
        Exit Function
    End If
End If

```

```

Else
    new_ref_record.Field(149) = Trim(Right(.cmbtrans_lang.Text, 50))
End If
End If

If .chklivealone.Value = 1 Then
    new_ref_record.Field(17) = "Y"
    new_ref_record.Field(150) = ""
    new_ref_record.Field(151) = ""
    new_ref_record.Field(152) = ""
Else
    new_ref_record.Field(17) = "N"
    thelw_name = Trim(.txtlw_name.Text)
    thelw_rel = Trim(.txtlw_relation.Text)
    thelw_num_fam = Trim(.txtlw_num_fam.Text)
    If thelw_name = "" Or thelw_rel = "" Or thelw_num_fam = "" Then
        MsgBox "All Lives With Fields are required when Candidate does not live alone!", vbCritical, "Required Fields!"
        .SSTab_intake.Tab = 0
        .txtlw_name.SetFocus
        Exit Function
    Else
        new_ref_record.Field(150) = thelw_name
        new_ref_record.Field(151) = thelw_rel
        new_ref_record.Field(152) = thelw_num_fam
    End If
End If

new_ref_record.Field(153) = Trim(.txtcg_name.Text)
new_ref_record.Field(154) = Trim(.txtcg_address.Text)
new_ref_record.Field(155) = Trim(.txtcg_city.Text)
new_ref_record.Field(177) = Trim(.txtcg_state.Text)
thezip = Trim(.txtcg_zip.FormattedText)
If thezip = Trim(blank_zip2) Then
    thezip = ""
ElseIf Len(thezip) = 6 Then
    thezip = Left(thezip, 5)
End If
new_ref_record.Field(178) = thezip
new_ref_record.Field(156) = If(Trim(.txtcg_phone.Text) = blank_phone, "", Trim(.txtcg_phone.Text))

'check PRIM PHYS/SPECIALTY PHYS/EMERGENCY CONTACT INFO
If .txtp_id.Text = "" And convert_to_cm_record Then
    MsgBox "A Primary Physician must be selected!", vbCritical, "Required Field!"
    .SSTab_intake.Tab = 1
    .txtp_id.SetFocus
    Exit Function
End If
new_ref_record.Field(31) = .txtp_id.Text

num_sp = .msgf_sp.Rows - 1
new_ref_record.Field(157) = ""
For sp_num = 1 To num_sp
    the_rp_id = .msgf_sp.TextMatrix(sp_num, 9)
    new_ref_record.Value(157, -1) = the_rp_id
Next sp_num

theec_name = Trim(.txtec_name.Text)
theec_address = Trim(.txtec_address.Text)
theec_city = Trim(.txtec_city.Text)
theec_state = Trim(.txtec_state.Text)
thezip = Trim(.txtec_zip.FormattedText)
If thezip = Trim(blank_zip2) Then
    thezip = ""
ElseIf Len(thezip) = 6 Then
    thezip = Left(thezip, 5)
End If
theec_phone = If(.txtec_phone.Text = blank_phone, "", .txtec_phone.Text)
theec_relation = Trim(.txtec_relation.Text)
If convert_to_cm_record Then
    If theec_name = "" Or _
        theec_address = "" Or _
        theec_city = "" Or _
        theec_state = "" Or _
        thezip = "" Or _
        theec_phone = "" Or _
        theec_relation = "" Then
        MsgBox "All Emergency Contact fields must be filled in!", vbCritical, "All Emergency Contact fields must be filled in."
        .SSTab_intake.Tab = 1
        .txtec_name.SetFocus
        Exit Function
    End If
End If
new_ref_record.Field(36) = theec_name
new_ref_record.Field(37) = theec_address
new_ref_record.Field(38) = theec_city
new_ref_record.Field(183) = theec_state

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new_ref_record.Field(184) = thezip
new_ref_record.Field(39) = theec_phone
new_ref_record.Field(35) = theec_relation

'check FINANCIALS INFO
themwage = Val(.txtm_wage.Text)
themintdiv = Val(.txtm_int_div.Text)
thempen = Val(.txtm_pension.Text)
themss = Val(.txtm_ss.Text)
themssi = Val(.txtm_ssi.Text)
themother = Val(.txtm_other_income.Text)
new_ref_record.Field(161) = session.Iconv(themwage, "MD2")
new_ref_record.Field(162) = session.Iconv(themintdiv, "MD2")
new_ref_record.Field(163) = session.Iconv(thempen, "MD2")
new_ref_record.Field(164) = session.Iconv(themss, "MD2")
new_ref_record.Field(165) = session.Iconv(themssi, "MD2")
new_ref_record.Field(166) = session.Iconv(themother, "MD2")

them_housing_exp = Val(.txtm_housing_expenses.Text)
them_medical_exp = Val(.txtm_medical_expenses.Text)
new_ref_record.Field(167) = session.Iconv(them_housing_exp, "MD2")
new_ref_record.Field(168) = session.Iconv(them_medical_exp, "MD2")

thenetassets = Val(.txtnet_assets.Text)
new_ref_record.Field(169) = session.Iconv(thenetassets, "MD2")

new_ref_record.Field(23) = Trim(.txtmcal.Text)
If Trim(.txtmcal.Text) <> "" Then
    theissuedate = .txtissue.FormattedText
    If theissuedate = blank_date Then
        'new_ref_record.Field(24) = ""
        MsgBox "Medi-Cal Issue Date Required!", vbCritical, "Required Field!"
        .SSTab_intake.Tab = 2
        .txtissue.SetFocus
        Exit Function
    Else
        new_ref_record.Field(24) = session.Iconv(.txtissue.FormattedText, "D4")
    End If
    the_soc = session.Iconv(.txtmcal_share_of_cost.Text, "MD2")
    If Not IsNumeric(the_soc) Then
        new_ref_record.Field(176) = ""
    Else
        new_ref_record.Field(176) = the_soc
    End If
Else
    new_ref_record.Field(24) = ""
    new_ref_record.Field(176) = ""
End If

new_ref_record.Field(22) = Trim(.txtmcare.Text)
If Trim(.txtmcare.Text) <> "" Then
    'require that at least one of the medicare parts is selected
    the_parta = IIf(.chkparta.Value = 1, "Y", "N")
    the_partb = IIf(.chkpartb.Value = 1, "Y", "N")
    If the_parta = "N" And the_partb = "N" Then
        MsgBox "Required entry for Medicare Part A, B or Both!", vbCritical, "Required Fields!"
        .SSTab_intake.Tab = 2
        .chkparta.SetFocus
        Exit Function
    Else
        new_ref_record.Field(170) = the_parta
        new_ref_record.Field(171) = the_partb
    End If
Else
    new_ref_record.Field(170) = "N"
    new_ref_record.Field(171) = "N"
End If

the_hc = .txthealth_company.Text
the_hp = Trim(.txthealth_policy.Text)
'require that both fields be filled or empty
If the_hc = "" And the_hp <> "" Then
    MsgBox "Private Health Insurance Company is a required field when Policy Number entered! Please select company!", vbCritical, "Required Field!"
    .SSTab_intake.Tab = 2
    .txthealth_company.SetFocus
    Exit Function
ElseIf the_hc <> "" And the_hp = "" Then
    MsgBox "Private Health Insurance Policy Number is a required field when Company is selected! Please enter Policy Number!", vbCritical, "Required Field!"
    .SSTab_intake.Tab = 2
    .txthealth_policy.SetFocus
    Exit Function
Else
    new_ref_record.Field(26) = the_hc
    new_ref_record.Field(27) = the_hp
End If

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If .optnone.Value Then
    new_ref_record.Field(173) = ""
    new_ref_record.Field(174) = ""
    new_ref_record.Field(175) = ""
Else
    If .optcommercial.Value Then
        new_ref_record.Field(173) = "COMMERCIAL"
    ElseIf .optmedical.Value Then
        new_ref_record.Field(173) = "MEDI-CAL"
    ElseIf .optsenior.Value Then
        new_ref_record.Field(173) = "SENIOR"
    End If
    themcc = .txtman_care_company.Text
    themcp = Trim(.txtman_care_policy.Text)
    If themcc = "" And themcp = "" Then
        MsgBox "Managed Care Company and Policy Number are required when a Managed Care option is selected!", vbCritical, "Required Fields!"
        .SSTab_intake.Tab = 2
        .txtman_care_company.SetFocus
        Exit Function
    ElseIf themcc = "" And themcp <> "" Then
        MsgBox "Managed Care Company required! Please select Company.", vbCritical, "Required Field!"
        .SSTab_intake.Tab = 2
        .txtman_care_company.SetFocus
        Exit Function
    ElseIf themcc <> "" And themcp = "" Then
        MsgBox "Managed Care Policy Number required!", vbCritical, "Required Field!"
        .SSTab_intake.Tab = 2
        .txtman_care_policy.SetFocus
        Exit Function
    Else
        new_ref_record.Field(174) = themcc
        new_ref_record.Field(175) = themcp
    End If
End If

'check referral info
new_ref_record.Field(41) = .txttrs_name.Text
new_ref_record.Field(43) = .txttrs_address.Text
new_ref_record.Field(44) = .txttrs_city.Text
new_ref_record.Field(185) = .txttrs_state.Text
thezip = Trim(.txttrs_zip.FormattedText)
If thezip = Trim(blank_zip2) Then
    thezip = ""
ElseIf Len(thezip) = 6 Then
    thezip = Left(thezip, 5)
End If
new_ref_record.Field(186) = thezip
new_ref_record.Field(45) = If(.txttrs_phone.Text = blank_phone, "", .txttrs_phone.Text)
new_ref_record.Field(42) = .txttrs_company.Text
new_ref_record.Field(40) = .txttrs_source.Text

numref_to = .msgref_to.Rows - 1
ReDim new_ref_to_records(numref_to)
For i = 1 To numref_to
    Set new_ref_to_records(i) = New CUVDynArray
    therefoid = .msgref_to.TextMatrix(i, 0)
    If Left(therefoid, 1) = "" Then
        therefoid = Mid(therefoid, 2)
    End If
    new_ref_to_records(i).Field(1) = therefoid
    new_ref_to_records(i).Field(2) = session.Iconv(.msgref_to.TextMatrix(i, 2), "D4/")
    new_ref_to_records(i).Field(3) = .msgref_to.TextMatrix(i, 3)
    new_ref_to_records(i).Field(4) = .msgref_to.TextMatrix(i, 4)
    new_ref_to_records(i).Field(5) = .msgref_to.TextMatrix(i, 5)
    new_ref_to_records(i).Field(6) = .msgref_to.TextMatrix(i, 6)
    new_ref_to_records(i).Field(7) = .msgref_to.TextMatrix(i, 7)
    'new_ref_to_records(i).Field(8) = .msgref_to.TextMatrix(i, 2)
    new_ref_to_records(i).Field(8) = .msgref_to.TextMatrix(i, 2)

    'store ref_to recordid and status in <9> and <10>
    new_ref_to_records(i).Field(9) = .msgref_to.TextMatrix(i, 8)
    new_ref_to_records(i).Field(10) = .msgref_to.TextMatrix(i, 9)
    'SW id
    new_ref_to_records(i).Field(11) = .msgref_to.TextMatrix(i, 10)
Next i
'copy contents of temp_functionality_record to new_ref_record
Call copy_dynarray(temp_functionality_record, new_ref_record, 1, 18, 46)

'copy contents of temp_equipment_record to new_ref_record
Call copy_dynarray(temp_equipment_record, new_ref_record, 1, 1, 65)
Call copy_dynarray(temp_equipment_record, new_ref_record, 2, 2, 64)
'copy contents of temp_safety_record to new_ref_record
Call copy_dynarray(temp_safety_record, new_ref_record, 1, 1, 66)
Call copy_dynarray(temp_safety_record, new_ref_record, 2, 2, 73)
'copy contents of temp_risk_record to new_ref_record

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Call copy_dynarray(temp_risk_record, new_ref_record, 1, 11, 200)
End With
check_save_data = True 'if get to this point, then all data okay
End Function

'sub routines for pulling data from other files and forms
Sub display_selected_rp_on_frm_patient_spec_phys()
'routine to add selected referral physician data to
'frm_patient specialty physician screen
With frmselect_ref_phys.msfgselect_sp
If .Row > 1 Then
    thephys_id = .TextMatrix(.Row, 0)
    num_sp_rec = frm_patient.msfg_sp.Rows - 1
    If num_sp_rec > 0 Then
        For recnum = 1 To num_sp_rec
            thesp_id = frm_patient.msfg_sp.TextMatrix(recnum, 9)
            If thephys_id = thesp_id Then
                MsgBox "This Physician has already been selected!", vbCritical, "Already Entered!"
                Exit Sub
            End If
        Next recnum
    End If
    'if get this far, then add physician
    thelname = .TextMatrix(.Row, 1)
    themname = .TextMatrix(.Row, 2)
    thefname = .TextMatrix(.Row, 3)
    thespecialty = .TextMatrix(.Row, 4)
    theaddress = .TextMatrix(.Row, 5)
    thecity = .TextMatrix(.Row, 6)
    thestate = .TextMatrix(.Row, 7)
    thezip = .TextMatrix(.Row, 8)
    thephone = .TextMatrix(.Row, 9)

    frm_patient.msfg_sp.AddItem thelname & Chr(9) & _
        themname & Chr(9) & _
        thefname & Chr(9) & _
        thespecialty & Chr(9) & _
        theaddress & Chr(9) & _
        thecity & Chr(9) & _
        thestate & Chr(9) & _
        thezip & Chr(9) & _
        thephone & Chr(9) & _
        thephys_id
End If
End With
End Sub

Sub select_for_specialty_phys()
'routine to add selected referral physician data to
'frm_patient specialty physician screen
With frmRefPhys_Search.msfg_phys_search
If .Row > 1 Then
    thephys_id = .TextMatrix(.Row, 0)
    num_sp_rec = frm_patient.msfg_sp.Rows - 1
    If num_sp_rec > 0 Then
        For recnum = 1 To num_sp_rec
            thesp_id = frm_patient.msfg_sp.TextMatrix(recnum, 9)
            If thephys_id = thesp_id Then
                MsgBox "This Physician has already been selected!", vbCritical, "Already Entered!"
                Exit Sub
            End If
        Next recnum
    End If
    'if get this far, then add physician
    thelname = .TextMatrix(.Row, 1)
    themname = .TextMatrix(.Row, 2)
    thefname = .TextMatrix(.Row, 3)
    thespecialty = .TextMatrix(.Row, 4)
    theaddress = .TextMatrix(.Row, 5)
    thecity = .TextMatrix(.Row, 6)
    thestate = .TextMatrix(.Row, 7)
    thezip = .TextMatrix(.Row, 8)
    thephone = .TextMatrix(.Row, 9)

    frm_patient.msfg_sp.AddItem thelname & Chr(9) & _
        themname & Chr(9) & _
        thefname & Chr(9) & _
        thespecialty & Chr(9) & _
        theaddress & Chr(9) & _
        thecity & Chr(9) & _
        thestate & Chr(9) & _
        thezip & Chr(9) & _
        thephone & Chr(9) & _
        thephys_id
End If
End With
Unload frmRefPhys_Search

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End Sub

Function add_ref_to_record() As Boolean
'routine to add ref to record to frm_patient.msfgref to grid
add_ref_to_record = True
With frm_patient.msfgref_to
'prog_name = frmadd_ref_to.cmbprogram.Text
throw = frmadd_ref_to.msfgref_to_progs.Row
'If prog_name <> "" Then
If throw > 0 Then
prog_id = frmadd_ref_to.msfgref_to_progs.TextMatrix(throw, 0)
prog_name = frmadd_ref_to.msfgref_to_progs.TextMatrix(throw, 1)
Call get_host_date_time(host_date, host_time)
If host_date <> "ERROR" Then
thedata = session.Oconv(host_date, "D4")
'added * to prog_id if candidate is active (not terminated) from
'program.
.AddItem "" & prog_id & Chr(9) & _
prog_name & Chr(9) & _
thedata & Chr(9) & _
Chr(9) & _
Chr(9) & _
Chr(9) & _
Chr(9) & _
Chr(9) & _
Chr(9) & _
"A"
Else
MsgBox "Unable to get date from server! Cannot Add Referred To Program!", vbCritical, "ERROR"
add_ref_to_record = False
End If
Else
MsgBox "Must select Program OR click 'Cancel'", vbCritical, "ERROR"
add_ref_to_record = False
End If
End With
End Function
Sub delete_ref_to_record()
'routine to mark a ref to record for deletion
With frm_patient.msfgref_to
currow = .Row
If currow > 0 Then
cur_status = .TextMatrix(currow, 9)
If cur_status = "" Or cur_status = "E" Then
resp = MsgBox("Are you sure you want to Delete this REF TO record?", vbYesNo + vbDefaultButton2, "Delete?")
If resp = vbYes Then
.TextMatrix(currow, 9) = "D"
.RowHeight(currow) = 0
End If
ElseIf cur_status = "A" Then
If .Rows = 2 Then
Call init_frm_patient_msfgref_to_grid
Else
.RemoveItem (currow)
End If
End If
End If
End With
End Sub

Sub search_ref_phys_records()
'routine to search for REF.PHYSICIAN by last name
Dim ref_physician_list As Object
Dim ref_physician_record As IUvDynArray
Dim temp_ref_physician_file As IUvfile
If error_opening(temp_ref_physician_file, "CIREF.PHYSICIAN") Then
MsgBox "Error...unable to execute search. Try again later.", vbCritical, "Error"
Exit Sub
Else
With frmRefPhys_Search
last_name = UCase(Trim(.txtRPLname.Text))

If session.IsActive Then

Set ref_physician_list = session.SelectList(0)
ref_physician_list.ClearList

If last_name <> "" Then
session.Command.Text = "SSELECT CIREF.PHYSICIAN WITH LAST.NAME >= "" & last_name & "" BY LAST.NAME"
Else
MsgBox "Either first few letters of last name must be entered", vbCritical, "MISSING INFO FOR SEARCH"
Exit Sub
End If

orig_cap = .Caption

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.Caption = orig_cap & "...Searching CIREF.PHYSICIAN records..."
.Refresh

session.Command.Exec
If session.Error <> 0 Then
    .Caption = orig_cap
    .Refresh
    MsgBox "UVError selecting CIREF.HPHYSICIAN items!", vbCritical, "UVERROR"
    Exit Sub
End If

temp_ref_physician_file.LockStrategy = None
temp_ref_physician_file.RecordId = ref_physician_list.Next
Do While Not ref_physician_list.LastRecordRead
    temp_ref_physician_file.Read
    If temp_ref_physician_file.Error <> 0 Then
        MsgBox "UVError reading CIREF.PHYSICIAN record " & temp_ref_physician_file.RecordId & "", vbCritical, "UVError"
        Exit Sub
    End If
    Set ref_physician_record = temp_ref_physician_file.Record
    .msgf_phys_search.AddItem temp_ref_physician_file.RecordId & Chr(9) & _
        ref_physician_record.Field(1) & Chr(9) & _
        ref_physician_record.Field(2) & Chr(9) & _
        ref_physician_record.Field(3) & Chr(9) & _
        ref_physician_record.Field(9) & Chr(9) & _
        ref_physician_record.Field(4) & Chr(9) & _
        ref_physician_record.Field(5) & Chr(9) & _
        ref_physician_record.Field(6) & Chr(9) & _
        ref_physician_record.Field(7) & Chr(9) & _
        ref_physician_record.Field(8)
    temp_ref_physician_file.RecordId = ref_physician_list.Next
Loop

.Caption = orig_cap
.Refresh
.msgf_phys_search.SetFocus
End If
End With
End If

End Sub

'routines to maintain referral physician records
Function add_ref_physician_record() As Boolean
'routine to add record to REF.PHYSICIAN file
Dim new_ref_physician_record As CUVDynArray
With frmadd_ref_phys
    theiname = .txtrp_i_name.Text
    themname = .txtrp_m_name.Text
    thefname = .txtrp_f_name.Text
    theaddress = .txtrp_address.Text
    thecity = .txtrp_city.Text
    thestate = .txtrp_state.Text
    thezip = Trim(.txtrp_zip.FormattedText)
    If thezip = Trim(blank_zip2) Then
        thezip = ""
    ElseIf Len(thezip) = 6 Then
        thezip = Left(thezip, 5)
    End If
    thephone = .txtrp_phone.FormattedText
    If thephone = blank_phone2 Then
        thephone = ""
    End If
    thespecialty = Trim(Right(.cmbpr_specialty.Text, 50))

'check for required data
If theiname = "" Then
    MsgBox "Require Last Name to Save!", vbCritical, "ERROR"
    add_ref_physician_record = False
    Exit Function
ElseIf thefname = "" Then
    MsgBox "Require First Name to Save!", vbCritical, "ERROR"
    add_ref_physician_record = False
    Exit Function
ElseIf thespecialty = "" Then
    MsgBox "Require Specialty to Save!", vbCritical, "ERROR"
    add_ref_physician_record = False
    Exit Function
End If

'START TRANSACTION
Set atransaction = session.Transaction
atransaction.Start
'try to store the REF.PHYSICIAN record
new_ref_physician_id = get_new_record_id(nextnum_ref_phys_rn)
If new_ref_physician_id = "ERROR" Then

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        atransaction.Rollback
        add_ref_physician_record = False
    Exit Function
End If

ref_physician_file.LockStrategy = Exclusive
ref_physician_file.ReleaseStrategy = WRITE_RELEASE + CHANGE_RELEASE
ref_physician_file.RecordId = new_ref_physician_id
Set new_ref_physician_record = New CUvDynArray
new_ref_physician_record.Field(1) = thelname
new_ref_physician_record.Field(2) = themname
new_ref_physician_record.Field(3) = thefname
new_ref_physician_record.Field(4) = theaddress
new_ref_physician_record.Field(5) = thecity
new_ref_physician_record.Field(6) = thestate
new_ref_physician_record.Field(7) = thezip
new_ref_physician_record.Field(8) = thephone
new_ref_physician_record.Field(9) = thespecialty
Set ref_physician_file.Record = new_ref_physician_record
On Error Resume Next
ref_physician_file.Write
If Err.Number <> 0 Then
    MsgBox "VBEError: " & Err.Number & " - " & Err.Description & " Could not write record " & new_ref_physician_id & " to REF.PHYSICIAN file!",
vbCritical, "ERROR"
    add_ref_physician_record = False
    atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If ref_physician_file.Error <> 0 Then
    MsgBox "UVEError: " & ref_physician_file.Error & " Could not write record " & new_ref_physician_id & " to REF.PHYSICIAN file!", vbCritical,
"ERROR"
    add_ref_physician_record = False
    atransaction.Rollback
    Exit Function
End If
atransaction.Commit
If atransaction.Error > 0 Then
    MsgBox "UVEError: " & atransaction.Error & " - Unable to Commit Transaction writing record " & new_ref_physician_id & " to REF.PHYSICIAN file!",
vbCritical, "ERROR"
    add_ref_physician_record = False
    atransaction.Rollback
    Exit Function
End If
End With
add_ref_physician_record = True
With frmselect_ref_phys.msfgselect_sp
    .AddItem new_ref_physician_id & Chr(9) & _
        thelname & Chr(9) & _
        themname & Chr(9) & _
        thefname & Chr(9) & _
        thespecialty & Chr(9) & _
        theaddress & Chr(9) & _
        thecity & Chr(9) & _
        thestate & Chr(9) & _
        thezip & Chr(9) & _
        thephone
End With
End Function

Function delete_ref_physician_record(record_id As Variant) As Boolean
'routine to delete REF.PHYSICIAN record
'returns TRUE if able to delete, FALSE otherwise
Set atransaction = session.Transaction
atransaction.Start
ref_physician_file.RecordId = record_id
On Error Resume Next
ref_physician_file.DeleteRecord
If Err.Number <> 0 Then
    MsgBox "VBEError: " & Err.Number & " - " & Err.Description & "...Could not delete REF.PHYSICIAN record " & record_id & "!", vbCritical, "ERROR"
    delete_ref_physician_record = False
    atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If ref_physician_file.Error <> 0 Then
    MsgBox "UVEError: " & ref_physician_file.Error & "...Could not delete REF.PHYSICIAN record " & record_id & "!", vbCritical, "ERROR"
    delete_ref_physician_record = False
    atransaction.Rollback
    Exit Function
End If
On Error Resume Next
atransaction.Commit
If Err.Number <> 0 Then
    MsgBox "VBEError: " & Err.Number & " - " & Err.Description & "...Could not delete REF.PHYSICIAN record " & record_id & "!", vbCritical, "ERROR"
    delete_ref_physician_record = False

```

```

        atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If atransaction.Error <> 0 Then
    MsgBox "UVError: " & atransaction.Error & "...Could not delete REF.PHYSICIAN record " & record_id & ".":", vbCritical, "ERROR"
    delete_ref_physician_record = False
    atransaction.Rollback
    Exit Function
End If
delete_ref_physician_record = True
End Function

'maintain referral source records
Function add_ref_source_record() As Boolean
'routine to add record to REF.SOURCE file
Dim new_ref_source_record As CUVDynArray
With frmadd_rs
    thecompany = .txtrs_company.Text
    thecontact = .txtrs_name.Text
    theaddress = .txtrs_address.Text
    thecity = .txtrs_city.Text
    thestate = .txtrs_state.Text
    thezip = Trim(.txtrs_zip.FormattedText)
    If thezip = Trim(blank_zip2) Then
        thezip = ""
    ElseIf Len(thezip) = 6 Then
        thezip = Left(thezip, 5)
    End If
    thephone = .txtrs_phone.FormattedText
    If thephone = blank_phone2 Then
        thephone = ""
    End If
End With

'check for required data
If (thecompany = "" And thecontact = "") Then
    MsgBox "Require either Company or Contact to Save!", vbCritical, "ERROR"
    add_ref_source_record = False
    Exit Function
End If

thetype = Trim(Right(.cmbrs_type.Text, 50))

'START TRANSACTION
Set atransaction = session.Transaction
atransaction.Start
'try to store the REF.SOURCE record
new_ref_source_id = get_new_record_id(nextnum_refsource_m)
If new_ref_source_id = "ERROR" Then
    atransaction.Rollback
    add_ref_source_record = False
    Exit Function
End If

ref_source_file.LockStrategy = Exclusive
ref_source_file.ReleaseStrategy = WRITE_RELEASE + CHANGE_RELEASE
ref_source_file.RecordId = new_ref_source_id
Set new_ref_source_record = New CUVDynArray
new_ref_source_record.Field(1) = thecompany
new_ref_source_record.Field(2) = thecontact
new_ref_source_record.Field(3) = theaddress
new_ref_source_record.Field(4) = thecity
new_ref_source_record.Field(5) = thestate
new_ref_source_record.Field(6) = thezip
new_ref_source_record.Field(7) = thephone
new_ref_source_record.Field(8) = thetype
Set ref_source_file.Record = new_ref_source_record
On Error Resume Next
ref_source_file.Write
If Err.Number <> 0 Then
    MsgBox "VBError: " & Err.Number & " - " & Err.Description & " Could not write record " & new_ref_source_id & " to REF.SOURCE file!", vbCritical,
"ERROR"
    add_ref_source_record = False
    atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If ref_source_file.Error <> 0 Then
    MsgBox "UVError: " & ref_source_file.Error & " Could not write record " & new_ref_source_id & " to REF.SOURCE file!", vbCritical, "ERROR"
    add_ref_source_record = False
    atransaction.Rollback
    Exit Function
End If
atransaction.Commit
If atransaction.Error > 0 Then

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        MsgBox "UVError: " & atransaction.Error & " - Unable to Commit Transaction writing record "" & new_ref_source_id & "" to REF.SOURCE file!",
vbCritical, "ERROR"
        add_ref_source_record = False
        atransaction.Rollback
        Exit Function
    End If
End With
add_ref_source_record = True
With frmselect_rs.msfg_rs
    .AddItem new_ref_source_id & Chr(9) & _
        thecompany & Chr(9) & _
        thecontact & Chr(9) & _
        theaddress & Chr(9) & _
        thecity & Chr(9) & _
        thestate & Chr(9) & _
        thezip & Chr(9) & _
        thephone & Chr(9) & _
        thetype
End With
End Function

'routines for entering "Assess Candidate" information
Sub display_Equipment()
'routine to display the equipment data
'from temp_equipment_record
With frmNeeded_Equipment
    numequip = .chkHas.UBound
    For i = 1 To numequip
        If i > 12 Then
            .chkHas(i).Enabled = False
            .chkDoes_Not_Have(i).Enabled = False
        Else
            If temp_equipment_record.Value(1, i) = "HAS" Then
                .chkHas(i).Value = 1
                .chkDoes_Not_Have(i).Value = 0
            ElseIf temp_equipment_record.Value(1, i) = "NEEDS" Then
                .chkHas(i).Value = 0
                .chkDoes_Not_Have(i).Value = 1
            Else
                .chkHas(i).Value = 0
                .chkDoes_Not_Have(i).Value = 0
            End If
        End If
    Next i
    .txtEquipOther.Text = temp_equipment_record.Value(1, numequip + 1)
    .txtNEqui.Text = temp_equipment_record.Field(2).TextValue
End With
End Sub

Sub display_Safety()
'routine to display the Safety data
'from temp_safety_record
With frmEnvironmental_Safety
    If temp_safety_record.Value(1, 1) = "Loose Rugs" Then
        .chkloose_rug.Value = 1
    Else
        .chkloose_rug.Value = 0
    End If
    If temp_safety_record.Value(1, 2) = "Electrical Cords" Then
        .chkElectrical_Cords.Value = 1
    Else
        .chkElectrical_Cords.Value = 0
    End If
    If temp_safety_record.Value(1, 3) = "Cluttered House" Then
        .chkCluttered_House.Value = 1
    Else
        .chkCluttered_House.Value = 0
    End If
    If temp_safety_record.Value(1, 4) = "Unclean House" Then
        .chkUnclean_House.Value = 1
    Else
        .chkUnclean_House.Value = 0
    End If
    If temp_safety_record.Value(1, 5) = "Inadequate Kitchen" Then
        .chkInadequate_Kitchen_Facilities.Value = 1
    Else
        .chkInadequate_Kitchen_Facilities.Value = 0
    End If
    If temp_safety_record.Value(1, 6) = "Inadequate Bath" Then
        .chkInadequate_Bathroom_Facilities.Value = 1
    Else
        .chkInadequate_Bathroom_Facilities.Value = 0
    End If
    If temp_safety_record.Value(1, 7) = "Inadequate Heat" Then
        .chkInadequate_Heating.Value = 1
    Else

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.chkInadequate_Heating.Value = 0
End If
If temp_safety_record.Value(1, 8) = "Inadequate Cooling" Then
.chkInadequate_Cooling.Value = 1
Else
.chkInadequate_Cooling.Value = 0
End If
If temp_safety_record.Value(1, 9) = "Phone Access" Then
.chkPhone_Accessibility.Value = 1
Else
.chkPhone_Accessibility.Value = 0
End If
If temp_safety_record.Value(1, 10) = "Unsafe Stairs" Then
.chkUnsafe_Stairs.Value = 1
Else
.chkUnsafe_Stairs.Value = 0
End If
If temp_safety_record.Value(1, 11) = "Barred window" Then
.Chkbarred_window = 1
Else
.Chkbarred_window.Value = 0
End If
If temp_safety_record.Value(1, 12) = "Vermin" Then
.Chkvermin.Value = 1
Else
.Chkvermin.Value = 0
End If
If temp_safety_record.Value(1, 13) = "Food Supply" Then
.Chkfood_supply.Value = 1
Else
.Chkfood_supply.Value = 0
End If
If temp_safety_record.Value(1, 14) = "Cloth Supply" Then
.Chkcloth_supply.Value = 1
Else
.Chkcloth_supply.Value = 0
End If
.txtcomments.Text = temp_safety_record.Field(2).TextValue
.chkStructural_damage.Enabled = False
.chkPlumb.Enabled = False
.txtSafetyOther.Enabled = False
End With
End Sub

Sub init_frmFunctional_list(combobox_name As Variant)
With frmFunctional
Select Case combobox_name
Case Is = .cboEating.name
.cboEating.Clear
.cboEating.AddItem "Independent (No Difficulty)"
.cboEating.AddItem "Independent (Some Difficulty)"
.cboEating.AddItem "Independent (Yes Difficulty)"
.cboEating.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboEating.AddItem "Some Human Help"
.cboEating.AddItem "Lots of Human help"
.cboEating.AddItem "dependent"
Case Is = .cboDressing.name
.cboDressing.Clear
.cboDressing.AddItem "Independent (No Difficulty)"
.cboDressing.AddItem "Independent (Some Difficulty)"
.cboDressing.AddItem "Independent (Yes Difficulty)"
.cboDressing.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboDressing.AddItem "Some Human Help"
.cboDressing.AddItem "Lots of Human help"
.cboDressing.AddItem "dependent"
Case Is = .cboTransfer.name
.cboTransfer.Clear
.cboTransfer.AddItem "Independent (No Difficulty)"
.cboTransfer.AddItem "Independent (Some Difficulty)"
.cboTransfer.AddItem "Independent (Yes Difficulty)"
.cboTransfer.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboTransfer.AddItem "Some Human Help"
.cboTransfer.AddItem "Lots of Human help"
.cboTransfer.AddItem "dependent"
Case Is = .cboBathing.name
.cboBathing.Clear
.cboBathing.AddItem "Independent (No Difficulty)"
.cboBathing.AddItem "Independent (Some Difficulty)"
.cboBathing.AddItem "Independent (Yes Difficulty)"
.cboBathing.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboBathing.AddItem "Some Human Help"
.cboBathing.AddItem "Lots of Human help"

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        .cboBathing.AddItem "dependent"
Case Is = .cboToileting.name
.cboToileting.Clear
.cboToileting.AddItem "Independent (No Difficulty)"
.cboToileting.AddItem "Independent (Some Difficulty)"
.cboToileting.AddItem "Independent (Yes Difficulty)"
.cboToileting.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboToileting.AddItem "Some Human Help"
.cboToileting.AddItem "Lots of Human help"
.cboToileting.AddItem "dependent"
Case Is = .cboGrooming.name
.cboGrooming.Clear
.cboGrooming.AddItem "Independent (No Difficulty)"
.cboGrooming.AddItem "Independent (Some Difficulty)"
.cboGrooming.AddItem "Independent (Yes Difficulty)"
.cboGrooming.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboGrooming.AddItem "Some Human Help"
.cboGrooming.AddItem "Lots of Human help"
.cboGrooming.AddItem "dependent"
Case Is = .cboMedications.name
.cboMedications.Clear
.cboMedications.AddItem "Independent (No Difficulty)"
.cboMedications.AddItem "Independent (Some Difficulty)"
.cboMedications.AddItem "Independent (Yes Difficulty)"
.cboMedications.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboMedications.AddItem "Some Human Help"
.cboMedications.AddItem "Lots of Human help"
.cboMedications.AddItem "dependent"
Case Is = .cboStair_Climbing.name
.cboStair_Climbing.Clear
.cboStair_Climbing.AddItem "Independent (No Difficulty)"
.cboStair_Climbing.AddItem "Independent (Some Difficulty)"
.cboStair_Climbing.AddItem "Independent (Yes Difficulty)"
.cboStair_Climbing.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboStair_Climbing.AddItem "Some Human Help"
.cboStair_Climbing.AddItem "Lots of Human help"
.cboStair_Climbing.AddItem "dependent"
Case Is = .cboMobility_Indoor.name
.cboMobility_Indoor.Clear
.cboMobility_Indoor.AddItem "Independent (No Difficulty)"
.cboMobility_Indoor.AddItem "Independent (Some Difficulty)"
.cboMobility_Indoor.AddItem "Independent (Yes Difficulty)"
.cboMobility_Indoor.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboMobility_Indoor.AddItem "Some Human Help"
.cboMobility_Indoor.AddItem "Lots of Human help"
.cboMobility_Indoor.AddItem "dependent"
Case Is = .cboMobility_Outdoor.name
.cboMobility_Outdoor.Clear
.cboMobility_Outdoor.AddItem "Independent (No Difficulty)"
.cboMobility_Outdoor.AddItem "Independent (Some Difficulty)"
.cboMobility_Outdoor.AddItem "Independent (Yes Difficulty)"
.cboMobility_Outdoor.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboMobility_Outdoor.AddItem "Some Human Help"
.cboMobility_Outdoor.AddItem "Lots of Human help"
.cboMobility_Outdoor.AddItem "dependent"
Case Is = .cboHousework.name
.cboHousework.Clear
.cboHousework.AddItem "Independent (No Difficulty)"
.cboHousework.AddItem "Independent (Some Difficulty)"
.cboHousework.AddItem "Independent (Yes Difficulty)"
.cboHousework.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboHousework.AddItem "Some Human Help"
.cboHousework.AddItem "Lots of Human help"
.cboHousework.AddItem "dependent"
Case Is = .cboLaundry.name
.cboLaundry.Clear
.cboLaundry.AddItem "Independent (No Difficulty)"
.cboLaundry.AddItem "Independent (Some Difficulty)"
.cboLaundry.AddItem "Independent (Yes Difficulty)"
.cboLaundry.AddItem "Verbal Assistance"
' Adding "Some Human Help" according to Need Assesment form's items
.cboLaundry.AddItem "Some Human Help"
.cboLaundry.AddItem "Lots of Human help"
.cboLaundry.AddItem "dependent"
Case Is = .cboShopping_Errands.name
.cboShopping_Errands.Clear
.cboShopping_Errands.AddItem "Independent (No Difficulty)"
.cboShopping_Errands.AddItem "Independent (Some Difficulty)"
.cboShopping_Errands.AddItem "Independent (Yes Difficulty)"

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        .cboShopping_Errands.AddItem "Verbal Assistance"
        ' Adding "Some Human Help" according to Need Assesment form's items
        .cboShopping_Errands.AddItem "Some Human Help"
        .cboShopping_Errands.AddItem "Lots of Human help"
        .cboShopping_Errands.AddItem "dependent"
    Case Is = .cboMeal_Prep_Cleanup.name
        .cboMeal_Prep_Cleanup.Clear
        .cboMeal_Prep_Cleanup.AddItem "Independent (No Difficulty)"
        .cboMeal_Prep_Cleanup.AddItem "Independent (Some Difficulty)"
        .cboMeal_Prep_Cleanup.AddItem "Independent (Yes Difficulty)"
        .cboMeal_Prep_Cleanup.AddItem "Verbal Assistance"
        ' Adding "Some Human Help" according to Need Assesment form's items
        .cboMeal_Prep_Cleanup.AddItem "Some Human Help"
        .cboMeal_Prep_Cleanup.AddItem "Lots of Human help"
        .cboMeal_Prep_Cleanup.AddItem "dependent"
    Case Is = .cboTransportation.name
        .cboTransportation.Clear
        .cboTransportation.AddItem "Independent (No Difficulty)"
        .cboTransportation.AddItem "Independent (Some Difficulty)"
        .cboTransportation.AddItem "Independent (Yes Difficulty)"
        .cboTransportation.AddItem "Verbal Assistance"
        ' Adding "Some Human Help" according to Need Assesment form's items
        .cboTransportation.AddItem "Some Human Help"
        .cboTransportation.AddItem "Lots of Human help"
        .cboTransportation.AddItem "dependent"
    Case Is = .cboTelephone.name
        .cboTelephone.Clear
        .cboTelephone.AddItem "Independent (No Difficulty)"
        .cboTelephone.AddItem "Independent (Some Difficulty)"
        .cboTelephone.AddItem "Independent (Yes Difficulty)"
        .cboTelephone.AddItem "Verbal Assistance"
        ' Adding "Some Human Help" according to Need Assesment form's items
        .cboTelephone.AddItem "Some Human Help"
        .cboTelephone.AddItem "Lots of Human help"
        .cboTelephone.AddItem "dependent"
    Case Is = .cboMoney_Management.name
        .cboMoney_Management.Clear
        .cboMoney_Management.AddItem "Independent (No Difficulty)"
        .cboMoney_Management.AddItem "Independent (Some Difficulty)"
        .cboMoney_Management.AddItem "Independent (Yes Difficulty)"
        .cboMoney_Management.AddItem "Verbal Assistance"
        ' Adding "Some Human Help" according to Need Assesment form's items
        .cboMoney_Management.AddItem "Some Human Help"
        .cboMoney_Management.AddItem "Lots of Human help"
        .cboMoney_Management.AddItem "dependent"
    Case Is = .cboWalking.name
        .cboWalking.Clear
        .cboWalking.AddItem "Independent (Some Difficulty)"
        .cboWalking.AddItem "Independent (Yes Difficulty)"
        .cboWalking.AddItem "Verbal Assistance"
        ' Adding "Some Human Help" according to Need Assesment form's items
        .cboWalking.AddItem "Some Human Help"
        .cboWalking.AddItem "Lots of Human help"
        .cboWalking.AddItem "dependent"

    End Select
    End With
End Sub

Sub display_Functional()
    With frmFunctional
        found = False
        For i = 0 To .cboEating.ListCount - 1
            If .cboEating.List(i) = temp_functionality_record.Field(1) Then
                .cboEating.ListIndex = i
                found = True
                Exit For
            End If
        Next i
        If Not found Then
            'set to unknown
            .cboEating.ListIndex = -1
        End If
        found = False
        For i = 0 To .cboDressing.ListCount - 1
            If .cboDressing.List(i) = temp_functionality_record.Field(2) Then
                .cboDressing.ListIndex = i
                found = True
                Exit For
            End If
        Next i
        If Not found Then
            .cboDressing.ListIndex = -1
        End If
        found = False
        For i = 0 To .cboTransfer.ListCount - 1

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    If .cboTransfer.List(i) = temp_functionality_record.Field(3) Then
        .cboTransfer.ListIndex = i
        found = True
        Exit For
    End If
Next i
If Not found Then
    .cboTransfer.ListIndex = -1
End If
found = False
For i = 0 To .cboBathing.ListCount - 1
    If .cboBathing.List(i) = temp_functionality_record.Field(4) Then
        .cboBathing.ListIndex = i
        found = True
        Exit For
    End If
Next i
If Not found Then
    .cboBathing.ListIndex = -1
End If
found = False
For i = 0 To .cboToileting.ListCount - 1
    If .cboToileting.List(i) = temp_functionality_record.Field(5) Then
        .cboToileting.ListIndex = i
        found = True
        Exit For
    End If
Next i
If Not found Then
    .cboToileting.ListIndex = -1
End If
found = False
For i = 0 To .cboGrooming.ListCount - 1
    If .cboGrooming.List(i) = temp_functionality_record.Field(6) Then
        .cboGrooming.ListIndex = i
        found = True
        Exit For
    End If
Next i
If Not found Then
    .cboGrooming.ListIndex = -1
End If
found = False
For i = 0 To .cboMedications.ListCount - 1
    If .cboMedications.List(i) = temp_functionality_record.Field(7) Then
        .cboMedications.ListIndex = i
        found = True
        Exit For
    End If
Next i
If Not found Then
    .cboMedications.ListIndex = -1
End If
found = False
For i = 0 To .cboStair_Climbing.ListCount - 1
    If .cboStair_Climbing.List(i) = temp_functionality_record.Field(8) Then
        .cboStair_Climbing.ListIndex = i
        found = True
        Exit For
    End If
Next i
If Not found Then
    .cboStair_Climbing.ListIndex = -1
End If
found = False
For i = 0 To .cboMobility_Indoor.ListCount - 1
    If .cboMobility_Indoor.List(i) = temp_functionality_record.Field(9) Then
        .cboMobility_Indoor.ListIndex = i
        found = True
        Exit For
    End If
Next i
If Not found Then
    .cboMobility_Indoor.ListIndex = -1
End If
found = False
For i = 0 To .cboMobility_Outdoor.ListCount - 1
    If .cboMobility_Outdoor.List(i) = temp_functionality_record.Field(10) Then
        .cboMobility_Outdoor.ListIndex = i
        found = True
        Exit For
    End If
Next i
If Not found Then
    .cboMobility_Outdoor.ListIndex = -1
End If

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found = False
For i = 0 To .cboHousework.ListCount - 1
  If .cboHousework.List(i) = temp_functionality_record.Field(11) Then
    .cboHousework.ListIndex = i
    found = True
    Exit For
  End If
Next i
If Not found Then
  .cboHousework.ListIndex = -1
End If
found = False
For i = 0 To .cboLaundry.ListCount - 1
  If .cboLaundry.List(i) = temp_functionality_record.Field(12) Then
    .cboLaundry.ListIndex = i
    found = True
    Exit For
  End If
Next i
If Not found Then
  .cboLaundry.ListIndex = -1
End If
found = False
For i = 0 To .cboShopping_Errands.ListCount - 1
  If .cboShopping_Errands.List(i) = temp_functionality_record.Field(13) Then
    .cboShopping_Errands.ListIndex = i
    found = True
    Exit For
  End If
Next i
If Not found Then
  .cboShopping_Errands.ListIndex = -1
End If
found = False
For i = 0 To .cboMeal_Prep_Cleanup.ListCount - 1
  If .cboMeal_Prep_Cleanup.List(i) = temp_functionality_record.Field(14) Then
    .cboMeal_Prep_Cleanup.ListIndex = i
    found = True
    Exit For
  End If
Next i
If Not found Then
  .cboMeal_Prep_Cleanup.ListIndex = -1
End If
found = False
For i = 0 To .cboTransportation.ListCount - 1
  If .cboTransportation.List(i) = temp_functionality_record.Field(15) Then
    .cboTransportation.ListIndex = i
    found = True
    Exit For
  End If
Next i
If Not found Then
  .cboTransportation.ListIndex = -1
End If
found = False
For i = 0 To .cboTelephone.ListCount - 1
  If .cboTelephone.List(i) = temp_functionality_record.Field(16) Then
    .cboTelephone.ListIndex = i
    found = True
    Exit For
  End If
Next i
If Not found Then
  .cboTelephone.ListIndex = -1
End If
found = False
For i = 0 To .cboMoney_Management.ListCount - 1
  If .cboMoney_Management.List(i) = temp_functionality_record.Field(17) Then
    .cboMoney_Management.ListIndex = i
    found = True
    Exit For
  End If
Next i
If Not found Then
  .cboMoney_Management.ListIndex = -1
End If
found = False
For i = 0 To .cboWalking.ListCount - 1
  If .cboWalking.List(i) = temp_functionality_record.Field(18) Then
    .cboWalking.ListIndex = i
    found = True
    Exit For
  End If
Next i
If Not found Then

```

```

        .cboWalking.ListIndex = -1
    End If
End With
End Sub

'referral to records
Function delete_ref_source_record(record_id As Variant) As Boolean
'routine to delete selected REF.SOURCE record
Set atransaction = session.Transaction
atransaction.Start
ref_source_file.RecordId = record_id
On Error Resume Next
ref_source_file.DeleteRecord
If Err.Number <> 0 Then
    MsgBox "VBEror: " & Err.Number & " - " & Err.Description & "...Could not delete REF.SOURCE record "" & record_id & "".", vbCritical, "ERROR"
    delete_ref_source_record = False
    atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If ref_source_file.Error <> 0 Then
    MsgBox "UVEror: " & ref_source_file.Error & "...Could not delete REF.SOURCE record "" & record_id & "".", vbCritical, "ERROR"
    delete_ref_source_record = False
    atransaction.Rollback
    Exit Function
End If
On Error Resume Next
atransaction.Commit
If Err.Number <> 0 Then
    MsgBox "VBEror: " & Err.Number & " - " & Err.Description & "...Could not delete REF.SOURCE record "" & record_id & "".", vbCritical, "ERROR"
    delete_ref_source_record = False
    atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If atransaction.Error <> 0 Then
    MsgBox "UVEror: " & atransaction.Error & "...Could not delete REF.SOURCE record "" & record_id & "".", vbCritical, "ERROR"
    delete_ref_source_record = False
    atransaction.Rollback
    Exit Function
End If
delete_ref_source_record = True
End Function

Sub display_rs_records()
'routine to select and display REF.SOURCE records
Dim ref_source_list As IUvSelectList
Dim ref_source_record As IUvDynArray
With frmselect_rs
    If session.IsActive Then
        Set ref_source_list = session.SelectList(0)
        ref_source_list.ClearList
        session.Command.Text = "SSELECT REF.SOURCE BY COMPANY BY NAME"
        On Error Resume Next
        session.Command.Exec
        If session.Error <> 0 Then
            MsgBox "UVEror selecting REF.SOURCE items!", vbCritical, "UVEror"
            Exit Sub
        End If
        .msg_rs.AddItem "" & Chr(9) & _
            "(NONE)"
        ref_source_file.RecordId = ref_source_list.Next
        Do While Not ref_source_list.LastRecordRead
            ref_source_file.Read
            If ref_source_file.Error <> 0 Then
                MsgBox "UVEror reading REF.SOURCE record "" & ref_source_file.RecordId & "".", vbCritical, "UVEror"
            End If
            Set ref_source_record = ref_source_file.Record
            .msg_rs.AddItem ref_source_file.RecordId & Chr(9) & _
                ref_source_record.Field(1) & Chr(9) & _
                ref_source_record.Field(2) & Chr(9) & _
                ref_source_record.Field(3) & Chr(9) & _
                ref_source_record.Field(4) & Chr(9) & _
                ref_source_record.Field(5) & Chr(9) & _
                ref_source_record.Field(6) & Chr(9) & _
                ref_source_record.Field(7) & Chr(9) & _
                ref_source_record.Field(8)
            ref_source_file.RecordId = ref_source_list.Next
        Loop
    Else
        MsgBox "Error reading REF.SOURCE file! Ending Program!", vbCritical, "ERROR"
    End
End If
End With
End Sub

```

```

Sub display_selected_rp_on_frm_patient_prim_phys()
' routine to display selected referral physician from frmselect_ref_phys.msfgselect_sp grid
' in frm_patient.txtp_fields (primary physician fields)

  With frmadd_ref_phys
    frm_patient.txtp_name = .txtrp_fname & " " & _
      .txtrp_mname & " " & _
      .txtrp_lname
    frm_patient.txtp_address = .txtrp_address
    frm_patient.txtp_city = .txtrp_city
    frm_patient.txtp_state = .txtrp_state
    thezip = .txtrp_zip
    If thezip = "" Then
      thezip = blank_zip
    ElseIf Right(thezip, 1) = "-" Then
      thezip = thezip & "____"
    ElseIf Len(thezip) = 5 Then
      thezip = thezip & "-____"
    End If
    frm_patient.txtp_zip.Text = thezip

    thephone = .txtrp_phone
    If Trim(thephone) = "" Then
      thephone = blank_phone
    End If
    frm_patient.txtp_phone.Text = thephone
  End With

'End If
'End With
End Sub
Sub select_for_prime_phys()
'routine to display selected referral physician from msfg_phys_search grid
'fill up primary physician fields
With frmRefPhys_Search.msfg_phys_search
  If .Row > 0 Then
    'display data in frm_patient.txtrs_fields
    frm_patient.txtp_id.Text = If(.TextMatrix(.Row, 0) = "(NONE)", "", .TextMatrix(.Row, 0))
    frm_patient.txtp_name.Text = Trim(.TextMatrix(.Row, 3) & " " & _
      .TextMatrix(.Row, 2) & " " & _
      .TextMatrix(.Row, 1))
    frm_patient.txtp_specialty.Text = .TextMatrix(.Row, 4)
    frm_patient.txtp_address.Text = .TextMatrix(.Row, 5)
    frm_patient.txtp_city.Text = .TextMatrix(.Row, 6)
    frm_patient.txtp_state.Text = .TextMatrix(.Row, 7)

    thezip = .TextMatrix(.Row, 8)
    If thezip = "" Then
      thezip = blank_zip
    ElseIf Right(thezip, 1) = "-" Then
      thezip = thezip & "____"
    ElseIf Len(thezip) = 5 Then
      thezip = thezip & "-____"
    End If
    frm_patient.txtp_zip.Text = thezip
    thephone = .TextMatrix(.Row, 9)
    If Trim(thephone) = "" Then
      thephone = blank_phone
    End If
    frm_patient.txtp_phone.Text = thephone
  End If
End With
Unload frmRefPhys_Search
End Sub

Sub display_selected_rs()
'routine to display selected referral source from frmselect_rs.msfg_rs grid
With frmselect_rs
  If .msfg_rs.Row > 0 Then
    'display data in frm_patient.txtrs_fields
    frm_patient.txtrs_catagory.Text = .msfg_rs.TextMatrix(.msfg_rs.Row, 8)
    frm_patient.txtrs_source.Text = .msfg_rs.TextMatrix(.msfg_rs.Row, 0)
    frm_patient.txtrs_company.Text = If(.msfg_rs.TextMatrix(.msfg_rs.Row, 1) = "(NONE)", "", .msfg_rs.TextMatrix(.msfg_rs.Row, 1))
    frm_patient.txtrs_name.Text = .msfg_rs.TextMatrix(.msfg_rs.Row, 2)
    frm_patient.txtrs_address.Text = .msfg_rs.TextMatrix(.msfg_rs.Row, 3)
    frm_patient.txtrs_city.Text = .msfg_rs.TextMatrix(.msfg_rs.Row, 4)
    frm_patient.txtrs_state.Text = .msfg_rs.TextMatrix(.msfg_rs.Row, 5)

    thezip = .msfg_rs.TextMatrix(.msfg_rs.Row, 6)
    If thezip = "" Then
      thezip = blank_zip
    ElseIf Right(thezip, 1) = "-" Then
      thezip = thezip & "____"
    ElseIf Len(thezip) = 5 Then
      thezip = thezip & "-____"
    End If
  End If
End With

```

```

        End If
        frm_patient.txtrs_zip.Text = thezip
        thephone = .msg_rs.TextMatrix(.msg_rs.Row, 7)
        If Trim(thewhone) = "" Then
            thephone = blank_phone
        End If
        frm_patient.txtrs_phone.Text = thephone
    End If
End With
End Sub

Function edit_ref_physician_record(record_id As Variant) As Boolean
    'routine to determine if can edit REF.PHYSICIAN record
    'need to be able to lock record
    ref_physician_file.LockStrategy = Exclusive
    ref_physician_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE 'write and explicit release
    ref_physician_file.RecordId = record_id
    On Error Resume Next
    ref_physician_file.Read
    If Err.Number <> 0 Then
        MsgBox "VbError reading REF.PHYSICIAN record "" & record_id & "". Unable to Edit!", vbCritical, "ERROR"
        edit_ref_physician_record = False
        Exit Function
    End If
    On Error GoTo 0
    If ref_physician_file.Error <> 0 Then
        MsgBox "UVError reading REF.PHYSICIAN record "" & record_id & "". Unable to Edit!", vbCritical, "ERROR"
        edit_ref_physician_record = False
        Exit Function
    End If
    edit_ref_physician_record = True
End Function

Function edit_ref_source_record(record_id As Variant) As Boolean
    'routine to determine if can edit REF.SOURCE record
    'need to be able to lock record
    ref_source_file.LockStrategy = Exclusive
    ref_source_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE 'write and explicit release
    ref_source_file.RecordId = record_id
    On Error Resume Next
    ref_source_file.Read
    If Err.Number <> 0 Then
        MsgBox "VbError reading REF.SOURCE record "" & record_id & "". Unable to Edit!", vbCritical, "ERROR"
        edit_ref_source_record = False
        Exit Function
    End If
    On Error GoTo 0
    If ref_source_file.Error <> 0 Then
        MsgBox "UVError reading REF.SOURCE record "" & record_id & "". Unable to Edit!", vbCritical, "ERROR"
        edit_ref_source_record = False
        Exit Function
    End If
    edit_ref_source_record = True
End Function

Sub enter_ref_to_declined_date()
    'routine to edit/enter date declined
    With frm_patient
        If .msgfref_to.Row > 0 And .msgfref_to.RowHeight(.msgfref_to.Row) > 0 Then
            elig_flag = .msgfref_to.TextMatrix(.msgfref_to.Row, 3)
            decl_flag = .msgfref_to.TextMatrix(.msgfref_to.Row, 4)
            term_date = .msgfref_to.TextMatrix(.msgfref_to.Row, 7)
            If elig_flag = "N" Or elig_flag = "" Then
                MsgBox "Candidate Not Eligible --- Cannot Decline Program! Change Eligibility to 'Y' to enter Date Declined.", vbCritical, "ERROR"
            ElseIf IsDate(term_date) Then
                MsgBox "Candidate Terminated From Program --- Cannot Edit Date Declined!", vbCritical, "ERROR"
            Else
                decl_date = .msgfref_to.TextMatrix(.msgfref_to.Row, 6)
                Call get_host_date_time(host_date, host_time)
                If host_date <> "ERROR" Then
                    frmedit_ref_to_decline_date.txtdecline_date.Text = IIf(decl_date = "", session.Oconv(host_date, "D4/"), decl_date)
                    frmedit_ref_to_decline_date.Show vbModal
                    decl_date = .msgfref_to.TextMatrix(.msgfref_to.Row, 6)
                    If IsDate(decl_date) Then
                        .msgfref_to.TextMatrix(.msgfref_to.Row, 4) = "Y"
                    Else
                        .msgfref_to.TextMatrix(.msgfref_to.Row, 4) = "N"
                    End If
                End If
            End If
            MsgBox "Unable to get current date from server...unable to enter/update declined date!", vbCritical, "ERROR"
        End If
    End If
Else
    MsgBox "No Item Selected!", vbCritical, "ERROR"
End If
End With

```

```

End Sub

Sub enter_refto_enroll_date()
'routine to enter or change enrollment date
With frm_patient
If .msgref_to.Row > 0 And .msgref_to.RowHeight(.msgref_to.Row) > 0 Then
elig_flag = .msgref_to.TextMatrix(.msgref_to.Row, 3)
term_date = .msgref_to.TextMatrix(.msgref_to.Row, 7)
If elig_flag = "N" Then
MsgBox "Candidate Not Eligible --- Cannot Enroll In Program! Change Eligibility to 'Y' to enter Enrollment Date.", vbCritical, "ERROR"
ElseIf IsDate(term_date) Then
MsgBox "Candidate Terminated From Program --- Cannot Edit Date Enrolled!", vbCritical, "ERROR"
Else
enroll_date = .msgref_to.TextMatrix(.msgref_to.Row, 5)
Call get_host_date_time(host_date, host_time)
If host_date <> "ERROR" Then
fmedit_refto_enroll_date.txtenrollment_date.Text = If(enroll_date = "", session.Oconv(host_date, "D4"), enroll_date)
fmedit_refto_enroll_date.Show vbModal
enroll_date = .msgref_to.TextMatrix(.msgref_to.Row, 5)
If IsDate(enroll_date) Then
.msgref_to.TextMatrix(.msgref_to.Row, 3) = "Y"
Else
End If
Else
MsgBox "Unable to get current date from server...unable to enter/update enroll date!", vbCritical, "ERROR"
End If
End If
Else
MsgBox "No Item Selected!", vbCritical, "ERROR"
End If
End With
End Sub

Sub enter_terminate_date()
'routine to determine if user can enter a program
'termination date
With frm_patient
If .msgref_to.Row > 0 And .msgref_to.RowHeight(.msgref_to.Row) > 0 Then
If .msgref_to.TextMatrix(.msgref_to.Row, 5) <> "" Then
fmedit_refto_term_date.Hide
term_date = .msgref_to.TextMatrix(.msgref_to.Row, 7)
Call get_host_date_time(host_date, host_time)
If host_date <> "ERROR" Then
fmedit_refto_term_date.txtterm_date.Text = If(term_date = "", session.Oconv(host_date, "D4"), term_date)
fmedit_refto_term_date.Show vbModal
Else
MsgBox "Unable to get current date from server...unable to enter/update termination date!", vbCritical, "ERROR"
End If
Else
MsgBox "Unable to enter termination date: Candidate not enrolled in currently selected program!"
End If
End If
End With
End Sub

Function get_referral_record_id(record_name As Variant) As Variant
'function to return record_id for referral record
'if new record, need to get new record id from nextnum file
'otherwise is old record_id
Dim nextnum_record As New CUvDynArray
With frm_patient
If .txtreferral_id.Text <> "" Then
get_referral_record_id = .txtreferral_id.Text
ElseIf .lblstatus.Caption = "NEW" Or .txtreferral_id.Text = "" Then
nextnum_file.RecordId = record_name
nextnum_file.LockStrategy = EXCLUSIVE_UPDATE
nextnum_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next
nextnum_file.Read
If Err.Number <> 0 Then
MsgBox "VBEError " & Err.Number & ": " & Err.Description & " --- Error reading NEXTNUM record " & record_name & ". Cannot get new record ID
in order to save!", vbCritical, "ERROR"
get_referral_record_id = "ERROR"
nextnum_file.UnlockFile
Exit Function
End If
On Error GoTo 0
If nextnum_file.Error <> 0 Then
MsgBox "UVEError " & nextnum_file.Error & " --- Error reading NEXTNUM record " & record_name & ". Cannot get new record ID in order to
save!", vbCritical, "ERROR"
get_referral_record_id = "ERROR"
nextnum_file.UnlockFile
Exit Function
End If
Set nextnum_record = nextnum_file.Record
new_referral_record_id = nextnum_record.Field(1)

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```

If Val(new_referral_record_id) = 0 Then
    new_referral_record_id = 1
End If
next_referral_record_id = Val(new_referral_record_id) + 1
next_referral_record_id = Trim(next_referral_record_id)
nextnum_record.Field(1) = next_referral_record_id
On Error Resume Next
nextnum_file.Write
If Err.Number <> 0 Then
    MsgBox "VbError " & Err.Number & ": " & Err.Description & " --- Error writing to NEXTNUM record " & record_name & ". Cannot save!",
vbCritical, "ERROR"
    get_referral_record_id = "ERROR"
    nextnum_file.UnlockFile
    Exit Function
End If
On Error GoTo 0
If nextnum_file.Error <> 0 Then
    MsgBox "UVErrror " & nextnum_file.Error & " --- Error writing to NEXTNUM record " & record_name & ". Cannot save!", vbCritical, "ERROR"
    get_referral_record_id = "ERROR"
    nextnum_file.UnlockFile
    Exit Function
End If
get_referral_record_id = "R" & new_referral_record_id
End If
End With
End Function

Sub init_frm_patient_msgf_sp()
    With frm_patient_msgf_sp
        .Rows = 2
        .Cols = 10
        .Clear
        .RowHeightMin = 240 + 120
        .TextMatrix(0, 0) = "Last Name"
        .TextMatrix(0, 1) = "Mid Name"
        .TextMatrix(0, 2) = "First Name"
        .TextMatrix(0, 3) = "Specialty"
        .TextMatrix(0, 4) = "Address"
        .TextMatrix(0, 5) = "City"
        .TextMatrix(0, 6) = "State"
        .TextMatrix(0, 7) = "Zip"
        .TextMatrix(0, 8) = "Phone"
        .TextMatrix(0, 9) = "ID"
        .ColWidth(0) = 1000
        .ColWidth(1) = 1000
        .ColWidth(2) = 1000
        .ColWidth(3) = 1000
        .ColWidth(4) = 1000
        .ColWidth(5) = 1000
        .ColWidth(6) = 500
        .ColWidth(7) = 1000
        .ColWidth(8) = 1000
        .ColWidth(9) = 0

        .ColAlignment(0) = 1
        .ColAlignment(1) = 1
        .ColAlignment(2) = 1
        .ColAlignment(3) = 1
        .ColAlignment(4) = 1
        .ColAlignment(5) = 1
        .ColAlignment(6) = 1
        .ColAlignment(7) = 1
        .ColAlignment(8) = 1
        .ColAlignment(9) = 1
        .Rows = 1
    End With
End Sub

Sub init_frm_patient_msgfref_to_grid()
    With frm_patient_msgfref_to
        .Rows = 2
        .Cols = 13
        .Clear
        .RowHeightMin = 240 + 120
        .TextMatrix(0, 0) = "Prog ID"
        .TextMatrix(0, 1) = "Prog Name" 'added name per Angela 1/23/2001
        .TextMatrix(0, 2) = "Date"
        .TextMatrix(0, 2) = "Location"
        .TextMatrix(0, 3) = "Elig"
        .TextMatrix(0, 4) = "Decl"
        .TextMatrix(0, 5) = "Date Enr"
        .TextMatrix(0, 6) = "Date Decl"
        .TextMatrix(0, 7) = "Date Term"
        .TextMatrix(0, 8) = "ID"
        .TextMatrix(0, 9) = "Status"
        .TextMatrix(0, 10) = "SW ID"
    End With
End Sub

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```

.TextMatrix(0, 11) = "SW"
.TextMatrix(0, 12) = "Phone"
.ColWidth(0) = 800
.ColWidth(1) = 2000
.ColWidth(2) = 1000
'.ColWidth(2) = 740
.ColWidth(3) = 500
.ColWidth(4) = 500
.ColWidth(5) = 1000
.ColWidth(6) = 1000
.ColWidth(7) = 1000
.ColWidth(8) = 0
.ColWidth(9) = 0
.ColWidth(10) = 0
.ColWidth(11) = 2000
.ColWidth(12) = 1500

.ColAlignment(0) = 1
.ColAlignment(1) = 1
'.ColAlignment(2) = 1
.ColAlignment(2) = 1
.ColAlignment(3) = 1
.ColAlignment(4) = 1
.ColAlignment(5) = 1
.ColAlignment(6) = 1
.ColAlignment(7) = 1
.ColAlignment(8) = 1
.ColAlignment(9) = 1
.ColAlignment(10) = 1
.ColAlignment(11) = 1
.ColAlignment(12) = 1
.Rows = 1
End With
With frm_patient.lblrefto_legend
.Caption = "Elig = Eligible(Y/N), Decl = Declined(Y/N), Date Enr = Date Enrolled, Date Decl = Date Declined, Date Term = Date Terminated,
* = Active"
End With
End Sub

Sub init_frmadd_refto_grid()
With frmadd_refto.msfgrefto_progs
.Rows = 2
.Cols = 2
.FixedCols = 1
.Clear
.TextMatrix(0, 0) = "Prog ID"
.TextMatrix(0, 1) = "Program Name"

.ColWidth(0) = 640
.ColWidth(1) = .Width - 640 - 640

.ColAlignment(0) = 1
.ColAlignment(1) = 1

.Rows = 1
End With
End Sub

Sub init_frmadd_refto_msfgrefto_progs()
'routine to initialize the Program list box
'with data from the REF.PROGRAM table
Dim ref_program_list As IUvSelectList
Dim ref_program_record As IUvDynArray
With frmadd_refto.msfgrefto_progs

If session.IsActive Then

Set ref_program_list = session.SelectList(0)
ref_program_list.ClearList
session.Command.Text = "SSELECT REF.PROGRAM"
On Error Resume Next
session.Command.Exec
If session.Error <> 0 Then
MsgBox "UVErrror selecting REF.PROGRAM items!", vbCritical, "UVErrror"
Exit Sub
End If

Call init_frmadd_refto_grid

ref_program_file.RecordId = ref_program_list.Next
Do While Not ref_program_list.LastRecordRead
ref_program_file.Read
If ref_program_file.Error <> 0 Then
MsgBox "UVErrror reading REF.PROGRAM record '" & ref_program_file.RecordId & "'.", vbCritical, "UVErrror"
End If
Set ref_program_record = ref_program_file.Record

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        .AddItem ref_program_file.RecordId & Chr(9) & ref_program_record.Field(1)
        ref_program_file.RecordId = ref_program_list.Next
    Loop
Else
    MsgBox "Error reading REF.PROGRAM file! Ending program!", vbCritical, "ERROR"
End
End If
End With
End Sub

Sub init_frmadd_rp_list(combobox_name As Variant)
    'routine to initialize 'add form referral physician' combobox list
    Dim specialty_table_list As IUvSelectList
    Dim specialty_table_record As IUvDynArray
    With frmadd_ref_phys
        Select Case combobox_name
            Case Is = .cmbrp_specialty.name
                .cmbrp_specialty.Clear
                'loop to display specialties
                If session.IsActive Then
                    Set specialty_table_list = session.SelectList(0)
                    specialty_table_list.ClearList
                    session.Command.Text = "SSELECT SPECIALTY2.TABLE"
                    On Error Resume Next
                    session.Command.Exec
                    If session.Error <> 0 Then
                        MsgBox "UVErrror selecting SPECIALTY2.TABLE items!", vbCritical, "UVErrror"
                        Exit Sub
                    End If

                    specialty_table_file.RecordId = specialty_table_list.Next
                    specialty_table_file.LockStrategy = None
                    Do While Not specialty_table_list.LastRecordRead
                        specialty_table_file.Read
                        If specialty_table_file.Error <> 0 Then
                            MsgBox "UVErrror reading SPECIALTY2.TABLE record '" & specialty_table_file.RecordId & "',", vbCritical, "UVErrror"
                        End If
                        Set specialty_table_record = specialty_table_file.Record
                        spec_id = specialty_table_file.RecordId
                        spec_desc = specialty_table_record.Field(1)
                        .cmbrp_specialty.AddItem spec_desc & Space(100) & spec_id
                        specialty_table_file.RecordId = specialty_table_list.Next
                    Loop
                Else
                    MsgBox "Error reading SPECIALTY2.TABLE! Ending program!", vbCritical, "ERROR"
                End
            End If
        End Select
    End With
End Sub

Sub init_frmadd_rs_list(combobox_name As Variant)
    Dim rs_catagory_list As IUvSelectList
    Dim rs_catagory_record As IUvDynArray
    With frmadd_rs
        Select Case combobox_name
            Case Is = .cmbrs_type.name
                .cmbrs_type.Clear
                'loop to display Ref Source Types (catagories)
                If session.IsActive Then
                    Set rs_catagory_list = session.SelectList(0)
                    rs_catagory_list.ClearList
                    session.Command.Text = "SSELECT RS.CATAGORY"
                    On Error Resume Next
                    session.Command.Exec
                    If session.Error <> 0 Then
                        MsgBox "UVErrror selecting RS.CATAGORY items!", vbCritical, "UVErrror"
                        Exit Sub
                    End If

                    rs_catagory_file.RecordId = rs_catagory_list.Next
                    rs_catagory_file.LockStrategy = None
                    Do While Not rs_catagory_list.LastRecordRead
                        rs_catagory_file.Read
                        If rs_catagory_file.Error <> 0 Then
                            MsgBox "UVErrror reading RS.CATAGORY record '" & rs_catagory_file.RecordId & "',", vbCritical, "UVErrror"
                        End If
                        Set rs_catagory_record = rs_catagory_file.Record
                        cat_id = rs_catagory_file.RecordId
                        cat_desc = rs_catagory_record.Field(1)
                        .cmbrs_type.AddItem cat_desc & Space(100) & cat_id
                        rs_catagory_file.RecordId = rs_catagory_list.Next
                    Loop
                Else
                    MsgBox "Error reading RS.CATAGORY! Ending program!", vbCritical, "ERROR"
                End
            End If
        End Select
    End With
End Sub

```



```

        End If
    End Select
    End With
End Sub

Sub init_frminsurance_grid()
    With frminsurance.msfginsurance
        .Rows = 2
        .Cols = 6
        .FixedCols = 2
        .Clear
        .TextMatrix(0, 0) = "Ins#"
        .TextMatrix(0, 1) = "Name"
        .TextMatrix(0, 2) = "Address1"
        .TextMatrix(0, 3) = "Address2"
        .TextMatrix(0, 4) = "City"
        .TextMatrix(0, 5) = "State"

        .ColWidth(0) = 640
        .ColWidth(1) = 1440 + 640
        .ColWidth(2) = 1440 * 2
        .ColWidth(3) = 1440 * 2
        .ColWidth(4) = 1440 * 1.5
        .ColWidth(5) = 640

        .ColAlignment(0) = 1
        .ColAlignment(1) = 1
        .ColAlignment(2) = 1
        .ColAlignment(3) = 1
        .ColAlignment(4) = 1
        .ColAlignment(5) = 1

        .Rows = 1
        .AddItem Chr(9) & "(NONE)"

    End With
End Sub

Sub init_frmreferral_search_grid()
    With frmreferral_search.msfgreferral_search
        .Rows = 2
        .Cols = 6
        .Clear
        .TextMatrix(0, 0) = "Ref#"
        .TextMatrix(0, 1) = "Last Name"
        .TextMatrix(0, 2) = "Middle Name"
        .TextMatrix(0, 3) = "First Name"
        .TextMatrix(0, 4) = "Birthday"
        .TextMatrix(0, 5) = "SSN"
        .ColWidth(0) = 640
        .ColWidth(1) = (1440 + 640) / 2
        .ColWidth(2) = (1440 + 640) / 2
        .ColWidth(3) = (1440 + 640) / 2
        .ColWidth(4) = (1440 + 640) / 2
        .ColWidth(5) = 1440
        .ColAlignment(0) = 1
        .ColAlignment(1) = 1
        .ColAlignment(2) = 1
        .ColAlignment(3) = 1
        .ColAlignment(4) = 1
        .ColAlignment(5) = 1
        .Rows = 1
    End With
End Sub

Sub display_insurance_lists()
    'routine to initialize the insurance list boxes
    'with data from the insurance.table
    Dim insurance_list As IUvSelectList
    Dim insurance_record As IUvDynArray
    With frminsurance

        If session.IsActive Then

            Set insurance_list = session.SelectList(0)
            insurance_list.ClearList
            session.Command.Text = "SSELECT INSURANCE.TABLE BY NAME"
            On Error Resume Next
            session.Command.Exec
            If session.Error <> 0 Then
                MsgBox "UVErrror selecting INSURANCE.TABLE items!", vbCritical, "UVErrror"
                Exit Sub
            End If

            insurance_table_file.RecordId = insurance_list.Next
            Do While Not insurance_list.LastRecordRead

```

```

insurance_table_file.Read
If insurance_table_file.Error <> 0 Then
MsgBox "UVError reading INSURANCE.TABLE record " & insurance_table_file.RecordId & ". ", vbCritical, "UVError"
End If
Set insurance_record = insurance_table_file.Record
.msfginsurance.AddItem insurance_table_file.RecordId & Chr(9) & _
insurance_record.Field(1) & Chr(9) & _
insurance_record.Field(2) & Chr(9) & _
insurance_record.Field(3) & Chr(9) & _
insurance_record.Field(4) & Chr(9) & _
insurance_record.Field(5)
insurance_table_file.RecordId = insurance_list.Next
Loop
Else
MsgBox "Error reading INSURANCE.TABLE! Ending program!", vbCritical, "ERROR"
End
End If
End With
End Sub

Sub init_frmselect_ref_phys_msfgselect_phys()
'routine to initialize frmselect_ref_phys msfgselect_phys grid
With frmselect_ref_phys.msfgselect_sp
.Rows = 2
.Cols = 10
.RowHeightMin = 240 + 120
.Clear
.TextMatrix(0, 0) = "ID"
.TextMatrix(0, 1) = "Last"
.TextMatrix(0, 2) = "Mid"
.TextMatrix(0, 3) = "First"
.TextMatrix(0, 4) = "Specialty"
.TextMatrix(0, 5) = "Address"
.TextMatrix(0, 6) = "City"
.TextMatrix(0, 7) = "State"
.TextMatrix(0, 8) = "Zip"
.TextMatrix(0, 9) = "Phone"

.ColWidth(0) = 640
.ColWidth(1) = 1440
.ColWidth(2) = 1440
.ColWidth(3) = 1440
.ColWidth(4) = 1440
.ColWidth(5) = 1440
.ColWidth(6) = 1440
.ColWidth(7) = 500
.ColWidth(8) = 1440
.ColWidth(9) = 1440

.ColAlignment(0) = 1
.ColAlignment(1) = 1
.ColAlignment(2) = 1
.ColAlignment(3) = 1
.ColAlignment(4) = 1
.ColAlignment(5) = 1
.ColAlignment(6) = 1
.ColAlignment(7) = 1
.ColAlignment(8) = 1
.ColAlignment(9) = 1
.Rows = 1
End With
End Sub

Sub init_frmRefPhys_msfg_phys_search()
'init_frmRefPhys_Search
With frmRefPhys_Search.msfg_phys_search
.Rows = 2
.Cols = 10
.TextMatrix(0, 0) = "ID"
.TextMatrix(0, 1) = "Last"
.TextMatrix(0, 2) = "Mid"
.TextMatrix(0, 3) = "First"
.TextMatrix(0, 4) = "Specialty"
.TextMatrix(0, 5) = "Address"
.TextMatrix(0, 6) = "City"
.TextMatrix(0, 7) = "State"
.TextMatrix(0, 8) = "Zip"
.TextMatrix(0, 9) = "Phone"

.ColWidth(0) = 640
.ColWidth(1) = 1440
.ColWidth(2) = 1440
.ColWidth(3) = 1440
.ColWidth(4) = 1440
.ColWidth(5) = 1440
.ColWidth(6) = 1440
.ColWidth(7) = 500

```

```

.ColWidth(8) = 1440
.ColWidth(9) = 1440

.ColAlignmen(0) = 1
.ColAlignmen(1) = 1
.ColAlignmen(2) = 1
.ColAlignmen(3) = 1
.ColAlignmen(4) = 1
.ColAlignmen(5) = 1
.ColAlignmen(6) = 1
.ColAlignmen(7) = 1
.ColAlignmen(8) = 1
.ColAlignmen(9) = 1
.Row = 1
End With

End Sub

Sub init_frmselect_rs_msgf_rs()
'routine to initialize referral source grid
With frmselect_rs_msgf_rs
.Rows = 2
.Cols = 9
.RowHeightMin = 240 + 120
.Clear
.TextMatrix(0, 0) = "Source#"
.TextMatrix(0, 1) = "Company"
.TextMatrix(0, 2) = "Name"
.TextMatrix(0, 3) = "Address"
.TextMatrix(0, 4) = "City"
.TextMatrix(0, 5) = "State"
.TextMatrix(0, 6) = "Zip"
.TextMatrix(0, 7) = "Phone"
.TextMatrix(0, 8) = "Type" 'category of source
.ColWidth(0) = 640
.ColWidth(1) = 1440
.ColWidth(2) = 1440
.ColWidth(3) = 1440
.ColWidth(4) = 1440
.ColWidth(5) = 500
.ColWidth(6) = 1440
.ColWidth(7) = 1440
.ColWidth(8) = 500

.ColAlignmen(0) = 1
.ColAlignmen(1) = 1
.ColAlignmen(2) = 1
.ColAlignmen(3) = 1
.ColAlignmen(4) = 1
.ColAlignmen(5) = 1
.ColAlignmen(6) = 1
.ColAlignmen(7) = 1
.ColAlignmen(8) = 1
.Rows = 1
End With
End Sub

Sub referral_search()
'routine to search for referral ID by last name or by ssn
Dim ref_list As Object
Dim ref_record As IUvDynArray
Dim temp_ref_file As IUvfile
If error_opening(temp_ref_file, "REFERRAL") Then
MsgBox "Error...unable to execute search. Try again later.", vbCritical, "Error"
Exit Sub
Else
With frmreferral_search
last_name = UCase(Trim(.txtlastname.Text))

ssn = .txtSSN.Text
ssn = remove_dashes(ssn)

If session.IsActive Then

Set ref_list = session.SelectList(0)
ref_list.ClearList

If last_name <> "" Then
session.Command.Text = "SSELECT REFERRAL WITH FULLNAME >= " & last_name & " BY FULLNAME"
ElseIf ssn <> "" Then
session.Command.Text = "SSELECT REFERRAL WITH SSN >= " & ssn & " BY FULLNAME"
Else
MsgBox "Either first few letters of last name must be entered or SSN", vbCritical, "MISSING INFO FOR SEARCH"
Exit Sub
End If
End With

```

```

orig_cap = .Caption
.Caption = orig_cap & "...Searching REFERRAL records..."
.Refresh

session.Command.Exec
If session.Error <> 0 Then
    .Caption = orig_cap
    .Refresh
    MsgBox "UVErrror selecting REFERRAL items!", vbCritical, "UVErrror"
    Exit Sub
End If

temp_ref_file.LockStrategy = None
temp_ref_file.RecordId = ref_list.Next
Do While Not ref_list.LastRecordRead
    temp_ref_file.Read
    If temp_ref_file.Error <> 0 Then
        MsgBox "UVErrror reading REFERRAL record " & temp_ref_file.RecordId & ".", vbCritical, "UVErrror"
        Exit Sub
    End If
    Set ref_record = temp_ref_file.Record
    .msgreferral_search.AddItem temp_ref_file.RecordId & Chr(9) & _
        ref_record.Field(3).TextValue & Chr(9) & _
        ref_record.Field(189).TextValue & Chr(9) & _
        ref_record.Field(2).TextValue & Chr(9) & _
        session.Oconv(ref_record.Field(10).TextValue, "D4/") & Chr(9) & _
        Format(ref_record.Field(21).TextValue, "000-00-0000")

    temp_ref_file.RecordId = ref_list.Next
Loop

.Caption = orig_cap
.Refresh
.msgreferral_search.SetFocus
End If
End With
End If
End Sub

```

```

Function remove_dashes(var_to_remove_dashes As Variant) As Variant
'routine to remove all dashes from var_to_remove_dashes
dash_pos = InStr(1, var_to_remove_dashes, "-", vbTextCompare)
If dash_pos > 0 Then
    pre_string = Left(var_to_remove_dashes, dash_pos - 1)
    post_string = Mid(var_to_remove_dashes, dash_pos + 1)
    remove_dashes = pre_string & remove_dashes(post_string)
Else
    remove_dashes = var_to_remove_dashes
End If
End Function

```

```

Function save_referral_record(clear_display As Boolean, convert_to_cm_record As Boolean) As Boolean
'routine to save record
Dim new_referto_record As CUVDynArray
Dim old_referral_record As IUVDynArray 'used to save a copy of the current
' referral record before changes
Set old_referral_record = referral_file.Record
save_referral_record = False
'check the connection of system still alive or not
If Not session.IsActive Then
    frm_patient.Visible = False
    Call reconnect
    frm_patient.Visible = True
End If
If check_save_data(convert_to_cm_record) Then
    Set atransaction = session.Transaction
    atransaction.Start
    'check if there any caregiver need to delete. Then delete
    'all the caregiver's info in ADHC, ICMP, MSSP, and PACE
    If save_caregiver_information Then
        'get record_id of referral file
        record_id = get_referral_record_id(nextnum_referral_rm)
        If record_id = "ERROR" Then
            atransaction.Rollback
            Exit Function
        End If
    End If

```

```

numrefto = UBound(new_referto_records)
'first delete items
For i = 1 To numrefto
    therefto_id = new_referto_records(i).Field(9)
    thestatus = new_referto_records(i).Field(10)
    If thestatus = "D" Then
        'delete referto record
        referto_file.RecordId = therefto_id
    End If
Next i

```

```

On Error Resume Next
ref_to_file.DeleteRecord
If Err.Number <> 0 Then
    MsgBox "VBEError deleting REFTO record "" & therefto_id & "" during Transaction!", vbCritical, "ERROR"
    atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If ref_to_file.Error <> 0 Then
    MsgBox "UVEError deleting REFTO record "" & therefto_id & "" during Transaction!", vbCritical, "ERROR"
    atransaction.Rollback
    Exit Function
End If
num_ref_to = new_ref_record.Field(147).count
For j = 1 To num_ref_to
    If new_ref_record.Value(147, j) = therefto_id Then
        On Error Resume Next
        new_ref_record.Value(147, j).Del
        If Err.Number <> 0 Then
            MsgBox "VBEError deleting REFTO record "" & therefto_id & "". Unable to Save!", vbCritical, "ERROR"
            atransaction.Rollback
            Exit Function
        End If
        On Error GoTo 0
        If new_ref_record.Error <> 0 Then
            MsgBox "UVEError deleting REFTO record "" & therefto_id & "" from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
            atransaction.Rollback
            Exit Function
        End If
    End If
Exit For j
End If
Next j
'refto_file.UnlockRecord
End If
Next i

For i = 1 To num_ref_to
    therefto_id = new_ref_to_records(i).Field(9)
    thestatus = new_ref_to_records(i).Field(10)
    If thestatus = "A" Then
        'get new ref to record id and save record
        num_ref_to = new_ref_record.Field(147).count
        last_ref_to_id = new_ref_record.Value(147, num_ref_to)
        last_ref_to_seq = session.Oconv(last_ref_to_id, "G1*1")
        new_ref_to_seq = Val(last_ref_to_seq) + 1
        new_ref_to_id = record_id & "" & Trim(new_ref_to_seq)
        Set new_ref_to_record = new_ref_to_records(i)
        new_ref_to_record.Field(10).Del
        new_ref_to_record.Field(9).Del
        ref_to_file.RecordId = new_ref_to_id
        Set ref_to_file.Record = new_ref_to_record
        On Error Resume Next
        ref_to_file.Write
        If Err.Number <> 0 Then
            MsgBox "VBEError writing to REFTO file record "" & new_ref_to_id & "". Could not save!", vbCritical, "ERROR"
            atransaction.Rollback
            'ref_to_file.UnlockRecord
            Exit Function
        End If
        On Error GoTo 0
        If ref_to_file.Error <> 0 Then
            MsgBox "UVEError writing to REFTO file record "" & new_ref_to_id & "". Could not save!", vbCritical, "ERROR"
            atransaction.Rollback
            'ref_to_file.UnlockRecord
            Exit Function
        End If
        new_ref_record.Value(147, -1) = new_ref_to_id
    ElseIf thestatus = "E" Then
        'save ref to record
        Set new_ref_to_record = new_ref_to_records(i)
        new_ref_to_record.Field(10).Del
        new_ref_to_record.Field(9).Del
        ref_to_file.RecordId = therefto_id
        On Error Resume Next
        ref_to_file.Read
        If Err.Number <> 0 Then
            MsgBox "VBEError updating REFTO record "" & therefto_id & "". Unable to save!", vbCritical, "ERROR"
            atransaction.Rollback
            Exit Function
        End If
        On Error GoTo 0
        If ref_to_file.Error <> 0 Then
            MsgBox "UVEError updating REFTO record "" & therefto_id & "". Unable to save!", vbCritical, "ERROR"
            atransaction.Rollback
            Exit Function
        End If
    End If
End If

```

```

'THIS CODE WRITES BACK ANY ADDITIONAL FIELDS IN THE
'ORIGINAL RECORD IF MORE FIELDS THAN THIS PROGRAM
'RECOGNIZES
num_refto_atrubs = refto_file.Record.count
num_new_refto_atrubs = new_refto_record.count
If num_refto_atrubs > num_new_refto_atrubs Then
    For j = num_new_refto_atrubs + 1 To num_refto_atrubs
        new_refto_record.Field(j) = refto_file.Record.Field(j)
    Next j
End If

Set refto_file.Record = new_refto_record
On Error Resume Next
refto_file.Write
If Err.Number <> 0 Then
    MsgBox "VBEError writing to REFTO file record '" & new_refto_id & "'. Could not save!", vbCritical, "ERROR"
    atransaction.Rollback
    'refto_file.UnlockRecord
    Exit Function
End If
On Error GoTo 0
If refto_file.Error <> 0 Then
    MsgBox "UVEError writing to REFTO file record '" & new_refto_id & "'. Could not save!", vbCritical, "ERROR"
    atransaction.Rollback
    'refto_file.UnlockRecord
    Exit Function
End If
Else
    'do nothing, no modification made to record
End If
Next i

'record_id = frm_patient.txtreferral_id.Text
referral_file.RecordId = record_id
Set referral_file.Record = new_ref_record
On Error Resume Next
referral_file.Write
If Err.Number <> 0 Then
    MsgBox "VBEError writing to REFERRAL record '" & record_id & "'.", vbCritical, "ERROR"
    atransaction.Rollback
    Set referral_file.Record = old_referral_record
    Exit Function
End If
On Error GoTo 0
If referral_file.Error <> 0 Then
    MsgBox "UVEError writing REFERRAL record '" & record_id & "'.", vbCritical, "ERROR"
    atransaction.Rollback
    Set referral_file.Record = old_referral_record
    Exit Function
End If

On Error Resume Next
atransaction.Commit
If Err.Number <> 0 Then
    MsgBox "VBEError writing REFERRAL record '" & record_id & "' during Transaction!", vbCritical, "ERROR"
    atransaction.Rollback
    Set referral_file.Record = old_referral_record
    Exit Function
End If
On Error GoTo 0
If atransaction.Error <> 0 Then
    MsgBox "UVEError writing REFERRAL record '" & record_id & "' during Transaction!", vbCritical, "ERROR"
    atransaction.Rollback
    Set referral_file.Record = old_referral_record
    Exit Function
End If
If prout = False Then
    referral_file.UnlockFile
    refto_file.UnlockFile
    If clear_display Then
        Call cancel_referral
    End If
Else
    thestatus = frm_patient.lblstatus.Caption
    If thestatus = "" Or thestatus = "NEW" Then
        frm_patient.Caption = "HOLD"
        frm_patient.txtreferral_id.Text = record_id
    End If
End If
save_referral_record = True
End If
End If
End Function

Sub save_temp_equipment_record()

```

```

'routine to save the results of
'FORM frmNeeded_Equipment to temporary array
temp_equipment_record
With frmNeeded_Equipment
  numchkboxes = .chkHas.UBound
  Select Case CallNO
    Case Is = 0
      Set temp_equipment_record = New CUvDynArray
      For i = 1 To numchkboxes
        If i > 12 Then
          Else
            If .chkHas(i).Value = 1 Then
              temp_equipment_record.Value(1, i) = "HAS"
            ElseIf .chkDoes_Not_Have(i).Value = 1 Then
              temp_equipment_record.Value(1, i) = "NEEDS"
            Else
              temp_equipment_record.Value(1, i) = ""
            End If
          End If
        Next i
        temp_equipment_record.Value(1, 13) = .txtEquipOther.Text
        temp_equipment_record.Field(2) = .txtNEqui.Text
        Case 1 To 9
          For i = 1 To numchkboxes
            'social worker
            If i > 12 Then
              Else
                If .chkHas(i).Value = 1 Then
                  temp_equipment_record.Value(1, i) = "HAS"
                End If
                If .chkDoes_Not_Have(i).Value = 1 Then
                  temp_adliadl_record.Value(65, i) = "NEEDS"
                Else
                  temp_adliadl_record.Value(65, i) = ""
                End If
              End If
            Next i
            temp_equipment_record.Value(1, numchkboxes + 1) = .txtEquipOther.Text
            temp_adliadl_record.Field(62) = .txtNEqui.Text
            Case 11 To 19
              'nursing
              'mutify!!!!
              For i = 1 To numchkboxes
                If i > 12 Then
                  If .chkHas(i).Value = 1 Then
                    temp_equipment_record.Value(1, i + 1) = "HAS"
                  End If
                  If .chkDoes_Not_Have(i).Value = 1 Then
                    temp_adliadl_record.Value(65, i + 1) = "NEEDS"
                  Else
                    temp_adliadl_record.Value(65, i + 1) = ""
                  End If
                Else
                  If .chkHas(i).Value = 1 Then
                    temp_equipment_record.Value(1, i) = "HAS"
                  End If
                  If .chkDoes_Not_Have(i).Value = 1 Then
                    temp_adliadl_record.Value(65, i) = "NEEDS"
                  Else
                    temp_adliadl_record.Value(65, i) = ""
                  End If
                End If
              Next i
              temp_equipment_record.Value(1, numchkboxes + 1) = .txtEquipOther.Text
              temp_adliadl_record.Field(62) = .txtNEqui.Text
            End Select
          End With
        End Sub
        'routine to save the results of
        'FORM frmenvironmental_safety to temporary array
        temp_safety_record
        Set temp_safety_record = New CUvDynArray
        With frmEnvironmental_Safety
          If .chkloose_rug.Value = 1 Then
            temp_safety_record.Value(1, 1) = "Loose Rugs"
          End If
          If .chkElectrical_Cords.Value = 1 Then
            temp_safety_record.Value(1, 2) = "Electrical Cords"
          End If
          If .chkCluttered_House.Value = 1 Then
            temp_safety_record.Value(1, 3) = "Cluttered House"
          End If
          If .chkUnclean_House.Value = 1 Then
            temp_safety_record.Value(1, 4) = "Unclean House"
          End If
        End With
      End Sub
    End Sub
  End Sub

```

```

End If
If .chkInadequate_Kitchen_Facilities.Value = 1 Then
    temp_safety_record.Value(1, 5) = "Inadequate Kitchen"
End If
If .chkInadequate_Bathroom_Facilities.Value = 1 Then
    temp_safety_record.Value(1, 6) = "Inadequate Bath"
End If
If .chkInadequate_Heating.Value = 1 Then
    temp_safety_record.Value(1, 7) = "Inadequate Heat"
End If
If .chkInadequate_Cooling.Value = 1 Then
    temp_safety_record.Value(1, 8) = "Inadequate Cooling"
End If
If .chkPhone_Accessibility.Value = 1 Then
    temp_safety_record.Value(1, 9) = "Phone Access"
End If
If .chkUnsafe_Stairs.Value = 1 Then
    temp_safety_record.Value(1, 10) = "Unsafe Stairs"
End If
If .chkbarred_window.Value = 1 Then
    temp_safety_record.Value(1, 11) = "Barred window"
End If
If .chkvermin.Value = 1 Then
    temp_safety_record.Value(1, 12) = "Vermin"
End If
If .chkfood_supply.Value = 1 Then
    temp_safety_record.Value(1, 13) = "Food Supply"
End If
If .chkcloth_supply.Value = 1 Then
    temp_safety_record.Value(1, 14) = "Cloth Supply"
End If
temp_safety_record.Field(2) = .txtcomments.Text
End With
End Sub
Sub save_temp_functionality_record()
    'routine to save data from frmFunctional
    'to the temp_functionality_record
    Set temp_functionality_record = New CUvDynArray
    With frmFunctional
        temp_functionality_record.Field(1) = .cboEating.Text
        temp_functionality_record.Field(2) = .cboDressing.Text
        temp_functionality_record.Field(3) = .cboTransfer.Text
        temp_functionality_record.Field(4) = .cboBathing.Text
        temp_functionality_record.Field(5) = .cboToileting.Text
        temp_functionality_record.Field(6) = .cboGrooming.Text
        temp_functionality_record.Field(7) = .cboMedications.Text
        temp_functionality_record.Field(8) = .cboStair_Climbing.Text
        temp_functionality_record.Field(9) = .cboMobility_Indoor.Text
        temp_functionality_record.Field(10) = .cboMobility_Outdoor.Text
        temp_functionality_record.Field(11) = .cboHousework.Text
        temp_functionality_record.Field(12) = .cboLaundry.Text
        temp_functionality_record.Field(13) = .cboShopping_Errands.Text
        temp_functionality_record.Field(14) = .cboMeal_Prep_Cleanup.Text
        temp_functionality_record.Field(15) = .cboTransportation.Text
        temp_functionality_record.Field(16) = .cboTelephone.Text
        temp_functionality_record.Field(17) = .cboMoney_Management.Text
        temp_functionality_record.Field(18) = .cboWalking.Text
    End With
End Sub

Function total_annual_income()
    'routine to return the total annual income
    With frm_patient
        total_annual_income = Val(.txta_int_div.Text) + _
            Val(.txta_other_income.Text) + _
            Val(.txta_pension.Text) + _
            Val(.txta_ss.Text) + _
            Val(.txta_ssi.Text) + _
            Val(.txta_wage.Text)
    End With
End Function

Function total_monthly_income() As Variant
    'routine to return the total monthly income
    With frm_patient
        total_monthly_income = Val(.txtm_int_div.Text) + _
            Val(.txtm_other_income.Text) + _
            Val(.txtm_pension.Text) + _
            Val(.txtm_ss.Text) + _
            Val(.txtm_ssi.Text) + _
            Val(.txtm_wage.Text)
    End With
End Function

Function update_ref_physician_record() As Boolean

```



```

'routine to update REF.PHYSICIAN record
Dim ref_physician_record As CUvDynArray
With frmadd_ref_phys
    thelname = .txtrp_lname.Text
    themname = .txtrp_mname.Text
    thefname = .txtrp_fname.Text
    theaddress = .txtrp_address.Text
    thecity = .txtrp_city.Text
    thestate = .txtrp_state.Text
    thezip = Trim(.txtrp_zip.FormattedText)
    If thezip = Trim(blank_zip2) Then
        thezip = ""
    ElseIf Len(thezip) = 6 Then
        thezip = Left(thezip, 5)
    End If
    thephone = .txtrp_phone.FormattedText
    If thephone = blank_phone2 Then
        thephone = ""
    End If
    thespecialty = Trim(Right(.cmbpr_specialty.Text, 50))

'check for required data
If thelname = "" Then
    MsgBox "Require Last Name to Save!", vbCritical, "ERROR"
    update_ref_physician_record = False
    Exit Function
ElseIf themname = "" Then
    MsgBox "Require Middle Name or Initial to Save!", vbCritical, "ERROR"
    update_ref_physician_record = False
    Exit Function
ElseIf thefname = "" Then
    MsgBox "Require First Name to Save!", vbCritical, "ERROR"
    update_ref_physician_record = False
    Exit Function
ElseIf thespecialty = "" Then
    MsgBox "Require Specialty to Save!", vbCritical, "ERROR"
    update_ref_physician_record = False
    Exit Function
End If

'START TRANSACTION
Set atransaction = session.Transaction
atransaction.Start
'try to store the REF.PHYSICIAN record
ref_physician_id = .lblrp_id.Caption

'ref_physician_file.LockStrategy = Exclusive
'ref_physician_file.ReleaseStrategy = WRITE_RELEASE
'ref_physician_file.RecordId = ref_physician_id
Set ref_physician_record = ref_physician_file.Record
ref_physician_record.Field(1) = thelname
ref_physician_record.Field(2) = themname
ref_physician_record.Field(3) = thefname
ref_physician_record.Field(4) = theaddress
ref_physician_record.Field(5) = thecity
ref_physician_record.Field(6) = thestate
ref_physician_record.Field(7) = thezip
ref_physician_record.Field(8) = thephone
ref_physician_record.Field(9) = thespecialty
Set ref_physician_file.Record = ref_physician_record
On Error Resume Next
ref_physician_file.Write
If Err.Number <> 0 Then
    MsgBox "VBEror: " & Err.Number & " - " & Err.Description & " Could not update record " & ref_physician_id & " in REF.PHYSICIAN file!", vbCritical,
"ERROR"
    update_ref_physician_record = False
    atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If ref_physician_file.Error <> 0 Then
    MsgBox "UVEror: " & ref_physician_file.Error & " Could not update record " & ref_physician_id & " in REF.PHYSICIAN file!", vbCritical, "ERROR"
    update_ref_physician_record = False
    atransaction.Rollback
    Exit Function
End If
atransaction.Commit
If atransaction.Error > 0 Then
    MsgBox "UVEror: " & atransaction.Error & " - Unable to Commit Transaction updating record " & ref_physician_id & " in REF.PHYSICIAN file!",
vbCritical, "ERROR"
    update_ref_physician_record = False
    atransaction.Rollback
    Exit Function
End If
End With
update_ref_physician_record = True

```

```

If frm_patient.ActiveControl.name = frm_patient.cmdedit_sp.name Then
'do not update frmselect_ref_phys screen
Else
With frmselect_ref_phys.msfgselect_sp
.TextMatrix(.Row, 0) = ref_physician_id
.TextMatrix(.Row, 1) = thelname
.TextMatrix(.Row, 2) = themname
.TextMatrix(.Row, 3) = thefname
.TextMatrix(.Row, 4) = thespecialty
.TextMatrix(.Row, 5) = theaddress
.TextMatrix(.Row, 6) = thecity
.TextMatrix(.Row, 7) = thestate
.TextMatrix(.Row, 8) = thezip
.TextMatrix(.Row, 9) = thephone
End With
End If

'update frm_patient primary physician and
'specialty physician info
'if update of same record is done here
If frm_patient.txtp_id.Text = ref_physician_id Then
Call display_selected_rp_on_frm_patient_prim_phys
End If

'added code to re-display
'updated physician info in specialty physician grid!
With frm_patient.msfg_sp
.Redraw = False
numrows = .Rows - 1
If numrows > 0 Then
For recnum = 1 To numrows
rec_id = .TextMatrix(recnum, 9)
If rec_id = ref_physician_id Then
.TextMatrix(recnum, 0) = thelname
.TextMatrix(recnum, 1) = themname
.TextMatrix(recnum, 2) = thefname
.TextMatrix(recnum, 3) = thespecialty
.TextMatrix(recnum, 4) = theaddress
.TextMatrix(recnum, 5) = thecity
.TextMatrix(recnum, 6) = thestate
.TextMatrix(recnum, 7) = thezip
.TextMatrix(recnum, 8) = thephone
End If
Next recnum
End If
.Redraw = True
End With
End Function

Function update_ref_source_record() As Boolean
'routine to update REF.SOURCE record
Dim ref_source_record As CUVDynArray
With frmadd_rs
thecompany = .txtrs_company.Text
thecontact = .txtrs_name.Text
theaddress = .txtrs_address.Text
thecity = .txtrs_city.Text
thestate = .txtrs_state.Text
thezip = Trim(.txtrs_zip.FormattedText)
If thezip = Trim(blank_zip2) Then
thezip = ""
Elseif Len(thezip) = 6 Then
thezip = Left(thezip, 5)
End If
thephone = .txtrs_phone.FormattedText
If thephone = blank_phone2 Then
thephone = ""
End If

'check for required data
If (thecompany = "" And thecontact = "") Then
MsgBox "Require either Company or Contact to Save!", vbCritical, "ERROR"
update_ref_source_record = False
Exit Function
End If

thetype = Trim(Right(.cmbrs_type.Text, 50))

'START TRANSACTION
Set atransaction = session.Transaction
atransaction.Start
'try to store the REF.SOURCE record
ref_source_id = .lblsource.Caption

'ref_source_file.LockStrategy = Exclusive
'ref_source_file.ReleaseStrategy = WRITE_RELEASE

```

```

'ref_source_file.RecordId = ref_source_id
Set ref_source_record = ref_source_file.Record
ref_source_record.Field(1) = thecompany
ref_source_record.Field(2) = thecontact
ref_source_record.Field(3) = theaddress
ref_source_record.Field(4) = thecity
ref_source_record.Field(5) = thestate
ref_source_record.Field(6) = thezip
ref_source_record.Field(7) = thephone
ref_source_record.Field(8) = thetype
Set ref_source_file.Record = ref_source_record
On Error Resume Next
ref_source_file.Write
If Err.Number <> 0 Then
    MsgBox "VBEError: " & Err.Number & " - " & Err.Description & " Could not update record " & ref_source_id & " in REF.SOURCE file!", vbCritical,
"ERROR"
    update_ref_source_record = False
    atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If ref_source_file.Error <> 0 Then
    MsgBox "UVError: " & ref_source_file.Error & " Could not update record " & ref_source_id & " in REF.SOURCE file!", vbCritical, "ERROR"
    update_ref_source_record = False
    atransaction.Rollback
    Exit Function
End If
atransaction.Commit
If atransaction.Error > 0 Then
    MsgBox "UVError: " & atransaction.Error & " - Unable to Commit Transaction updating record " & ref_source_id & " in REF.SOURCE file!",
vbCritical, "ERROR"
    update_ref_source_record = False
    atransaction.Rollback
    Exit Function
End If
End With
update_ref_source_record = True
With frmselect_rs.msfg_rs
    .TextMatrix(.Row, 0) = ref_source_id
    .TextMatrix(.Row, 1) = thecompany
    .TextMatrix(.Row, 2) = thecontact
    .TextMatrix(.Row, 3) = theaddress
    .TextMatrix(.Row, 4) = thecity
    .TextMatrix(.Row, 5) = thestate
    .TextMatrix(.Row, 6) = thezip
    .TextMatrix(.Row, 7) = thephone
    .TextMatrix(.Row, 8) = thetype
End With

'update frm_patient referral source info
'if update of same record is done here
If frm_patient.txtrs_source.Text = ref_source_id Then
    Call display_selected_rs
End If
End Function

'change the display value of frm_patient
Sub update_referral_shared_info()
    With frm_patient
        If temp_living_record.Field(6) = "Y" Then
            .chklivealone.Value = 1
        Else
            .chklivealone.Value = 0
        End If
        .txtrm_housing_expenses.Text = session.Oconv(temp_living_record.Field(5), "MD2")
        found = False
        For i = 0 To .cmbownership.ListCount - 1
            If .cmbownership.List(i) = temp_living_record.Field(7) Then
                '.cmbownership.Text = temp_living_record.Field(7)
                .cmbownership.ListIndex = i
                found = True
            Exit For
        End If
    Next i
    If Not found Then
        'set to unknown
        .cmbownership.ListIndex = 2
    End If
    found = False
    For i = 0 To .cmbrestype.ListCount - 1
        If .cmbrestype.List(i) = temp_living_record.Field(8) Then
            '.cmbrestype.Text = temp_living_record.Field(8)
            .cmbrestype.ListIndex = i
            found = True
        Exit For
    End If
End If

```

```

Next i
If Not found Then
'set to unknown
.cmbrestype.ListIndex = 7
End If
End With
End Sub

'add for risk points
Sub save_temp_risk_record()
'jl 8.01.2002 routine to save the results of
'FORM frmRisk to temporary array
'temp_risk_record
Dim tot_point As Variant
tot_point = 0
With frmRisk
numchkboxes = .chkrisk_item.count - 1
Set temp_risk_record = New CUvDynArray
For i = 0 To numchkboxes
If .chkrisk_item(i).Value = 1 Then
temp_risk_record.Field(i + 1) = "Y"
Select Case i
Case Is = 0
tot_point = tot_point + 2
Case Is = 1
tot_point = tot_point + 3
Case Is = 2
tot_point = tot_point + 2
Case Is = 3
tot_point = tot_point + 2
Case Is = 4
tot_point = tot_point + 2
Case Is = 5
tot_point = tot_point + 4
Case Is = 6
tot_point = tot_point + 1
Case Is = 7
tot_point = tot_point + 1
Case Is = 8
tot_point = tot_point + 2
Case Is = 9
tot_point = tot_point + 2
End Select
Else
temp_risk_record.Field(i + 1) = "N"
End If
Next i
.txtNRP = tot_point
temp_risk_record.Field(11) = tot_point
End With
End Sub

Sub display_Risk_points()
'routine to display the equipment data
'from temp_risk_record
With frmRisk
numequip = .chkrisk_item.count - 1
For i = 0 To numequip
If temp_risk_record.Field(i + 1) = "Y" Then
.chkrisk_item(i).Value = 1
Else
.chkrisk_item(i).Value = 0
End If
Next i
.txtNRP.Text = temp_risk_record.Field(11)
End With
End Sub

'routines for assessment
'routines for linkages initial assessment
Sub init_fmmlinkages_grid()
With frmmlinkages.msfgmedication
.Rows = 2
.Cols = 6
.Clear
Select Case CallNO
Case 1 To 9
.TextMatrix(0, 0) = "Date"
.TextMatrix(0, 1) = "Medication"
.TextMatrix(0, 2) = "Dosage"
.TextMatrix(0, 3) = "#Freq.RX"
.TextMatrix(0, 4) = "Doctor"
.TextMatrix(0, 5) = "MediCal"

.ColWidth(0) = 960
.ColWidth(1) = 3500

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.ColWidth(2) = 1440
.ColWidth(3) = 960
.ColWidth(4) = 2350
.ColWidth(5) = 750

.ColAlignment(0) = 1
.ColAlignment(1) = 1
.ColAlignment(2) = 1
.ColAlignment(3) = 1
.ColAlignment(4) = 1
.ColAlignment(5) = 1
Case 11
.Cols = 8
.TextMatrix(0, 0) = "Date"
.TextMatrix(0, 1) = "Init."
.TextMatrix(0, 2) = "Medication/Dosage"
.TextMatrix(0, 3) = "Route"
.TextMatrix(0, 4) = "Freq"
.TextMatrix(0, 5) = "Ordered by Dr."
.TextMatrix(0, 6) = "Refill dates"
.TextMatrix(0, 7) = "TX discount"

.ColWidth(0) = 960
.ColWidth(1) = 600
.ColWidth(2) = 3000
.ColWidth(3) = 750
.ColWidth(4) = 960
.ColWidth(5) = 1440
.ColWidth(6) = 960
.ColWidth(7) = 960

.ColAlignment(0) = 1
.ColAlignment(1) = 1
.ColAlignment(2) = 1
.ColAlignment(3) = 1
.ColAlignment(4) = 1
.ColAlignment(5) = 1
.ColAlignment(6) = 1
.ColAlignment(7) = 1
Case 12
Case 13
Case 14
End Select
.Rows = 1
End With
End Sub

Sub init_frmLinkages()
With frmLinkages
.labName.Caption = "Client Name: " + frm_patient.txtname.Text + ", " + frm_patient.txtfirst_name.Text
.msgMedication.Clear
.labNum.Caption = "ICMP# "
.txtMdate.Text = Date
End With
End Sub
Function delete_linkages()
'routine to delete the diag code in form
resp = MsgBox("Are you sure you want to Delete the medication, " & caregiver_name & ", from this referral?", vbYesNo + vbDefaultButton2, "Delete?")
With frmLinkages.msgMedication
currow = .Row
If currow > 0 Then
If resp = vbYes Then
If .Row > 0 Then
.RowHeight(currow) = 0
.TextMatrix(currow, 1) = "D" & .TextMatrix(currow, 1)
'For i = 1 To medication_record.count
medication_record.Value(2, .Row) = "D" & medication_record.Value(2, .Row)
'Next i
End If
If currow = 1 Then
Else
.RemoveItem (currow)
End If
Else
Exit Function
End If
End With
End Function

Sub init_frmLinkages_detail()
'routine to initialize screen for new medication
With frmLinkages_detail
.txtdate.Text = blank_date
.txtdoc.Text = ""
.txtmedication.Text = ""

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.txtdosage.Text = " ____"
.txtfreq.Text = " ____"
.txtunit.Text = " ____"
'for social worker
.chkmedical.Value = 0
'for nursing
.txtInit.Text = ""
.txtRoute.Text = ""
.txtRefill.Text = ""
.txtDiscont.Text = ""
.txtSchedule.Text = ""
.txtPurpose.Text = ""
Select Case CallNO
  Case 1, 2, 3, 4, 13, 14
    .Label8.Visible = False
    .Label9.Visible = False
    .Label10.Visible = False
    .Label11.Visible = False
    .Label12.Visible = False
    .Label13.Visible = False
    .txtInit.Enabled = False
    .txtInit.Visible = False
    .txtRoute.Enabled = False
    .txtRoute.Visible = False
    .txtRefill.Enabled = False
    .txtRefill.Visible = False
    .txtDiscont.Enabled = False
    .txtDiscont.Visible = False
    .txtSchedule.Enabled = False
    .txtSchedule.Visible = False
    .txtPurpose.Enabled = False
    .txtPurpose.Visible = False
    .chkmedical.Caption = "Covered by MediCal?"
  Case 11
    .Label8.Visible = True
    .Label9.Visible = True
    .Label10.Visible = True
    .Label11.Visible = True
    .Label12.Visible = True
    .Label13.Visible = True
    .txtInit.Enabled = True
    .txtInit.Visible = True
    .txtRoute.Enabled = True
    .txtRoute.Visible = True
    .txtRefill.Enabled = True
    .txtRefill.Visible = True
    .txtDiscont.Enabled = True
    .txtDiscont.Visible = True
    .txtSchedule.Enabled = True
    .txtSchedule.Visible = True
    .txtPurpose.Enabled = True
    .txtPurpose.Visible = True
    .chkmedical.Caption = "Self-Medication"
  Case 12
End Select
End With
End Sub

Function display_linkages_detail() As Boolean
  With frmLinkages.msfrmMedication
    If .Row >= 1 Then
      Call init_frmLinkages_detail
      Select Case CallNO
        Case 1, 2, 3, 4, 13, 14
          frmLinkages_detail.txtdate.Text = .TextMatrix(.Row, 0)
          frmLinkages_detail.txtmedication.Text = .TextMatrix(.Row, 1)
          frmLinkages_detail.txtdosage.Text = session.Oconv(.TextMatrix(.Row, 2), "G0 1")
          frmLinkages_detail.txtunit.Text = session.Oconv(.TextMatrix(.Row, 2), "G1 1")
          frmLinkages_detail.txtfreq.Text = .TextMatrix(.Row, 3)
          frmLinkages_detail.txtdoc.Text = .TextMatrix(.Row, 4)
          If .TextMatrix(.Row, 5) = "Y" Then
            frmLinkages_detail.chkmedical.Value = 1
          Else
            frmLinkages_detail.chkmedical.Value = 0
          End If
        Case 11
          currow = .Row
          frmLinkages_detail.txtdate.Text = session.Oconv(medication_record.Value(1, currow), "D4")
          frmLinkages_detail.txtmedication.Text = medication_record.Value(2, currow)
          frmLinkages_detail.txtdosage.Text = medication_record.Value(3, currow)
          frmLinkages_detail.txtunit.Text = medication_record.Value(4, currow)
          frmLinkages_detail.txtfreq.Text = medication_record.Value(5, currow)
          frmLinkages_detail.txtdoc.Text = medication_record.Value(6, currow)
          frmLinkages_detail.txtRoute.Text = medication_record.Value(9, currow)
          frmLinkages_detail.txtSchedule.Text = medication_record.Value(10, currow)
          frmLinkages_detail.txtPurpose.Text = medication_record.Value(11, currow)
        End Case
      End Select
    End If
  End With
End Function

```

```

    frmlinkages_detail.txtInit.Text = medication_record.Value(12, currow)
    frmlinkages_detail.txtRefill.Text = medication_record.Value(13, currow)
    frmlinkages_detail.txtDiscont.Text = medication_record.Value(14, currow)
    If medication_record.Value(15, currow) = "Y" Then
        frmlinkages_detail.chkmedical.Value = 1
    Else
        frmlinkages_detail.chkmedical.Value = 0
    End If
End Select
Else
    Exit Function
End If
End With
frmlinkages_detail.Caption = "Edit Linkages record"
frmlinkages_detail.Show vbModal
End Function

Function save_linkages_record() As Boolean
    Select Case frmlinkages_detail.Caption
        Case Is = "Edit Linkages record"
            'use old record id
            Select Case CallNO
                Case 1, 2, 3, 4, 13, 14
                    With frmlinkages.msfgmedication
                        .TextMatrix(.Row, 0) = frmlinkages_detail.txtdate.Text
                        .TextMatrix(.Row, 1) = frmlinkages_detail.txtmedication.Text
                        .TextMatrix(.Row, 2) = frmlinkages_detail.txtdosage.Text + " " + frmlinkages_detail.txtunit.Text

                        .TextMatrix(.Row, 3) = frmlinkages_detail.txtfreq
                        .TextMatrix(.Row, 4) = frmlinkages_detail.txtdoc.Text
                        If frmlinkages_detail.chkmedical.Value = 1 Then
                            .TextMatrix(.Row, 5) = "Y"
                        Else
                            .TextMatrix(.Row, 5) = "N"
                        End If
                    End With
                End With
            Case 11
                currow = frmlinkages.msfgmedication.Row
                medication_record.Value(1, currow) = session.Iconv(frmlinkages_detail.txtdate.Text, "D4/")
                medication_record.Value(2, currow) = frmlinkages_detail.txtmedication.Text
                medication_record.Value(3, currow) = frmlinkages_detail.txtdosage.Text
                medication_record.Value(4, currow) = frmlinkages_detail.txtunit.Text
                medication_record.Value(5, currow) = frmlinkages_detail.txtfreq.Text
                medication_record.Value(6, currow) = frmlinkages_detail.txtdoc.Text
                medication_record.Value(9, currow) = frmlinkages_detail.txtRoute.Text
                medication_record.Value(10, currow) = frmlinkages_detail.txtSchedule.Text
                medication_record.Value(11, currow) = frmlinkages_detail.txtPurpose.Text
                medication_record.Value(12, currow) = frmlinkages_detail.txtInit.Text
                medication_record.Value(13, currow) = frmlinkages_detail.txtRefill.Text
                medication_record.Value(14, currow) = frmlinkages_detail.txtDiscont.Text
                If frmlinkages_detail.chkmedical = vbChecked Then
                    medication_record.Value(15, currow) = "Y"
                Else
                    medication_record.Value(15, currow) = "N"
                End If
                With frmlinkages.msfgmedication
                    the_date = session.Oconv(medication_record.Value(1, currow), "D4/")
                    If the_date = "" Then
                        the_date = blank_date
                    End If
                    If medication_record.Value(2, currow) <> "" Then
                        medication = medication_record.Value(2, currow)
                    End If
                    MedDosage = medication & " " & medication_record.Value(3, currow) + " " + medication_record.Value(4, currow)
                    .TextMatrix(currow, 0) = the_date
                    .TextMatrix(currow, 1) = medication_record.Value(12, currow)
                    .TextMatrix(currow, 2) = MedDosage
                    .TextMatrix(currow, 3) = medication_record.Value(9, currow)
                    .TextMatrix(currow, 4) = medication_record.Value(5, currow)
                    .TextMatrix(currow, 5) = medication_record.Value(6, currow)
                    .TextMatrix(currow, 6) = medication_record.Value(13, currow)
                    .TextMatrix(currow, 7) = medication_record.Value(14, currow)
                End With
            End Select
        Case Is = "Add Linkages record"
            'assign a new record id
            With frmlinkages_detail
                If .txtdate.Text = "" Then
                    MsgBox "The date cannot be empty.", vbCritical, "UVErrror"
                    .txtdate.SetFocus
                Exit Function
            End If
            If .txtmedication.Text = "" Then
                MsgBox "The medication cannot be empty.", vbCritical, "UVErrror"
                .txtmedication.SetFocus
            Exit Function
        End With
    End Select
End Function

```

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End If
If .txtdosage.Text = "" Or .txtunit.Text = "" Then
    MsgBox "The dosage and unit cannot be empty.", vbCritical, "UVErrror"
    .txtdosage.SetFocus
    Exit Function
Else
    dosage = Trim(.txtdosage.Text) + " " + Trim(.txtunit.Text)
End If
If .txtfreq.Text = "" Then
    MsgBox "The freq. cannot be empty.", vbCritical, "UVErrror"
    .txtfreq.SetFocus
    Exit Function
End If
If .txtdoc.Text = "" Then
    MsgBox "The date cannot be empty.", vbCritical, "UVErrror"
    .txtdoc.SetFocus
    Exit Function
End If
If .chkmedical.Value = 0 Then
    medical_flag = "N"
Else
    medical_flag = "Y"
End If
Select Case CallNO
Case 1, 2, 3, 4, 13, 14
    frmlinkages.msfgmedication.AddItem Trim(frmlinkages_detail.txtdate.Text) & Chr(9) & _
        Trim(frmlinkages_detail.txtmedication.Text) & Chr(9) & _
        dosage & Chr(9) & _
        Trim(frmlinkages_detail.txtfreq.Text) & Chr(9) & _
        Trim(frmlinkages_detail.txtdoc.Text) & Chr(9) & _
        medical_flag
Case 11
    currow = medication_record.Field(1).count + 1
    medication_record.Value(1, currow) = session.Iconv(frmlinkages_detail.txtdate.Text, "D4/")
    medication_record.Value(2, currow) = frmlinkages_detail.txtmedication.Text
    medication_record.Value(3, currow) = frmlinkages_detail.txtdosage.Text
    medication_record.Value(4, currow) = frmlinkages_detail.txtunit.Text
    medication_record.Value(5, currow) = frmlinkages_detail.txtfreq.Text
    medication_record.Value(6, currow) = frmlinkages_detail.txtdoc.Text
    medication_record.Value(9, currow) = frmlinkages_detail.txtRoute.Text
    medication_record.Value(10, currow) = frmlinkages_detail.txtSchedule.Text
    medication_record.Value(11, currow) = frmlinkages_detail.txtPurpose.Text
    medication_record.Value(12, currow) = frmlinkages_detail.txtInit.Text
    medication_record.Value(13, currow) = frmlinkages_detail.txtRefill.Text
    medication_record.Value(14, currow) = frmlinkages_detail.txtDiscont.Text
    If frmlinkages_detail.chkmedical = vbChecked Then
        medication_record.Value(15, currow) = "Y"
    Else
        medication_record.Value(15, currow) = "N"
    End If
    'add to grid box

    the_date = session.Oconv(medication_record.Value(1, currow), "D4/")
    If the_date = "" Then
        the_date = blank_date
    End If
    If medication_record.Value(2, currow) <> "" Then
        medication = medication_record.Value(2, currow)
    End If
    MedDosage = medication & " " & medication_record.Value(3, currow) + " " + medication_record.Value(4, currow)
    frmlinkages.msfgmedication.AddItem the_date & Chr(9) & _
        medication_record.Value(12, currow) & Chr(9) & _
        MedDosage & Chr(9) & _
        medication_record.Value(9, currow) & Chr(9) & _
        medication_record.Value(5, currow) & Chr(9) & _
        medication_record.Value(6, currow) & Chr(9) & _
        medication_record.Value(13, currow) & Chr(9) & _
        medication_record.Value(14, currow)

    End Select
End With
End Select
Unload frmlinkages_detail
End Function
Function update_linkages() As Boolean
    update_linkages = True
    If CallNO <> 11 Then
        Set medication_record = New CUVDynArray
    End If
    Select Case CallNO
    Case 1
        medication_record.Field(8) = Trim(frmADHC.cmbAssess_id.Text)
    Case 2
        medication_record.Field(8) = Trim(frmICMP.cmbAssess_id.Text)
    Case 3
        medication_record.Field(8) = Trim(frmMssp.cmbAssess_id.Text)
    Case 4

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    medication_record.Field(8) = Trim(frmPace.cmbAssess_id.Text)
Case 11
    medication_record.Field(8) = Trim(frmNursingADHC.cmbAssess_id.Text)
Case 12
    'no icmp for nursing
Case 13
    medication_record.Field(8) = Trim(frmNursingMssp.cmbAssess_id.Text)
Case 14
    medication_record.Field(8) = Trim(frmNursingPace.cmbAssess_id.Text)
End Select
With frmlinkages.msfgmedication
    Select Case CallNO
        Case 1, 2, 3, 4, 13, 14
            rowcnt = .Rows - 1
            For i = 1 To rowcnt
                If .TextMatrix(i, 0) <> "D" Then
                    medication_record.Value(1, -1) = session.Iconv(.TextMatrix(i, 0), "D4")
                    medication_record.Value(2, -1) = .TextMatrix(i, 1)
                    medication_record.Value(3, -1) = session.Oconv(.TextMatrix(i, 2), "G0 1")
                    medication_record.Value(4, -1) = session.Oconv(.TextMatrix(i, 2), "G1 1")
                    medication_record.Value(5, -1) = .TextMatrix(i, 3)
                    medication_record.Value(6, -1) = .TextMatrix(i, 4)
                    medication_record.Value(7, -1) = .TextMatrix(i, 5)
                End If
            Next i
        Case 11
    End Select
End With
End Function

Function display_linkages() As Boolean
    Dim med As IUVDynArray
    Set med = medication_record
    With frmlinkages
        Select Case CallNO
            Case 1
                .labName.Caption = "ADHC#"
                .cmdAdd.Enabled = False
                .cmdEdit.Enabled = False
                .cmdDelete.Enabled = False
            Case 2
                .labNum.Caption = "ICMP# " & frmICMP.medCntAsse.Text
                .txtmdate.Text = frmICMP.txticmpdate.Text
                .cmdAdd.Enabled = True
                .cmdEdit.Enabled = True
                .cmdDelete.Enabled = True
            Case 3
                .labNum.Caption = "MSSP# " & frmMssp.txtGeni(4).Text
                .txtmdate.Text = frmMssp.txtmsspdate.Text
                .cmdAdd.Enabled = True
                .cmdEdit.Enabled = True
                .cmdDelete.Enabled = True
            Case 4
                .labNum.Caption = "PACE# " & frmPace.txtAssessEval.Text
                .txtmdate.Text = frmPace.txtAssessDate.Text
                .cmdAdd.Enabled = False
                .cmdEdit.Enabled = False
                .cmdDelete.Enabled = False
            Case 11
                .labName.Caption = "ADHC Nursing#" & frmNursingADHC.txtAssessEval.Text
                .txtmdate.Text = frmNursingADHC.txtAssess_date.Text
                .cmdAdd.Enabled = True
                .cmdEdit.Enabled = True
                .cmdDelete.Enabled = True
            Case 12
                .labNum.Caption = "ICMP Nursing#"
                .cmdAdd.Enabled = True
                .cmdEdit.Enabled = True
                .cmdDelete.Enabled = True
            Case 13
                .labNum.Caption = "MSSP Nursing# " & frmNursingMssp.txtAssessEval.Text
                .txtmdate.Text = frmNursingMssp.txtAssess_date.Text
                .cmdAdd.Enabled = True
                .cmdEdit.Enabled = True
                .cmdDelete.Enabled = True
            Case 14
                .labNum.Caption = "PACE Nursing# " & frmNursingPace.txtAssessEval.Text
                .txtmdate.Text = frmNursingPace.txtAssess_date.Text
                .cmdAdd.Enabled = True
                .cmdEdit.Enabled = True
                .cmdDelete.Enabled = True
        End Select
        Select Case CallNO
            Case 1, 2, 3, 4, 13, 14
                link_cnt = med.Field(1).count
                For i = 1 To link_cnt

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```

the_date = session.Oconv(med.Value(1, i), "D4/")
If the_date = "" Then
the_date = blank_date
End If
If med.Value(2, i) <> "" Then
medication = med.Value(2, i)
End If
dosage = med.Value(3, i) + " " + med.Value(4, i)
If med.Value(7, i) = "Y" Then
medical_flag = "Y"
Else
medical_flag = "N"
End If
frmLinkages.msfrmMedication.AddItem the_date & Chr(9) & _
medication & Chr(9) & _
dosage & Chr(9) & _
med.Value(5, i) & Chr(9) & _
med.Value(6, i) & Chr(9) & _
medical_flag

Next i
Case 11
link_cnt = med.Field(1).count
For i = 1 To link_cnt
the_date = session.Oconv(med.Value(1, i), "D4/")
If the_date = "" Then
the_date = blank_date
End If
If med.Value(2, i) <> "" Then
medication = med.Value(2, i)
End If
MedDosage = medication & " " & med.Value(3, i) + " " + med.Value(4, i)
frmLinkages.msfrmMedication.AddItem the_date & Chr(9) & _
med.Value(12, i) & Chr(9) & _
MedDosage & Chr(9) & _
med.Value(9, i) & Chr(9) & _
med.Value(5, i) & Chr(9) & _
med.Value(6, i) & Chr(9) & _
med.Value(13, i) & Chr(9) & _
med.Value(14, i)

Next i
Case 12
End Select
End With
End Function

' routines to get a new assessments
Sub init_frmdup_problem_reass_date()
Dim referral_record As IUvDynArray
Dim ass_cnt As Variant
Set referral_record = referral_file.Record
Select Case CallNO
Case Is = 1
ass_cnt = referral_record.Field(67).count - 1
last_date = referral_record.Value(68, ass_cnt)
Case Is = 2
ass_cnt = referral_record.Field(68).count - 1
last_date = referral_record.Value(68, ass_cnt)
Case Is = 3
ass_cnt = referral_record.Field(69).count - 1
last_date = referral_record.Value(68, ass_cnt)
Case Is = 4
ass_cnt = referral_record.Field(70).count - 1
last_date = referral_record.Value(68, ass_cnt)
End Select
If last_date <> "" Then
' JL 7.10.2002 need to have user enter reassessment date
' for duplicated record which is >= the last assessment date
frmdup_problem_reass_date.dtpreassess_date.MinDate = session.Oconv(last_date, "D4/")
frmdup_problem_reass_date.dtpreassess_date.Value = frmdup_problem_reass_date.dtpreassess_date.MinDate
frmdup_problem_reass_date.dtpreassess_date.Value = Date
' frmdup_problem_reass_date.Show vbModal
' prob_reassess = frmdup_problem_reass_date.dtpreassess_date.Value
End If
End Sub
Sub init_frmNew_assessment()
Dim referral_record As IUvDynArray
Dim ass_cnt As Variant
Dim ass_id As Variant
Set referral_record = referral_file.Record
Select Case CallNO
Case Is = 1
ass_cnt = referral_record.Field(67).count
last_date = referral_record.Value(67, ass_cnt)
Case Is = 2
ass_cnt = referral_record.Field(68).count
last_date = referral_record.Value(68, ass_cnt)

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Case ls = 3
    ass_cnt = referral_record.Field(69).count
    last_date = referral_record.Value(69, ass_cnt)
Case ls = 4
    ass_cnt = referral_record.Field(70).count
    last_date = referral_record.Value(70, ass_cnt)
Case ls = 11
    ass_cnt = referral_record.Field(221).count
    last_date = referral_record.Value(221, ass_cnt)
Case ls = 12
    ass_cnt = referral_record.Field(222).count
    last_date = referral_record.Value(222, ass_cnt)
Case ls = 13
    ass_cnt = referral_record.Field(223).count
    last_date = referral_record.Value(223, ass_cnt)
Case ls = 14
    ass_cnt = referral_record.Field(224).count
    last_date = referral_record.Value(224, ass_cnt)
End Select
If last_date = "" Then
    last_date = DatePart("yyyy", Date) - 3
    last_date = "12" & Right(last_date, 2)
End If
last_year = Val(Right(last_date, 2))
With frmNew_Assessment
    For i = 0 To 10
        If Val(last_year + i) > 9 Then
            If Val(last_year + i) > 99 Then
                .cmbAssessYear.AddItem Right(last_year + i, 2)
            Else
                .cmbAssessYear.AddItem Trim(Str(last_year + i))
            End If
        Else
            .cmbAssessYear.AddItem "0" & (last_year + i)
        End If
    Next i
    last_q = Left(last_date, 2)
    item_cnt = .cmbAssessTerm.ListCount - 1
    For i = 0 To item_cnt
        If last_q = .cmbAssessTerm.List(i) Then
            If .cmbAssessTerm.List(i) = "12" Then
                .cmbAssessTerm.ListIndex = 0
            Else
                .cmbAssessTerm.ListIndex = i + 1
            End If
        End If
    Next i
End With
'JL 7.10.2002 need to have user enter reassessment date
'for duplicated record which is >= the last assessment date
frmNew_Assessment.dlpreassess_date.Value = Date
End Sub

Function get_new_assessment_id() As Variant
Dim referral_record As IUvDynArray
Dim ass_cnt As Variant
Dim ass_id As Variant
Dim found As Boolean
found = False
Set referral_record = referral_file.Record
With frmNew_Assessment
    ass_date = session.Oconv(session.Iconv(frmNew_Assessment.dlpreassess_date.Value, "D4/"), "D4/")
    If ass_date = "" Then
        MsgBox "Assessment date is a required", vbCritical, "Duplicate Assessment!"
        .dlpreassess_date.SetFocus
        Exit Function
    End If
    If .cmbAssessTerm.Text = "" Then
        MsgBox "Assessment term is a required", vbCritical, "Duplicate Assessment!"
        .cmbAssessTerm.SetFocus
        Exit Function
    End If
    If .cmbAssessYear.Text = "" Then
        MsgBox "Assessment year is a required", vbCritical, "Duplicate Assessment!"
        .cmbAssessYear.SetFocus
        Exit Function
    End If
    ass_id = frmNew_Assessment.cmbAssessTerm.Text & Trim(.cmbAssessYear)
End With
Select Case CallNO
Case ls = 1
    ass_cnt = new_assessment.Field(1).count
    With frmADHC
        If ass_cnt > 0 Then

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For i = 1 To ass_cnt
    If ass_id = new_assessment.Value(1, i) Then
        found = True
    End If
Next i
If found Then
    MsgBox "Assessment for " & ass_id & " already exists!", vbCritical, "Duplicate Assessment!"
    Exit Function
Else
    .txtADHC_date.Text = ass_date
    .cmbAssess_id.Text = ass_id
    ass_cnt = ass_cnt + 1
    adhcsw_file.RecordId = frm_patient.txtreferral_id.Text & "" & ass_id
    .labelTitle.ForeColor = vbBlue
    .labelTitle.Caption = "Reassessment"
    Call display_adhc_shared_information
End If
Else
    resp = MsgBox("Is this an initial assessment?", vbYesNo + vbDefaultButton2, "INITIAL")
    If resp = vbYes Then
        .txtADHC_date.Text = ass_date
        .cmbAssess_id.Text = ass_id
        ass_cnt = 1
        adhcsw_file.RecordId = frm_patient.txtreferral_id.Text & "" & Trim(.cmbAssess_id.Text)
        Call display_adhc_shared_information
        .labelTitle.ForeColor = vbRed
        .labelTitle.Caption = "Initial"
    Else
        MsgBox "Initial assessment must be entered before reassessment!", vbInformation, "INITIAL"
        Unload frmNew_Assessment
        Exit Function
    End If
End If
End With
Case Is = 2
    ass_cnt = new_assessment.Field(2).count
    With frmICMP
        If ass_cnt > 0 Then
            For i = 1 To ass_cnt
                If ass_id = new_assessment.Value(2, i) Then
                    found = True
                End If
            Next i
            If found Then
                MsgBox "Assessment for " & ass_id & " already exists!", vbCritical, "Duplicate Assessment!"
                Exit Function
            Else
                .txticmpdate.Text = ass_date
                .cmbAssess_id.Text = ass_id
                ass_cnt = ass_cnt + 1
                icmpsw_file.RecordId = frm_patient.txtreferral_id.Text & "" & Trim(.cmbAssess_id.Text)
                For i = Len(ass_cnt) To 6
                    ass_cnt = " " & ass_cnt
                Next i
                .medCintAsse.Text = ass_cnt
                Call display_icmp_shared_information
                .labelTitle.ForeColor = vbBlue
                .labelTitle.Caption = "Reassessment"
                'frmdup_problem_reass_date.Hide
                .mnuReport.Enabled = True
                .mnuAction.Enabled = True
                .mnuNewassessment.Enabled = False
                .mnuUpdate.Enabled = True
                .medCintAsse.Enabled = False
                .txticmpdate.Enabled = False
                .cmbAssess_id.Enabled = False
            End If
        Else
            resp = MsgBox("Is this an initial assessment?", vbYesNo + vbDefaultButton2, "INITIAL")
            If resp = vbYes Then
                .txticmpdate.Text = ass_date
                .cmbAssess_id.Text = ass_id
                ass_cnt = 1
                icmpsw_file.RecordId = frm_patient.txtreferral_id.Text & "" & Trim(.cmbAssess_id.Text)
                For i = Len(ass_cnt) To 6
                    ass_cnt = " " & ass_cnt
                Next i
                .medCintAsse.Text = ass_cnt
                Call display_icmp_shared_information
                .labelTitle.ForeColor = vbRed
                .labelTitle.Caption = "Initial"
                'frmdup_problem_reass_date.Hide
                .mnuReport.Enabled = True
                .mnuAction.Enabled = True
                .mnuNewassessment.Enabled = False
                .mnuUpdate.Enabled = True
            End If
        End If
    End With

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.medClnlAsse.Enabled = False
.txtlcmpdate.Enabled = False
.cmbAssess_id.Enabled = False
Else
MsgBox "Initial assessment must be entered before reassessment!", vbInformation, "INITIAL"
Unload frmNew_Assessment
Exit Function
End If
End If
End With
Case Is = 3
ass_cnt = new_assessment.Field(3).count
With frmMssp
If ass_cnt > 0 Then
For i = 1 To ass_cnt
If ass_id = new_assessment.Value(3, i) Then
found = True
End If
Next i
If found Then
MsgBox "Assessment for " & ass_id & " already exists!", vbCritical, "Duplicate Assessment!"
Exit Function
Else
.txtmsspdate.Text = ass_date
.cmbAssess_id.Text = ass_id
ass_cnt = ass_cnt + 1
.txtGenl(4).Text = ass_cnt
msspssw_file.RecordId = frm_patient.txtreferral_id.Text & "" & ass_id
.labelTitle.ForeColor = vbBlue
.labelTitle.Caption = "Reassessment"
Call display_mssp_shared_information
End If
Else
resp = MsgBox("Is this an initial assessment?", vbYesNo + vbDefaultButton2, "INITIAL")
If resp = vbYes Then
.txtmsspdate.Text = ass_date
.cmbAssess_id.Text = ass_id
ass_cnt = ass_cnt + 1
.txtGenl(4).Text = ass_cnt
msspssw_file.RecordId = frm_patient.txtreferral_id.Text & "" & ass_id
.labelTitle.ForeColor = vbRed
.labelTitle.Caption = "Initial"
Call display_mssp_shared_information
Else
MsgBox "Initial assessment must be entered before reassessment!", vbInformation, "INITIAL"
Unload frmNew_Assessment
Exit Function
End If
End If
End With
Case Is = 4
ass_cnt = new_assessment.Field(4).count
With frmPace
If ass_cnt > 0 Then
For i = 1 To ass_cnt
If ass_id = new_assessment.Value(4, i) Then
found = True
End If
Next i
If found Then
MsgBox "Assessment for " & ass_id & " already exists!", vbCritical, "Duplicate Assessment!"
Exit Function
Else
.txtAssessDate.Text = ass_date
.cmbAssess_id.Text = ass_id
ass_cnt = ass_cnt + 1
pacecssw_file.RecordId = frm_patient.txtreferral_id.Text & "" & ass_id
.txtAssessEval.Text = ass_cnt
.labelTitle.ForeColor = vbBlue
.labelTitle.Caption = "Reassessment"
Call display_pace_shared_information
End If
Else
resp = MsgBox("Is this an initial assessment?", vbYesNo + vbDefaultButton2, "INITIAL")
If resp = vbYes Then
.txtAssessDate.Text = ass_date
.cmbAssess_id.Text = ass_id
ass_cnt = ass_cnt + 1
pacecssw_file.RecordId = frm_patient.txtreferral_id.Text & "" & ass_id
.txtAssessEval.Text = ass_cnt
.labelTitle.ForeColor = vbRed
.labelTitle.Caption = "Initial"
Call display_pace_shared_information
Else
MsgBox "Initial assessment must be entered before reassessment!", vbInformation, "INITIAL"
Unload frmDup_problem_reass_date

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        Exit Function
    End If
End If
End With
End Select
assess_newflag = True
Set temp_adliadl_record = New CUVDynArray
End Function

Sub init_frmlabel()
    With frmlabel
        .dtpStartDate.Value = Date
        .dtpEndDate.Value = Date
        Call init_frmlabel_program_list
        .cmbPorg.ListIndex = -1
    End With
End Sub

'routines for adding social worker for each refto program
Sub clear_frmSW(prog_name As String)
    With frmSW
        Call init_frmSW_cmb(.cmbSW.name)
        .cmbSW.ListIndex = -1
        .txtsw_jd = ""
        .txtsw_prog.Text = prog_name
        .txtsw_address.Text = ""
        .txtsw_city.Text = ""
        .txtsw_state.Text = ""
        .txtsw_zip.Text = blank_zip
        .txtsw_phone.Text = blank_phone
    End With
End Sub

Sub init_frmSW_cmb(cmb_name As Variant)
    Dim sw_list As IUvSelectList
    Dim sw_record As IUvDynArray
    Dim ref_physician_record As IUvDynArray
    Dim temp_ref_physician_file As IUvfile
    Dim sw_name As String
    With frmSW
        Select Case cmb_name
            Case Is = .cmbSW.name
                .cmbSW.Clear
                If session.IsActive Then
                    If error_opening(temp_ref_physician_file, "CIREF.PHYSICIAN") Then
                        MsgBox "Error...unable to execute search. Try again later.", vbCritical, "Error"
                        Exit Sub
                    End If
                    Set sw_list = session.SelectList(0)
                    sw_list.ClearList
                    session.Command.Text = "SSELECT CIREF.PHYSICIAN WITH SPECIALTY EQ ""60"" BY LAST.NAME BY FIRST.NAME BY MID.NAME"
                    On Error Resume Next
                    session.Command.Exec
                    If session.Error <> 0 Then
                        MsgBox "UVErrror selecting CIREF.PHYSICIAN items!", vbCritical, "UVErrror"
                        Exit Sub
                    End If
                    temp_ref_physician_file.RecordId = sw_list.Next
                    Do While Not sw_list.LastRecordRead
                        temp_ref_physician_file.Read
                        If temp_ref_physician_file.Error <> 0 Then
                            MsgBox "UVErrror reading CIREF.PHYSICIAN record " & temp_ref_physician_file.RecordId & ".", vbCritical, "UVErrror"
                        End If
                        Set ref_physician_record = temp_ref_physician_file.Record
                        sw_name = ref_physician_record.Field(1) & ", " & ref_physician_record.Field(3) & " " & ref_physician_record.Field(2)
                        .cmbSW.AddItem sw_name
                        .cmbSW.ItemData(.cmbSW.ListCount - 1) = temp_ref_physician_file.RecordId
                        temp_ref_physician_file.RecordId = sw_list.Next
                    Loop
                Else
                    MsgBox "Error reading REF.PHYSICIAN! Ending program!", vbCritical, "ERROR"
                End If
            End Select
        End With
    End Sub

Function display_sw_info(sw_id As String) As Boolean
    'DISPLAY SW CONTACT INFO
    Dim ref_physician_record As IUvDynArray
    Dim temp_ref_physician_file As IUvfile
    display_sw_info = False
    If error_opening(temp_ref_physician_file, "CIREF.PHYSICIAN") Then
        MsgBox "Error...unable to execute search. Try again later.", vbCritical, "Error"
    End Function
End If

```

```

If sw_id = "" Then
    Exit Function
Else
    theaddress = ""
    thecity = ""
    thephone = ""
    On Error Resume Next
    temp_ref_physician_file.LockStrategy = None
    temp_ref_physician_file.RecordId = sw_id
    temp_ref_physician_file.Read
    If Err.Number <> 0 Then
        MsgBox "VbError " & Err.Number & "; " & Err.Description & "---- Unable to read REF.PHYSICIAN record " & ref_physician_file.RecordId & """,
vbCritical, "VbError Displaying SW Information!"
        Exit Function
    End If
    On Error GoTo 0
    If temp_ref_physician_file.Error = UVE_RNF Then
        'record not found, display warning but allow
        'program to continue
        MsgBox "Warning: Unable to find REF.PHYSICIAN record " & temp_ref_physician_file.RecordId & " ... Record may have been deleted by another
user! Unable to display SW Information!", vbCritical, "Missing Record"
        get_sw_info = True
    ElseIf temp_ref_physician_file.Error <> 0 Then
        If temp_ref_physician_file.Error = UVE_LCK Then
            MsgBox "Warning: Unable to read REF.PHYSICIAN record " & temp_ref_physician_file.RecordId & " ... Record is used by another user! Unable
to display SW Information!", vbCritical, "Locked Record"
            get_sw_info = True
        Else
            MsgBox "UVEError " & temp_ref_physician_file.Error & " --- Unable to read REF.PHYSICIAN record " & ref_physician_file.RecordId & """,
vbCritical, "UVEError Displaying SW Information!"
            Exit Function
        End If
    Else 'no error, display record
        Set ref_physician_record = temp_ref_physician_file.Record
        thezip = ref_physician_record.Field(7)
        If thezip = "" Then
            thezip = blank_zip
        ElseIf Right(thezip, 1) = "-" Then
            thezip = thezip & "____"
        ElseIf Len(thezip) = 5 Then
            thezip = thezip & "-____"
        End If
        thephone = ref_physician_record.Field(8)
        If thephone = "" Then
            thephone = blank_phone
        End If
        With frmSW
            .txtsw_id.Text = sw_id
            .txtsw_address.Text = ref_physician_record.Field(4)
            .txtsw_city.Text = ref_physician_record.Field(5)
            .txtsw_state.Text = ref_physician_record.Field(6)
            .txtsw_zip.Text = thezip
            .txtsw_phone.Text = thephone
            If .cmbSW.ListIndex < 0 Then
                item_cnt = .cmbSW.ListCount - 1
                For i = 0 To item_cnt
                    If Val(sw_id) = .cmbSW.ItemData(i) Then
                        .cmbSW.ListIndex = i
                    End If
                Next i
            End If
        End With
        display_sw_info = True
    End Function

Function save_sw_info() As Boolean
    save_sw_info = True
    With frmSW
        If .cmbSW.ListIndex < 0 Then
            MsgBox "Must select a Social Worker OR click 'Cancel'", vbCritical, "ERROR"
            save_sw_info = False
        End If
        sw_name = .cmbSW.Text
        If .txtsw_id.Text = "" Then
            MsgBox "Must select a valid Social Worker OR click 'Cancel'", vbCritical, "ERROR"
            save_sw_info = False
        End If
        sw_id = .txtsw_id.Text
        If .txtsw_prog.Text = "" Then
            MsgBox "Must have a Referral program associated with this Social Worker OR click 'Cancel'", vbCritical, "ERROR"
            save_sw_info = False
        End If
        sw_phone = .txtsw_phone.Text
    End With
End Function

```

```

End With
With frm_patient.msfgref_to
therow = frm_patient.msfgref_to.Row
If therow > 0 Then
.TextMatrix(therow, 9) = "E"
.TextMatrix(therow, 10) = sw_id
.TextMatrix(therow, 11) = sw_name
.TextMatrix(therow, 12) = sw_phone
Else
MsgBox "Must select Program OR click 'Cancel'", vbCritical, "ERROR"
save_sw_info = False
End If
End With
End Function

```

SSW_MODULE

```

.....
**          Function for Social Worker          *
**
**          JL 07/20/2002
**
.....

'save caregiver information
Function save_caregiver_information() As Boolean
Dim temp_caregiver_info As CUvDynArray
Dim old_caregiver_info As IUvDynArray
save_caregiver_information = False
'informal support (non-household)
num_care = new_ref_record.Field(106).count
ref_id = referral_file.RecordId
For i = 1 To num_care
the_name = new_ref_record.Value(106, i)
If the_name = "D" Then
'no caregiver info saved in ADHC, ICMP, and MSSP
'PACESSW
assess_cnt = new_ref_record.Field(70).count
For k = 1 To assess_cnt
ssw_id = ref_id & "" & new_ref_record.Value(70, k)
paccessw_file.RecordId = ssw_id
On Error Resume Next
paccessw_file.Read
If Err.Number <> 0 Then
MsgBox "VBEError updating Non-household Informal Support record "" & ssw_id & "" in ADLIADL for PACESSW. Unable to update!", vbCritical,
"ERROR"
atransaction.Rollback
Exit Function
End If
On Error GoTo 0
If paccessw_file.Error <> 0 Then
MsgBox "VBEError updating Non-household Informal Support record "" & ssw_id & "" in ADLIADL for PACESSW. Unable to update!", vbCritical,
"ERROR"
atransaction.Rollback
Exit Function
End If
Set temp_caregiver_info = paccessw_file.Record
For j = 49 To 60
temp_caregiver_info.Value(j, i).Del
If Err.Number <> 0 Then
MsgBox "VBEError deleting caregiver record "" & ssw_id & "". Unable to Save!", vbCritical, "ERROR"
atransaction.Rollback
Exit Function
End If
On Error GoTo 0
If temp_caregiver_info.Error <> 0 Then
MsgBox "UVEError deleting caregiver record "" & ssw_id & "" from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
atransaction.Rollback
Exit Function
End If
Next j
Set old_caregiver_info = paccessw_file.Record
Set paccessw_file.Record = temp_caregiver_info
On Error Resume Next
paccessw_file.Write
If Err.Number <> 0 Then
MsgBox "VBEError writing to ADLIADL file record "" & ssw_id & "". Could not update!", vbCritical, "ERROR"
atransaction.Rollback
'refto_file.UnlockRecord
Exit Function
End If
On Error GoTo 0
If paccessw_file.Error <> 0 Then
MsgBox "UVEError writing to ADLIADL file record "" & ssw_id & "". Could not save!", vbCritical, "ERROR"
atransaction.Rollback
'refto_file.UnlockRecord
Exit Function

```



```

    End If
Next k
On Error Resume Next
For j = 106 To 114
    new_ref_record.Value(j, i).Del
    If Err.Number <> 0 Then
        MsgBox "VbError deleting No-household caregiver record " & ssw_id & ". Unable to Save!", vbCritical, "ERROR"
        atransaction.Rollback
        Exit Function
    End If
    On Error GoTo 0
    If new_ref_record.Error <> 0 Then
        MsgBox "UvError deleting No-household caregiver record " & ssw_id & " from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
        atransaction.Rollback
        Exit Function
    End If
Next j
End If
Next i
'informal support (household)
num_care = new_ref_record.Field(115).count
ref_id = referral_file.RecordId
For i = 1 To num_care
    the_name = new_ref_record.Value(115, i)
    If the_name = "D" Then
        'no caregiver info saved in ADHC
        'ICMPSSW
        assess_cnt = new_ref_record.Field(68).count
        For k = 1 To assess_cnt
            ssw_id = ref_id & "" & new_ref_record.Value(68, k)
            icmpsw_file.RecordId = ssw_id
            On Error Resume Next
            icmpsw_file.Read
            If Err.Number <> 0 Then
                MsgBox "VbError updating Household Informal Support record " & ssw_id & " for ICMPSSW. Unable to update! ", vbCritical, "ERROR"
                atransaction.Rollback
                Exit Function
            End If
            On Error GoTo 0
            If icmpsw_file.Error <> 0 Then
                MsgBox "VbError updating Household Informal Support record " & ssw_id & " for ICMPSSW. Unable to update! ", vbCritical, "ERROR"
                atransaction.Rollback
                Exit Function
            End If
            Set temp_caregiver_info = icmpsw_file.Record
            temp_caregiver_info.Value(18, i).Del
            If Err.Number <> 0 Then
                MsgBox "VbError deleting household caregiver record " & ssw_id & ". Unable to Save!", vbCritical, "ERROR"
                atransaction.Rollback
                Exit Function
            End If
            On Error GoTo 0
            If temp_caregiver_info.Error <> 0 Then
                MsgBox "UvError deleting household caregiver record " & ssw_id & " from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
                atransaction.Rollback
                Exit Function
            End If
            Set old_caregiver_info = icmpsw_file.Record
            Set icmpsw_file.Record = temp_caregiver_info
            On Error Resume Next
            icmpsw_file.Write
            If Err.Number <> 0 Then
                MsgBox "VbError writing to ICMPSSW file record " & ssw_id & ". Could not update!", vbCritical, "ERROR"
                atransaction.Rollback
                'refo_file.UnlockRecord
                Exit Function
            End If
            On Error GoTo 0
            If icmpsw_file.Error <> 0 Then
                MsgBox "UvError writing to ICMPSSW file record " & ssw_id & ". Could not save!", vbCritical, "ERROR"
                atransaction.Rollback
                'refo_file.UnlockRecord
                Exit Function
            End If
        Next k
    'MSSPSSW
    assess_cnt = new_ref_record.Field(69).count
    For k = 1 To assess_cnt
        ssw_id = ref_id & "" & new_ref_record.Value(69, k)
        msspssw_file.RecordId = ssw_id
        On Error Resume Next
        msspssw_file.Read
        If Err.Number <> 0 Then
            MsgBox "VbError updating Non-household Informal Support record " & ssw_id & " for MSSPSSW. Unable to update! ", vbCritical, "ERROR"
            atransaction.Rollback
            Exit Function
        End If
    Next k

```

```

End If
On Error GoTo 0
If msspssw_file.Error <> 0 Then
    MsgBox "VBEror updating Non-household Informal Support record " & ssw_id & " for MSSPSSW. Unable to update! ", vbCritical, "ERROR"
    atransaction.Rollback
    Exit Function
End If
Set temp_caregiver_info = msspssw_file.Record
temp_caregiver_info.Value(18, i).Del
If Err.Number <> 0 Then
    MsgBox "VBEror deleting caregiver record " & ssw_id & ". Unable to Save!", vbCritical, "ERROR"
    atransaction.Rollback
    Exit Function
End If
On Error GoTo 0
If temp_caregiver_info.Error <> 0 Then
    MsgBox "UVEror deleting caregiver record " & ssw_id & " from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
    atransaction.Rollback
    Exit Function
End If
Set old_caregiver_info = msspssw_file.Record
Set msspssw_file.Record = temp_caregiver_info
On Error Resume Next
msspssw_file.Write
If Err.Number <> 0 Then
    MsgBox "VBEror writing to MSSPSSW file record " & ssw_id & ". Could not update!", vbCritical, "ERROR"
    atransaction.Rollback
    'refo_file.UnlockRecord
    Exit Function
End If
On Error GoTo 0
If msspssw_file.Error <> 0 Then
    MsgBox "UVEror writing to MSSPSSW file record " & ssw_id & ". Could not save!", vbCritical, "ERROR"
    atransaction.Rollback
    'refo_file.UnlockRecord
    Exit Function
End If
Next k
'PACESSW
assess_cnt = new_ref_record.Field(70).count
For k = 1 To assess_cnt
    ssw_id = ref_id & "" & new_ref_record.Value(70, k)
    pacesw_file.RecordId = ssw_id
    On Error Resume Next
    pacesw_file.Read
    If Err.Number <> 0 Then
        MsgBox "VBEror updating Household Informal Support record " & ssw_id & " in ADLIADL for PACESSW. Unable to update! ", vbCritical,
"ERROR"
        atransaction.Rollback
        Exit Function
    End If
    On Error GoTo 0
    If pacesw_file.Error <> 0 Then
        MsgBox "VBEror updating Household Informal Support record " & ssw_id & " in ADLIADL for PACESSW. Unable to update! ", vbCritical,
"ERROR"
        atransaction.Rollback
        Exit Function
    End If
    Set temp_caregiver_info = pacesw_file.Record
    For j = 64 To 72
        temp_caregiver_info.Value(j, i).Del
        If Err.Number <> 0 Then
            MsgBox "VBEror deleting caregiver record " & ssw_id & ". Unable to Save!", vbCritical, "ERROR"
            atransaction.Rollback
            Exit Function
        End If
        On Error GoTo 0
        If temp_caregiver_info.Error <> 0 Then
            MsgBox "UVEror deleting caregiver record " & ssw_id & " from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
            atransaction.Rollback
            Exit Function
        End If
    Next j
    Set old_caregiver_info = pacesw_file.Record
    Set pacesw_file.Record = temp_caregiver_info
    On Error Resume Next
    pacesw_file.Write
    If Err.Number <> 0 Then
        MsgBox "VBEror writing to ADLIADL file record " & ssw_id & ". Could not update!", vbCritical, "ERROR"
        atransaction.Rollback
        'refo_file.UnlockRecord
        Exit Function
    End If
    On Error GoTo 0
    If pacesw_file.Error <> 0 Then
        MsgBox "UVEror writing to ADLIADL file record " & ssw_id & ". Could not save!", vbCritical, "ERROR"
    End If

```

```

        atransaction.Rollback
        'ref_to_file.UnlockRecord
        Exit Function
    End If
Next k
On Error Resume Next
For j = 115 To 123
    new_ref_record.Value(j, i).Del
    If Err.Number <> 0 Then
        MsgBox "VBEror deleting caregiver record " & ssw_id & ". Unable to Save!", vbCritical, "ERROR"
        atransaction.Rollback
        Exit Function
    End If
    On Error GoTo 0
    If new_ref_record.Error <> 0 Then
        MsgBox "UVEror deleting caregiver record " & ssw_id & " from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
        atransaction.Rollback
        Exit Function
    End If
Next j
End If
Next i
'formal support
num_care = new_ref_record.Field(124).count
ref_id = referral_file.RecordId
For i = 1 To num_care
    the_name = new_ref_record.Value(124, i)
    If the_name = "D" Then
        'no caregiver info saved in ADHC
        assess_cnt = new_ref_record.Field(68).count
        For k = 1 To assess_cnt
            ssw_id = ref_id & "" & new_ref_record.Value(68, k)
            icmpssw_file.RecordId = ssw_id
            On Error Resume Next
            icmpssw_file.Read
            If Err.Number <> 0 Then
                MsgBox "VBEror updating Formal Support record " & ssw_id & " for ICMPSW. Unable to update! ", vbCritical, "ERROR"
                atransaction.Rollback
                'Exit Function
            End If
            On Error GoTo 0
            If icmpssw_file.Error <> 0 Then
                MsgBox "VBEror updating Formal Support record " & ssw_id & " for ICMPSW. Unable to update! ", vbCritical, "ERROR"
                atransaction.Rollback
                Exit Function
            End If
            Set temp_caregiver_info = icmpssw_file.Record
            temp_caregiver_info.Value(22, i).Del
            If Err.Number <> 0 Then
                MsgBox "VBEror deleting formal caregiver record " & ssw_id & ". Unable to Save!", vbCritical, "ERROR"
                atransaction.Rollback
                'Exit Function
            End If
            On Error GoTo 0
            If temp_caregiver_info.Error <> 0 Then
                MsgBox "UVEror deleting formal caregiver record " & ssw_id & " from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
                atransaction.Rollback
                'Exit Function
            End If
            Set old_caregiver_info = icmpssw_file.Record
            Set icmpssw_file.Record = temp_caregiver_info
            On Error Resume Next
            icmpssw_file.Write
            If Err.Number <> 0 Then
                MsgBox "VBEror writing to ICMPSW file record " & ssw_id & ". Could not update!", vbCritical, "ERROR"
                atransaction.Rollback
                'ref_to_file.UnlockRecord
                Exit Function
            End If
            On Error GoTo 0
            If icmpssw_file.Error <> 0 Then
                MsgBox "UVEror writing to ICMPSW file record " & ssw_id & ". Could not save!", vbCritical, "ERROR"
                atransaction.Rollback
                'ref_to_file.UnlockRecord
                Exit Function
            End If
        Next k
    End If
    'MSSPSSW
    assess_cnt = new_ref_record.Field(69).count
    For k = 1 To assess_cnt
        ssw_id = ref_id & "" & new_ref_record.Value(69, k)
        msspsw_file.RecordId = ssw_id
        On Error Resume Next
        msspsw_file.Read
        If Err.Number <> 0 Then
            MsgBox "VBEror updating Formal Support record " & ssw_id & " for MSSPSSW. Unable to update! ", vbCritical, "ERROR"

```

```

        atransaction.Rollback
        'Exit Function
    End If
    On Error GoTo 0
    If msspssw_file.Error <> 0 Then
        MsgBox "VBEError updating Formal Support record "" & ssw_id & "" for MSSPSSW. Unable to update!", vbCritical, "ERROR"
        atransaction.Rollback
        'Exit Function
    End If
    Set temp_caregiver_info = msspssw_file.Record
    temp_caregiver_info.Value(22, i).Del
    If Err.Number <> 0 Then
        MsgBox "VBEError deleting formal caregiver record "" & ssw_id & "". Unable to Save!", vbCritical, "ERROR"
        atransaction.Rollback
        'Exit Function
    End If
    On Error GoTo 0
    If temp_caregiver_info.Error <> 0 Then
        MsgBox "UVError deleting formal caregiver record "" & ssw_id & "" from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
        atransaction.Rollback
        'Exit Function
    End If
    Set old_caregiver_info = msspssw_file.Record
    Set msspssw_file.Record = temp_caregiver_info
    On Error Resume Next
    msspssw_file.Write
    If Err.Number <> 0 Then
        MsgBox "VBEError writing to MSSPSSW file record "" & ssw_id & "". Could not update!", vbCritical, "ERROR"
        atransaction.Rollback
        'refo_file.UnlockRecord
        'Exit Function
    End If
    On Error GoTo 0
    If msspssw_file.Error <> 0 Then
        MsgBox "UVError writing to MSSPSSW file record "" & ssw_id & "". Could not save!", vbCritical, "ERROR"
        atransaction.Rollback
        'refo_file.UnlockRecord
        'Exit Function
    End If
    Next k
    On Error Resume Next
    For j = 115 To 123
        new_ref_record.Value(j, i).Del
        If Err.Number <> 0 Then
            MsgBox "VBEError deleting caregiver record "" & ssw_id & "". Unable to Save!", vbCritical, "ERROR"
            atransaction.Rollback
            Exit Function
        End If
        On Error GoTo 0
        If new_ref_record.Error <> 0 Then
            MsgBox "UVError deleting caregiver record "" & ssw_id & "" from REFERRAL record. Unable to Save!", vbCritical, "ERROR"
            atransaction.Rollback
            Exit Function
        End If
    Next j
    End If
    Next i
    save_caregiver_information = True
End Function
'rountines for diagnosis
Sub search_icd_code()
    'routine to search for ICD-9 code by desc
    Dim icda_list As Object
    Dim icda_record As IUvDynArray
    Dim temp_icda_file As IUvfile
    If error_opening(temp_icda_file, "ICDA") Then
        MsgBox "Error...unable to execute search. Try again later.", vbCritical, "Error"
        Exit Sub
    Else
        With frmHouseHold
            Desc = UCase(Trim(.txtLname.Text))
            If session.IsActive Then
                Set icda_list = session.SelectList(0)
                icda_list.ClearList
                If Desc <> "" Then
                    session.Command.Text = "SSELECT ICDA WITH DESCRIPTION >= "" & Desc & "" BY DESCRIPTION BY @ID"
                Else
                    MsgBox "Description has to be filled!", vbCritical, "MISSING INFO FOR SEARCH"
                    Exit Sub
                End If
            End If

            orig_cap = .Caption
            .Caption = orig_cap & "...Searching ICDA records..."
            .Refresh

            session.Command.Exec

```

```

If session.Error <> 0 Then
    .Caption = orig_cap
    .Refresh
    MsgBox "UVErrror selecting ICDA items!", vbCritical, "UVErrror"
    Exit Sub
End If

temp_icda_file.LockStrategy = None
temp_icda_file.RecordId = icda_list.Next
Do While Not icda_list.LastRecordRead
    temp_icda_file.Read
    If temp_icda_file.Error <> 0 Then
        MsgBox "UVErrror reading ICDA record for " & Desc & ". ", vbCritical, "UVErrror"
        Exit Sub
    End If
    Set icda_record = temp_icda_file.Record
    .msflexHousehold.AddItem temp_icda_file.RecordId & Chr(9) & _
        icda_record.Field(1)

    temp_icda_file.RecordId = icda_list.Next
Loop

.Caption = orig_cap
.Refresh
.msflexHousehold.SetFocus
End If
End With
End If
End Sub

Function display_diag_record(icd_code As Variant) As Boolean
    'returns false if cannot icd-9 code,
    'true after displaying icd-9 record
    'display patient name
    Dim icd_record As IUvDynArray
    display_diag_record = True
    icd_code = Trim(icd_code)
    icda_file.RecordId = icd_code
    icda_file.LockStrategy = None
    On Error Resume Next
    icda_file.Read
    If Err.Number <> 0 Then
        MsgBox "VBError reading Diagnosis record " & icd_code & ". Unable to display!", vbCritical, "VBError"
        display_diag_record = False
        Exit Function
    End If
    On Error GoTo 0
    If icda_file.Error <> 0 Then
        MsgBox "VBError reading Diagnosis record " & icd_code & ". Unable to display!", vbCritical, "VBError"
        display_diag_record = False
        Exit Function
    End If
    Set icd_record = icda_file.Record
    Select Case CallNO
        Case Is = 1
            With frmADHC
                .msflexDiagCode.AddItem icd_code & Chr(9) & icd_record.Field(1)
            End With
        Case Is = 4
            With frmPace
                .msflexDiagCode.AddItem icd_code & Chr(9) & icd_record.Field(1)
            End With
        Case Is = 11
            With frmNursingADHC
                .msflexDiagCode.AddItem icd_code & Chr(9) & icd_record.Field(1)
            End With
        Case Is = 12
            With frmNursingMssp
                .msflexDiagCode.AddItem icd_code & Chr(9) & icd_record.Field(1)
            End With
        Case Is = 14
            With frmNursingPace
                .msflexDiagCode.AddItem icd_code & Chr(9) & icd_record.Field(1)
            End With
    End Select
End Function

Function delete_diag_code(diag_code As Variant)
    'routine to delete the diag code in form
    resp = MsgBox("Are you sure you want to Delete this " & diag_code & " diagnosis from this referral?", vbYesNo + vbDefaultButton2, "Delete?")
    Select Case CallNO
        Case Is = 1
            With frmADHC.msflexDiagCode
                currow = .Row
                If currow > 0 Then
                    cur_index = Trim(.TextMatrix(currow, 0))
                End If
            End With
    End Select
End Function

```

```

        If resp = vbYes Then
            If .Row > 0 Then
                .RowHeight(currow) = 0
            End If
            If currow = 1 Then
            Else
                .Removeltem (currow)
            End If
        Else
            Exit Function
        End If
    End If
End With
Case Is = 4
    With frmPace.msflexDiagCode
        currow = .Row
        If currow > 0 Then
            cur_index = Trim(.TextMatrix(currow, 0))
            If resp = vbYes Then
                If .Row > 0 Then
                    .RowHeight(currow) = 0
                End If
                If currow = 1 Then
                Else
                    .Removeltem (currow)
                End If
            Else
                Exit Function
            End If
        End If
    End With
End Select
End Function

Function find_the_diag(diag_code As Variant) As Boolean
    find_the_diag = True
    Dim diag_record As IUvDynArray
    icda_file.RecordId = diag_code
    icda_file.LockStrategy = None
    icda_file.Read
    If icda_file.Error <> 0 Then
        MsgBox "UVErrror reading diagnosis record "" & icda_file.RecordId & """, vbCritical, "UVErrror"
        find_the_diag = False
        frmDiagDesc.txtcode.Text = ""
        Exit Function
    End If
    Set diag_record = icda_file.Record
    frmDiagDesc.txtcode.Text = diag_code
    frmDiagDesc.txldesc.Text = diag_record.Field(1)
End Function

'routines for caregiver
Sub init_frmCareGiver_add(Index As Integer)
    'routine to initialize screen for new caregier
    With frmCareGiver
        For i = 0 To 5
            .txtgv.Item(i).Text = ""
        Next i
        .mebGv.Item(0) = blank_zip
        .mebGv.Item(1) = blank_phone
    End With
    'CallNO = CallNO + Index
End Sub

Function delete_caregiver(caregiver_name As Variant)
    'routine to delete the diag code in form
    resp = MsgBox("Are you sure you want to Delete the caregiver, " & caregiver_name & ", from this referral?", vbYesNo + vbDefaultButton2, "Delete?")
    Select Case CallNO
        Case Is = 1
            With frmADHC.msfgAdd
                currow = .Row
                If currow > 0 Then
                    cur_index = Val(.TextMatrix(currow, 9))
                    If resp = vbYes Then
                        If .Row > 0 Then
                            .RowHeight(currow) = 0
                            If .TextMatrix(currow, 8) = "Y" Then
                                temp_formal_supp_record.Value(1, cur_index) = "D"
                            Else
                                house_info_supp_record.Value(1, cur_index) = "D"
                            End If
                        End If
                    End If
                    If currow = 1 Then
                    Else
                        '.Removeltem (currow)
                        ' currow = currow + 1
                    End If
                End If
            End With
    End Select

```

```

        ' house_info_supp_record.Value(1, currow) = "D"
    End If
Else
    Exit Function
End If
End If
End With
End Select
End Function

Function display_caregiver() As Boolean
    Select Case CallNO
        Case Is = 1
            With frmADHC.msfgAdd
                If .Row >= 1 Then
                    Lname = Trim(UCCase(session.Oconv(.TextMatrix(.Row, 0), "G0,1")))
                    Fname = Trim(UCCase(session.Oconv(.TextMatrix(.Row, 0), "G1,1")))
                    Mname = Trim(UCCase(session.Oconv(Fname, "G1 1")))
                    Fname = Trim(UCCase(session.Oconv(Fname, "G0 1")))
                    frmCareGiver.txtgv(0) = Lname
                    frmCareGiver.txtgv(1) = Fname
                    frmCareGiver.txtgv(2) = Mname
                    frmCareGiver.txtgv(3) = .TextMatrix(.Row, 1)
                    frmCareGiver.txtgv(4) = .TextMatrix(.Row, 2)
                    frmCareGiver.txtgv(5) = .TextMatrix(.Row, 3)
                    If .TextMatrix(.Row, 4) = "" Then
                        frmCareGiver.mebGv(0) = blank_zip
                    Elseif .TextMatrix(.Row, 4) Like "####-####" Then
                        frmCareGiver.mebGv(0) = .TextMatrix(.Row, 4)
                    Elseif .TextMatrix(.Row, 4) Like "####" Then
                        frmCareGiver.mebGv(0) = .TextMatrix(.Row, 4) & "-____"
                    Else
                        frmCareGiver.mebGv(0) = blank_zip
                    End If
                    If .TextMatrix(.Row, 5) = "" Then
                        frmCareGiver.mebGv(1) = blank_phone
                    Else
                        frmCareGiver.mebGv(1) = .TextMatrix(.Row, 5)
                    End If
                    frmCareGiver.cmbrelate(0).Text = .TextMatrix(.Row, 6)
                    If .TextMatrix(.Row, 7) Like "##" Then
                        frmCareGiver.txtage(2) = .TextMatrix(.Row, 7)
                    Else
                        frmCareGiver.txtage(2) = " _ "
                    End If
                    Else
                        Exit Function
                    End If
                    If .TextMatrix(.Row, 8) = "Y" Then
                        frmCareGiver.chkFormal.Value = 1
                    Else
                        frmCareGiver.chkFormal.Value = 0
                    End If
                    frmCareGiver.chkFormal.Enabled = False
                End With
            End Select
            frmCareGiver.Caption = "Edit caregiver"
            frmCareGiver.Show vbModal
        End Function

Function save_caregiver() As Boolean
    Select Case frmCareGiver.Caption
        Case Is = "Edit caregiver"
            'use old record id
            With frmCareGiver
                Select Case CallNO
                    Case Is = 1
                        frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 0) = .txtgv(0) & " " & .txtgv(1) & " " & .txtgv(2)
                        frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 1) = .txtgv(3)
                        frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 2) = .txtgv(4)
                        frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 3) = .txtgv(5)
                        frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 4) = .mebGv(0)
                        frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 5) = .mebGv(1)
                        frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 6) = .cmbrelate(0).Text
                        frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 7) = .txtage(2).Text
                        If .chkFormal.Value = 0 Then
                            frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 8) = "N"
                            currow = frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 9)
                            house_info_supp_record.Value(1, currow) = Trim(.txtgv(0) & " " & .txtgv(1) & " " & .txtgv(2))
                            house_info_supp_record.Value(3, currow) = Trim(.txtgv(3).Text)
                            house_info_supp_record.Value(4, currow) = Trim(.txtgv(4).Text)
                            house_info_supp_record.Value(5, currow) = Trim(.txtgv(5).Text)
                            thezip = Trim(.mebGv(0).FormattedText)
                            If thezip = Trim(blank_zip2) Then
                                thezip = ""
                            Elseif Len(thewzip) = 6 Then

```

```

        thezip = Left(thezip, 5)
    End If
    house_info_supp_record.Value(6, currow) = thezip

    thephone = .mebGv(1).FormattedText
    If thephone = blank_phone2 Then
        thephone = ""
    End If
    house_info_supp_record.Value(7, currow) = thephone
    house_info_supp_record.Value(2, currow) = .cmbrelate(0).Text
    house_info_supp_record.Value(8, currow) = Trim(.txtage(2).FormattedText)
    If currow > 1 Then
        house_info_supp_record.Value(9, currow) = "N"
    Else
        house_info_supp_record.Value(9, currow) = "Y"
    End If
Else
    frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 8) = "Y"
    currow = frmADHC.msfgAdd.TextMatrix(frmADHC.msfgAdd.Row, 9)
    temp_formal_supp_record.Value(1, currow) = Trim(.txtgv(0) & ", " & .txtgv(1) & " " & .txtgv(2))
    temp_formal_supp_record.Value(3, currow) = Trim(.txtgv(3).Text)
    temp_formal_supp_record.Value(4, currow) = Trim(.txtgv(4).Text)
    temp_formal_supp_record.Value(5, currow) = Trim(.txtgv(5).Text)
    thezip = Trim(.mebGv(0).FormattedText)
    If thezip = Trim(blank_zip2) Then
        thezip = ""
    ElseIf Len(thezip) = 6 Then
        thezip = Left(thezip, 5)
    End If
    temp_formal_supp_record.Value(6, currow) = thezip

    thephone = .mebGv(1).FormattedText
    If thephone = blank_phone2 Then
        thephone = ""
    End If
    temp_formal_supp_record.Value(7, currow) = thephone
    temp_formal_supp_record.Value(2, currow) = .cmbrelate(0).Text
    temp_formal_supp_record.Value(8, currow) = Trim(.txtage(2).FormattedText)
End If
End Select
End With
Case Is = "Add caregiver"
    assign a new record id
    With frmCareGiver
        If .txtgv(0) = "" And .txtgv(2) = "" Then
            MsgBox "The last or first name cannot be empty.", vbCritical, "UVError"
            .txtgv(0).SetFocus
            Exit Function
        End If
    End With
    Select Case CallNO
        Case Is = 1
            If .chkFormal.Value = 0 Then
                currow = house_info_supp_record.Field(1).count + 1
                frmADHC.msfgAdd.AddItem .txtgv(0) & ", " & _
                    .txtgv(1) & " " & _
                    .txtgv(2) & Chr(9) & _
                    .txtgv(3) & Chr(9) & _
                    .txtgv(4) & Chr(9) & _
                    .txtgv(5) & Chr(9) & _
                    .mebGv(0) & Chr(9) & _
                    .mebGv(1) & Chr(9) & _
                    .cmbrelate(0).Text & Chr(9) & _
                    .txtage(2).Text & Chr(9) & _
                    "N" & Chr(9) & currow
                house_info_supp_record.Value(1, currow) = Trim(.txtgv(0) & ", " & .txtgv(1) & " " & .txtgv(2))
                house_info_supp_record.Value(3, currow) = Trim(.txtgv(3).Text)
                house_info_supp_record.Value(4, currow) = Trim(.txtgv(4).Text)
                house_info_supp_record.Value(5, currow) = Trim(.txtgv(5).Text)
                thezip = Trim(.mebGv(0).FormattedText)
                If thezip = Trim(blank_zip2) Then
                    thezip = ""
                ElseIf Len(thezip) = 6 Then
                    thezip = Left(thezip, 5)
                End If
                house_info_supp_record.Value(6, currow) = thezip

                thephone = .mebGv(1).FormattedText
                If thephone = blank_phone2 Then
                    thephone = ""
                End If
                house_info_supp_record.Value(7, currow) = thephone
                house_info_supp_record.Value(2, currow) = .cmbrelate(0).Text
                house_info_supp_record.Value(8, currow) = Trim(.txtage(2).FormattedText)
                If currow > 1 Then
                    house_info_supp_record.Value(9, currow) = "N"
                Else
                    house_info_supp_record.Value(9, currow) = "Y"
                End If
            End If
        End Case
    End Select
End With

```



```

        house_info_supp_record.Value(9, currow) = "Y"
    End If
Else
    currow = temp_formal_supp_record.Field(1).count + 1
    frmADHC.msfgAdd.AddItem .txtgv(0) & ", " & _
        .txtgv(1) & " " & _
        .txtgv(2) & Chr(9) & _
        .txtgv(3) & Chr(9) & _
        .txtgv(4) & Chr(9) & _
        .txtgv(5) & Chr(9) & _
        .mebGv(0) & Chr(9) & _
        .mebGv(1) & Chr(9) & _
        .cmbrelate(0).Text & Chr(9) & _
        .lxtage(2).Text & Chr(9) & _
        "Y" & Chr(9) & currow
    temp_formal_supp_record.Value(1, currow) = Trim(.txtgv(0) & ", " & .txtgv(1) & " " & .txtgv(2))
    temp_formal_supp_record.Value(3, currow) = Trim(.txtgv(3).Text)
    temp_formal_supp_record.Value(4, currow) = Trim(.txtgv(4).Text)
    temp_formal_supp_record.Value(5, currow) = Trim(.txtgv(5).Text)
    thezip = Trim(.mebGv(0).FormattedText)
    If thezip = Trim(blank_zip2) Then
        thezip = ""
    ElseIf Len(thezip) = 6 Then
        thezip = Left(thezip, 5)
    End If
    temp_formal_supp_record.Value(6, currow) = thezip

    thephone = .mebGv(1).FormattedText
    If thephone = blank_phone2 Then
        thephone = ""
    End If
    temp_formal_supp_record.Value(7, currow) = thephone
    temp_formal_supp_record.Value(2, currow) = .cmbrelate(0).Text
    temp_formal_supp_record.Value(8, currow) = Trim(.lxtage(2).FormattedText)
End If
End Select
End With
End Select
Unload frmCareGiver
End Function

'routines for support system
Function display_support() As Boolean
    Select Case CallNO
        Case Is = 2
            Select Case frmInfmalSys.Caption
                Case "Informal Support and Effectiveness"
                    With frmCMP.MSFlexGrid1(0)
                        If .Row >= 1 Then
                            frmInfmalSys.txtInfmalSys(0).Text = .TextMatrix(.Row, 0)
                            frmInfmalSys.cmbrelation.Text = .TextMatrix(.Row, 1)
                            frmInfmalSys.txtInfmalSys(2).Text = .TextMatrix(.Row, 2)
                        Else
                            Exit Function
                        End If
                    End With
                Case "Formal Support and Effectiveness"
                    With frmCMP.MSFlexGrid1(1)
                        If .Row >= 1 Then
                            frmInfmalSys.txtInfmalSys(0).Text = .TextMatrix(.Row, 0)
                            frmInfmalSys.cmbrelation.Text = .TextMatrix(.Row, 1)
                            frmInfmalSys.txtInfmalSys(2).Text = .TextMatrix(.Row, 2)
                        Else
                            Exit Function
                        End If
                    End With
            End Select
        Case Is = 3
            Select Case frmInfmalSys.Caption
                Case "Informal Support and Effectiveness"
                    With frmMssp.msfginfo
                        'frmInfmalSys.Caption = "Formal Support and Effectiveness"
                        If .Row >= 1 Then
                            frmInfmalSys.txtInfmalSys(0).Text = .TextMatrix(.Row, 0)
                            frmInfmalSys.cmbrelation.Text = .TextMatrix(.Row, 1)
                            frmInfmalSys.txtInfmalSys(2).Text = .TextMatrix(.Row, 2)
                        Else
                            Exit Function
                        End If
                    End With
                Case "Formal Support and Effectiveness"
                    With frmMssp.msfgformal
                        'frmInfmalSys.Caption = "Formal Support and Effectiveness"
                        If .Row >= 1 Then
                            frmInfmalSys.txtInfmalSys(0).Text = .TextMatrix(.Row, 0)
                            frmInfmalSys.cmbrelation.Text = .TextMatrix(.Row, 1)
                        End If
                    End With
            End Select
    End Function

```

```

        frmInfmalSys.txtInfmalSys(2).Text = .TextMatrix(.Row, 2)
    Else
        Exit Function
    End If
    End With
End Select

End Select
frmInfmalSys.Caption = "Edit " & frmInfmalSys.Caption
frmInfmalSys.Show vbModal
End Function

Function save_support() As Boolean

    sup_caption = session.Oconv(frmInfmalSys.Caption, "G0 1")
    If sup_caption = "Edit" Then
        Select Case CallNO
            Case Is = 2
                Select Case frmInfmalSys.Caption
                    Case "Edit Informal Support and Effectiveness"
                        With frmCMP.MSFlexGrid1(0)
                            If .Row >= 1 Then
                                .TextMatrix(.Row, 0) = frmInfmalSys.txtInfmalSys(0).Text
                                .TextMatrix(.Row, 1) = frmInfmalSys.cmbrelation.Text
                                .TextMatrix(.Row, 2) = frmInfmalSys.txtInfmalSys(2).Text
                            Else
                                Exit Function
                            End If
                        End With
                    Case "Edit Formal Support and Effectiveness"
                        With frmCMP.MSFlexGrid1(1)
                            If .Row >= 1 Then
                                .TextMatrix(.Row, 0) = frmInfmalSys.txtInfmalSys(0).Text
                                .TextMatrix(.Row, 1) = frmInfmalSys.cmbrelation.Text
                                .TextMatrix(.Row, 2) = frmInfmalSys.txtInfmalSys(2).Text
                            Else
                                Exit Function
                            End If
                        End With
                    End Select
                Case Is = 3
                    Select Case frmInfmalSys.Caption
                        Case "Edit Informal Support and Effectiveness"
                            With frmMssp.msfginfo
                                If .Row >= 1 Then
                                    .TextMatrix(.Row, 0) = frmInfmalSys.txtInfmalSys(0).Text
                                    .TextMatrix(.Row, 1) = frmInfmalSys.cmbrelation.Text
                                    .TextMatrix(.Row, 2) = frmInfmalSys.txtInfmalSys(2).Text
                                Else
                                    Exit Function
                                End If
                            End With
                        Case "Edit Formal Support and Effectiveness"
                            With frmMssp.msfgformal
                                If .Row >= 1 Then
                                    .TextMatrix(.Row, 0) = frmInfmalSys.txtInfmalSys(0).Text
                                    .TextMatrix(.Row, 1) = frmInfmalSys.cmbrelation.Text
                                    .TextMatrix(.Row, 2) = frmInfmalSys.txtInfmalSys(2).Text
                                Else
                                    Exit Function
                                End If
                            End With
                        End Select
                    End Select
                Else
                    With frmInfmalSys
                        If CallNO = 2 Then
                            Select Case .Caption
                                Case "Informal Support and Effectiveness"
                                    frmCMP.MSFlexGrid1(0).AddItem .txtInfmalSys(0) & Chr(9) & _
                                        .cmbrelation & Chr(9) & _
                                        .txtInfmalSys(2)
                                Case "Formal Support and Effectiveness"
                                    frmCMP.MSFlexGrid1(1).AddItem .txtInfmalSys(0) & Chr(9) & _
                                        .cmbrelation & Chr(9) & _
                                        .txtInfmalSys(2)
                            End Select
                        End If
                    End With
                    If CallNO = 3 Then
                        Select Case .Caption
                            Case "Informal Support and Effectiveness"
                                frmMssp.msfginfo.AddItem .txtInfmalSys(0) & Chr(9) & _
                                    .cmbrelation & Chr(9) & _
                                    .txtInfmalSys(2)
                        End Select
                    End If
                End Select
            End Select
        End Select
    End If
End Function

```

```

        Case "Formal Support and Effectiveness"
            frmMssp.msfgformal.AddItem .txtInfmSys(0) & Chr(9) & _
                .cmbrelation & Chr(9) & _
                .txtInfmSys(2)
        End Select
    End If
End With
End If
Unload frmInfmalSys
End Function

Function delete_support(name As Variant, Index As Integer)
    'routine to delete the diag code in form
    resp = MsgBox("Are you sure you want to Delete the support, " & name & ", from this referral?", vbYesNo + vbDefaultButton2, "Delete?")
    Select Case CallNO
        Case Is = 2
            With frmCMP.MSFlexGrid1(Index)
                currow = .Row
                If currow > 0 Then
                    cur_index = Trim(.TextMatrix(currow, 0))
                    If resp = vbYes Then
                        If .Row > 0 Then
                            .RowHeight(currow) = 0
                            .TextMatrix(currow, 0) = "D"
                        End If
                        If currow = 1 Then
                            Else
                                '.TextMatrix(1, currow) = "D"
                                '.RowHeight(currow) = 0
                            End If
                        Else
                            Exit Function
                        End If
                    End With
                Case Is = 3
                    Select Case Index
                        Case Is = 0
                            With frmMssp.msfginfo
                                currow = .Row
                                If currow > 0 Then
                                    cur_index = Trim(.TextMatrix(currow, 0))
                                    If resp = vbYes Then
                                        If .Row > 0 Then
                                            .RowHeight(currow) = 0
                                            .TextMatrix(currow, 0) = "D"
                                        End If
                                        If currow = 1 Then
                                            Else
                                                '.TextMatrix(1, currow) = "D"
                                                '.RowHeight(currow) = 0
                                            End If
                                        Else
                                            Exit Function
                                        End If
                                    End With
                                Case Is = 1
                                    With frmMssp.msfgformal
                                        currow = .Row
                                        If currow > 0 Then
                                            cur_index = Trim(.TextMatrix(currow, 0))
                                            If resp = vbYes Then
                                                If .Row > 0 Then
                                                    .RowHeight(currow) = 0
                                                    .TextMatrix(currow, 0) = "D"
                                                End If
                                                If currow = 1 Then
                                                    Else
                                                        '.TextMatrix(1, currow) = "D"
                                                        '.RowHeight(currow) = 0
                                                    End If
                                                Else
                                                    Exit Function
                                                End If
                                            End With
                                        End Select
                                    End Select
                                End Function
                            End Function
                    End Function
                End Function
            End Function
        End Function
    End Function

```

```

'roustins for form ADHC
Function check_adhc() As Boolean
    'routine to check for valid data in ICMP

```

```

If assess_newflag = False Then
    Set new_adhc_record = New CUVDynArray
Else
    Set new_adhc_record = adhcsw_file.Record
End If
'set check_save_data = False, set to true if makes it through
'all checks
check_adhc = False
With frmADHC
    'assessment date
    thedate = session.Iconv(Trim(.txtADHC_date.Text), "D4/")
    If thedate = "" Then
        MsgBox "Assessment date is a required field!", vbCritical, "Required Field!"
        .sstADCH.Tab = 0
        .txtADHC_date.SetFocus
        Exit Function
    End If
    new_adhc_record.Field(100) = thedate
    'chart number
    If IsNumeric(Trim(.txtchart.Text)) Then
        If Val(Trim(.txtchart.Text)) > 99999 Then
            MsgBox "Chart Number is a five-digits numeric field!", vbCritical, "Five-Digits numeric Field!"
            .sstADCH.Tab = 0
            .txtchart.SetFocus
            Exit Function
        End If
    Else
        MsgBox "Chart Number is a numeric required field!", vbCritical, "Required Field!"
        .sstADCH.Tab = 0
        .txtchart.SetFocus
        Exit Function
    End If
    If .cmbcharloc.Text = "" Then
        MsgBox "Chart Location is a required field!", vbCritical, "Required Field!"
        .sstADCH.Tab = 0
        .cmbcharloc.SetFocus
        Exit Function
    End If
    'IHSS's hours
    If IsNumeric(.mebLArng.Text) Then
        temp_living_record.Field(3) = Trim(.mebLArng.Text)
    Else
        MsgBox "IHSS paid hours is a numeric field!", vbCritical, "Required Field!"
        .mebLArng.SetFocus
        Exit Function
    End If
    new_adhc_record.Field(101) = Trim(.txtchart.Text)
    new_adhc_record.Field(102) = Trim(session.Oconv(.cmbcharloc.Text, "G0=1"))
    'case manager
    new_adhc_record.Field(1) = .Combo1.Text
    new_adhc_record.Field(2).TextValue = .txtCaseName.Text
    new_adhc_record.Field(3).TextValue = .txtOther.Text
    'diagnosis code
    'item_cnt = .msflexDiagCode.Rows - 1
    'For i = 1 To item_cnt
    '    new_adhc_record.Value(5, i) = Trim(.msflexDiagCode.TextMatrix(i, 0))
    'Next i
    'presentiin psychosocial problem(s)
    new_adhc_record.Field(6) = .txtPsychProb.Text
    'family adn social history
    new_adhc_record.Field(7) = .txtFamiSocl.Text
    'IHSS information
    new_adhc_record.Field(18) = .txtIHSSName.Text
    thephone = .mebIHSSPhone.FormattedText
    If thephone = blank_phone2 Then
        thephone = ""
    End If
    new_adhc_record.Field(19) = thephone
    'describe neighborhood
    new_adhc_record.Field(9) = .cmbNeigHood.Text
    'what is client's psychocilla reonse to living arrangement
    new_adhc_record.Field(10) = .txtResp.Text
    'how do living arrangements and immediated environmnet affect
    new_adhc_record.Field(11).TextValue = .txtAffe.Text
    'does client have any pets, is pet well cared
    If .chkLArng(5).Value = 1 Then
        new_adhc_record.Field(12) = "Y"
    Else
        new_adhc_record.Field(12) = "N"
    End If
    If .chkLArng(6).Value = 1 Then
        new_adhc_record.Field(13) = "Y"
    Else
        new_adhc_record.Field(13) = "N"
    End If
    'pet is not well-cared explain

```

```

new_adhc_record.Field(14) = .txtLArang.Text
'significant health changes or recent hospitalization
new_adhc_record.Field(17).Text(Value = .txtadhcxp(0).Text
'mental status alertness

new_adhc_record.Field(20) = .cboS_W_Alertness.Text
'0-2 age; 3-6 dress; 7-12 hygiene
For i = 0 To 2
  If .chkAge(i).Value = 1 Then
    new_adhc_record.Value(21, i + 1) = .chkAge(i).Caption
  End If
Next i
For i = 3 To 6
  If .chkAge(i).Value = 1 Then
    new_adhc_record.Value(22, i + 1) = .chkAge(i).Caption
  End If
Next i
For i = 7 To 12
  If .chkAge(i).Value = 1 Then
    new_adhc_record.Value(23, i + 1) = .chkAge(i).Caption
  End If
Next i
new_adhc_record.Field(24) = .txtPAComm.Text
'physical activity
For i = 0 To 6
  If .chkS_W_Physical_Activity(i).Value = 1 Then
    new_adhc_record.Value(26, i + 1) = .chkS_W_Physical_Activity(i).Caption
  End If
Next i
new_adhc_record.Value(26, -1) = .txtPhysActi.Text
new_adhc_record.Field(27) = .txtPAExplain.Text
'0-1 attitude
For i = 0 To 11
  If .chkS_W_Behavior(i).Value = 1 Then
    new_adhc_record.Value(28, i + 1) = .chkS_W_Behavior(i).Caption
  End If
Next i
'other for attitude
new_adhc_record.Value(28, -1) = .txtBehaAtti.Text
'affect
For i = 0 To 6
  If .chkS_W_Affect(i).Value = 1 Then
    new_adhc_record.Value(29, i + 1) = .chkS_W_Affect(i).Caption
  End If
Next i
'mood
For i = 0 To 6
  If .chkS_W_Mood(i).Value = 1 Then
    new_adhc_record.Value(30, i + 1) = .chkS_W_Mood(i).Caption
  End If
Next i
new_adhc_record.Value(30, 8) = .txtMood.Text
'reality testing
'hallucinations
If .chkHall(0).Value = 1 Then
  new_adhc_record.Field(34) = "Y"
Else
  new_adhc_record.Field(34) = "N"
End If
'delusions
If .chkDelu(0).Value = 1 Then
  new_adhc_record.Field(35) = "Y"
Else
  new_adhc_record.Field(35) = "N"
End If
'other
new_adhc_record.Field(36) = .txtDelu.Text
'explanation
new_adhc_record.Field(37) = .txtRTExplain.Text
'orientation
For i = 1 To 4
  Select Case .cboS_W_Orientation(i).ListIndex
    Case 0
      new_adhc_record.Field(39 + i) = "F"
    Case 1
      new_adhc_record.Field(39 + i) = "P"
    Case 2
      new_adhc_record.Field(39 + i) = "D"
  End Select
Next i
'client is willing/unwilling to cooperate with MSQ
'.....able/unable.....
If .optWilling(0).Value = True Then
  new_adhc_record.Field(44) = .optWilling(0).Caption
End If

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If .optWilling(1).Value = True Then
    new_adhc_record.Field(44) = .optWilling(1).Caption
End If
If .optAble(0).Value = True Then
    new_adhc_record.Field(45) = .optAble(0).Caption
End If
If .optAble(1).Value = True Then
    new_adhc_record.Field(45) = .optAble(1).Caption
End If
'does participant currently have means to harmself or others
If .Check2(4).Value = 1 Then
    new_adhc_record.Field(88) = "Y"
Else
    new_adhc_record.Field(88) = "N"
End If
'explanation of means to harmslf or others
new_adhc_record.Field(89) = .txtHarmSelf.Text
'0 recent; 1 past; 2 remote memory
'3 ability to concentrate; 4 attention span
'5 insight; 6 judgement; 7 intelligence
For i = 0 To 7
    new_adhc_record.Field(80 + i) = .cmbCogn(i).Text
Next i
'toxic materials improperly stored
If .chkSHHaza(0).Value = 1 Then
    new_adhc_record.Field(90) = "Y"
Else
    new_adhc_record.Field(90) = "N"
End If
'tools, knives, improperly stored
If .chkSHHaza(1).Value = 1 Then
    new_adhc_record.Field(91) = "Y"
Else
    new_adhc_record.Field(91) = "N"
End If
new_adhc_record.Field(92) = .txtSComm.Text
'legal representative
'type
temp_living_record.Field(30) = .cmbPrsnList(.cmbPrsnList.Index)
For i = 0 To 3
    'o name; 1 address; 2 city; 3 state
    temp_living_record.Field(31 + i) = .txtLPrsn(i).Text
Next i

thezip = Trim(.mebLprsn(0).FormattedText)
If thezip = Trim(blank_zip2) Then
    thezip = ""
Elseif Len(thezip) = 6 Then
    thezip = Left(thezip, 5)
End If
temp_living_record.Field(35) = thezip

thephone = .mebLprsn(1).FormattedText
If thephone = blank_phone2 Then
    thephone = ""
End If
temp_living_record.Field(36) = thephone
'relationship
temp_living_record.Field(37) = .cmbLegalrelate.Text
'0 live alone; 1 spouse; 2 child; 3 other
'4 paid by IHSS; 7 emergency reponse;
'8 smoke alarm
If .chkLArng(0).Value = 1 Then
    temp_living_record.Field(6) = "Y"
    temp_living_record.Field(1) = ""
Else
    temp_living_record.Field(6) = "N"
    If .chkLArng(1).Value = 1 Then
        temp_living_record.Field(1) = "SPOUSE"
    Else
        If .chkLArng(2).Value = 1 Then
            temp_living_record.Field(1) = "CHILD"
        Else
            If .chkLArng(3).Value = 1 Then
                temp_living_record.Field(1) = "OTHER"
            End If
        End If
    End If
End If
If .chkLArng(4).Value = 1 Then
    temp_living_record.Field(2) = "Y"
Else
    temp_living_record.Field(2) = "N"
End If
'emergency response system operable
'smoke alarm

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If .chkLArng(7).Value = 1 Then
temp_equipment_record.Value(1, 6) = "HAS"
If .chkLArng(9).Value = 1 Then
new_adhc_record.Field(95) = "operable"
Else
new_adhc_record.Field(95) = "Not operable"
End If
Else
temp_equipment_record.Value(1, 6) = ""
'operable
new_adhc_record.Field(95) = ""
End If
If .chkLArng(8).Value = 1 Then
temp_equipment_record.Value(1, 5) = "HAS"
If .chkLArng(10).Value = 1 Then
new_adhc_record.Field(96) = "operable"
Else
new_adhc_record.Field(96) = "Not operable"
End If
Else
temp_equipment_record.Value(1, 5) = ""
new_adhc_record.Field(96) = ""
End If
'residence
new_adhc_record.Field(15) = .cmbRedn.Text
'anyproblems realted to client's residence
new_adhc_record.Field(16) = .txtredn.Text
'subsized
If .chkSub.Value = 1 Then
temp_living_record.Field(10) = "Y"
Else
temp_living_record.Field(10) = "N"
End If
'subsized
If IsNumeric(.txtsubsidized.Text) Then
If session.Iconv(.txtsubsidized.Text, "MD2") <> "" Then
temp_living_record.Field(4) = session.Iconv(.txtsubsidized.Text, "MD2")
Else
temp_living_record.Field(4) = ""
End If
Else
If .txtsubsidized.Text <> "" Then
MsgBox "Subsized dollare is a numeric field!", vbCritical, "Required Field!"
.txtsubsidized.SetFocus
Exit Function
End If
End If
'live with relationship
'rent
If IsNumeric(.txtMOrRent.Text) Then
If session.Iconv(.txtMOrRent.Text, "MD2") <> "" Then
temp_living_record.Field(5) = session.Iconv(.txtMOrRent.Text, "MD2")
Else
temp_living_record.Field(5) = ""
End If
Else
If .txtMOrRent.Text <> "" Then
MsgBox "Mortgage/Rent is a numeric field!", vbCritical, "Required Field!"
.mebLArng.SetFocus
Exit Function
End If
End If
'0-4 access to local transportation
'medical care, banking, shopping, church, other
For i = 0 To 4
If .chkALT(i).Value = 1 Then
temp_living_record.Value(40, i + 1) = Trim(.chkALT(i).Caption)
Else
temp_living_record.Value(40, i + 1) = ""
End If
Next i
'comments
temp_living_record.Field(41).TextValue = .txtALT.Text
'does client use(cane, walker, wheelchair)
cbo_cnt = .Combo2.ListCount - 1
If .Combo2.Text <> "" Then
temp_living_record.Field(44) = .Combo2.Text
End If
'0 independently negotiate entrance to building
If .chkMob(0).Value = 1 Then
temp_living_record.Field(42) = "Y"
Else
temp_living_record.Field(42) = "N"
End If
'1 does client must climb stairs ro enter or leave building
If .chkMob(1).Value = 1 Then

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temp_living_record.Field(43) = "Y"
Else
temp_living_record.Field(43) = "N"
End If
'is ramp provided
If .chkMobl(2).Value = 1 Then
temp_living_record.Field(45) = "Y"
Else
temp_living_record.Field(45) = "N"
End If
'is using wheelchair can client transfer to other seating
If .chkMobl(3).Value = 1 Then
temp_living_record.Field(46) = "Y"
Else
temp_living_record.Field(46) = "N"
End If
'determin transfer by
'4 center rep. observed; 5 client demonstrated
'6 stand by assistance
For i = 4 To 6
If .chkMobl(i).Value = 1 Then
temp_living_record.Field(47) = .chkMobl(i).Caption
Exit For
End If
Next i
'7 is able to transfer can client board van via steps
If .chkMobl(7).Value = 1 Then
temp_living_record.Field(48) = "Y"
Else
temp_living_record.Field(48) = "N"
End If
'formal live in
If .chkLive_In.Value = 1 Then
temp_living_record.Field(49) = "Y"
Else
temp_living_record.Field(49) = "N"
End If
'foods stamps
If .chkFood.Value = 1 Then
temp_living_record.Field(50) = "Y"
Else
temp_living_record.Field(50) = "N"
End If
'transportation
If .txtTrans.Text <> "" Then
temp_living_record.Field(51) = .txtTrans.Text
Else
temp_living_record.Field(51) = ""
End If
'home health
If .chkHomeHealth.Value = 1 Then
temp_living_record.Field(52) = "Y"
Else
temp_living_record.Field(52) = "N"
End If
'delivered meal
If .chkMeal.Value = 1 Then
temp_living_record.Field(53) = "Y"
Else
temp_living_record.Field(53) = "N"
End If
'provider's name
temp_formal_supp_record.Value(1, 1) = .txtPName.Text
'provider's phone
thephone = .mebPPhone.FormattedText
If thephone = blank_phone2 Then
thephone = ""
End If
temp_formal_supp_record.Value(7, 1) = thephone
temp_living_record.Field(23) = Trim(.mebHPCare(2).FormattedText)
If .P_CareGiver(1).Value = 1 Then
temp_living_record.Field(24) = "Y"
Else
temp_living_record.Field(24) = "N"
End If
If .cmbHPCare(0).Text <> "" Then
temp_living_record.Field(25) = .cmbHPCare(0).Text
End If
'house-hold infomal support system
'house_info_supp_record.Value(1, 1) = Trim(.txtHPCare(0).Text)
'house_info_supp_record.Value(3, 1) = Trim(.txtHPCare(1).Text)
'house_info_supp_record.Value(4, 1) = Trim(.txtHPCare(2).Text)
'house_info_supp_record.Value(5, 1) = Trim(.txtHPCare(3).Text)
'thezip = Trim(.mebHPCare(0).FormattedText)
'If thezip = Trim(blank_zip2) Then
thezip = ""

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'Elseif Len(thezip) = 6 Then
' thezip = Left(thezip, 5)
'End If
'house_info_supp_record.Value(6, 1) = thezip
'thephone = .mebHPCare(1).FormattedText
'If thephone = blank_phone2 Then
' thephone = ""
'End If
'house_info_supp_record.Value(7, 1) = thephone
'house_info_supp_record.Value(2, 1) = .cmbHPCare(0).Text
'house_info_supp_record.Value(8, 1) = Trim(.mebHPCare(2).FormattedText)
'house_info_supp_record.Value(9, 1) = "Y"
.mnuUpdate.Enabled = False
.mnuAction.Enabled = False
.mnuNewassessment.Enabled = True
.mnuRept.Enabled = False
.cmbAssess_id.Enabled = True
End With
check_adhc = True 'if get to this point, then all data okay
End Function

Function save_adhc_record(clear_display As Boolean) As Boolean
Dim old_adhc_record As IUvDynArray 'used to save a copy of the current
'referral record before changes
Dim old_adliadl_record As IUvDynArray
Set old_adhc_record = adhcsww_file.Record
save_adhc_record = False
If Not session.IsActive Then
frmADHC.Visible = False
Call reconnect
frmADHC.Visible = True
End If
If check_adhc Then
adhc_id = adhcsww_file.RecordId
Set atranaction = session.Transaction
atranaction.Start
Set adhcsww_file.Record = new_adhc_record
On Error Resume Next
adhcsww_file.Write
If Err.Number <> 0 Then
MsgBox "VBEror writing to ADHCSSW record " & adhc_id & ". ", vbCritical, "ERROR"
atranaction.Rollback
Set adhcsww_file.Record = old_adhc_record
adhcsww_file.UnlockFile
adliadl_file.UnlockFile
Exit Function
End If
On Error GoTo 0
If adhcsww_file.Error <> 0 Then
MsgBox "VBEror writing to ADHCSSW record " & adhc_id & ". ", vbCritical, "ERROR"
atranaction.Rollback
Set adhcsww_file.Record = old_adhc_record
adhcsww_file.UnlockFile
adliadl_file.UnlockFile
Exit Function
End If
Set adliadl_file.Record = temp_adliadl_record
On Error Resume Next
adliadl_file.Write
If Err.Number <> 0 Then
MsgBox "VBEror writing to ADLIADL record " & adhc_id & ". ", vbCritical, "ERROR"
atranaction.Rollback
Set adliadl_file.Record = old_adliadl_record
adhcsww_file.UnlockFile
adliadl_file.UnlockFile
Exit Function
End If
On Error GoTo 0
If adliadl_file.Error <> 0 Then
MsgBox "VBEror writing to ADLIADL record " & adhc_id & ". ", vbCritical, "ERROR"
atranaction.Rollback
Set adliadl_file.Record = old_adliadl_record
adhcsww_file.UnlockFile
adliadl_file.UnlockFile
Exit Function
End If
'write the information back to referral
If assess_newflag = True Then
new_assessment.Value(1, -1) = Trim(frmADHC.cmbAssess_id.Text)
End If
On Error Resume Next
referral_file.WriteField 67, new_assessment.Field(1)
If Err.Number <> 0 Then
MsgBox "VBEror updating status of REFERRAL record " & referral_file.RecordId & "<148>. Cannot enroll candidate!", vbCritical, "ERROR"
atranaction.Rollback
Set adliadl_file.Record = old_adliadl_record

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        adhcsw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    On Error GoTo 0
    If referral_file.Error <> 0 Then
        MsgBox "UVError updating status of REFERRAL record " & referral_file.RecordId & "<148>. Cannot enroll candidate!", vbCritical, "ERROR"
        atransaction.Rollback
        Set adliadl_file.Record = old_adliadl_record
        adhcsw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    On Error Resume Next
    atransaction.Commit
    If Err.Number <> 0 Then
        MsgBox "VBError writing to ADHCSSW record " & adhc_id & ". ", vbCritical, "ERROR"
        atransaction.Rollback
        Set adhcsw_file.Record = old_adhc_record
        adhcsw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    On Error GoTo 0
    If atransaction.Error <> 0 Then
        MsgBox "VBError writing to ADHCSSW record " & adhc_id & ". ", vbCritical, "ERROR"
        atransaction.Rollback
        Set adhcsw_file.Record = old_adhc_record
        adhcsw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    If clear_display Then
        Call cancel_adhc
    End If
Else
    Exit Function
End If
Call cancel_adhc
Call update_referral_shared_info
MsgBox "Please save the referral record " & referral_file.RecordId & ". ", vbInformation, "Updated"
assess_newflag = False
save_adhc_record = True
'routine to save record
End Function
Function display_adhc_record(adhc_id As Variant) As Boolean
'returns false if cannot display adhc record,
Dim adhc_record As IUvDynArray
Dim found As Boolean
Dim referral_record As IUvDynArray
Dim adhcrcn_record As IUvDynArray
Set referral_record = referral_file.Record
display_adhc_record = True
adhcsw_file.RecordId = referral_file.RecordId & "" & adhc_id
adhc_id = adhcsw_file.RecordId
adhcsw_file.LockStrategy = EXCLUSIVE_UPDATE
adhcsw_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next
adhcsw_file.Read
If Err.Number <> 0 Then
    MsgBox "VBError reading ADHCSSW record " & adhc_id & ". Unable to display!", vbCritical, "VBERROR"
    display_adhc_record = False
    Exit Function
End If
On Error GoTo 0
If adhcsw_file.Error <> 0 Then
    MsgBox "UVError reading ADHCSSW record " & adhc_id & ". Unable to display!", vbCritical, "UVERROR"
    display_adhc_record = False
    Exit Function
End If
Set adhc_record = adhcsw_file.Record
Dim adliadl_id As Variant
adliadl_id = adhc_id & "ADHC"
adliadl_file.RecordId = adliadl_id
adliadl_file.LockStrategy = EXCLUSIVE_UPDATE
adliadl_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next
adliadl_file.Read
Dim adliadl_flag As Boolean
adliadl_flag = True
If Err.Number <> 0 Then
    Set temp_adliadl_record = New CUvDynArray
    adliadl_flag = False
End If
On Error GoTo 0
If adliadl_file.Error <> 0 Then

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    Set temp_adliadl_record = New CUVDynArray
    adliadl_flag = False
End If
If adliadl_flag Then
    Set temp_adliadl_record = adliadl_file.Record
End If
Dim adhcrcn_flag As Boolean
adhcrcn_flag = True
adhcrcn_file.RecordId = adhcrcn_file.RecordId
adhcrcn_file.Read
If Err.Number <> 0 Then
    MsgBox "VBEError reading Diagnosis record from Nurse Assesement. Display the lastest diagnosis record instead!", vbCritical, "VBERROR"
    adhcrcn_flag = False
End If
On Error GoTo 0
If adhcrcn_file.Error <> 0 Then
    MsgBox "VBEError reading Diagnosis record from the current Nurse Assesement. Display the lastest diagnosis record instead!", vbCritical,
"VBERROR"
    adhcrcn_flag = False
End If
If adhcrcn_flag Then
    Set adhcrcn_record = adhcrcn_file.Record
Else
    Set adhcrcn_record = New CUVDynArray
End If
With frmADHC
    'chart number
    .txtchart.Text = adhc_record.Field(101)
    For i = 0 To .cmbcharloc.ListCount - 1
        If Trim(session.Oconv(.cmbcharloc.List(i), "G0=1")) = adhc_record.Field(102) Then
            .cmbcharloc.Text = .cmbcharloc.List(i)
            .cmbcharloc.ListIndex = i
            Exit For
        End If
    Next i
    'case manager
    item_cnt = .Combo1.ListCount - 1
    For i = 0 To item_cnt
        If .Combo1.List(i) = adhc_record.Field(1) Then
            .Combo1.ListIndex = i
            Exit For
        End If
    Next i
    .Combo1.Text = adhc_record.Field(1)
    .txtCaseName.Text = adhc_record.Field(2).TextValue
    .txtOlher.Text = adhc_record.Field(3).TextValue
    If .cmbAssess_id.ListIndex = 0 Then
        .labelTitle.ForeColor = vbRed
        .labelTitle.Caption = "Initial"
    Else
        .labelTitle.ForeColor = vbBlue
        .labelTitle.Caption = "Reassessment"
    End If
    'diagnosis code
    item_cnt = adhcrcn_record.Field(4).count
    For i = 1 To item_cnt
        display_diag_record (adhcrcn_record.Value(4, i))
    Next i
    'presentiin psychosocial problem(s)
    .txtPsycProb.Text = adhc_record.Field(6).TextValue
    'family adn social history
    .txtFamiSocl.Text = adhc_record.Field(7).TextValue
    'IHSS information
    .txtIHSSName.Text = adhc_record.Field(18)
    thephone = adhc_record.Field(19)
    If Trim(thephone) = "" Then
        thephone = blank_phone
    End If
    If thephone Like "#####-####" Then
        thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
    End If
    .meblHSSPhone.Text = thephone
    'describe neighborhood
    item_cnt = .cmbNeigHood.ListCount - 1
    For i = 0 To item_cnt
        If .cmbNeigHood.List(i) = adhc_record.Field(9) Then
            .cmbNeigHood.ListIndex = i
            Exit For
        End If
    Next i
    'what is client's psychocila reponse to living arrangement
    .txtResp.Text = adhc_record.Field(10).TextValue
    'how do living arrangements and immediated environmnet affect
    .txtAffe.Text = adhc_record.Field(11).TextValue
    'does client have any pels, is pet well cared
    If adhc_record.Field(12) = "Y" Then

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.chkLArng(5).Value = 1
Else
.chkLArng(5).Value = 0
End If
If adhc_record.Field(13) = "Y" Then
.chkLArng(6).Value = 1
Else
.chkLArng(6).Value = 0
End If
'pet is not well-cared explain
.txtLArang.Text = adhc_record.Field(14).TextValue
'significant health changes or recent hospitalization
.txtadhcxp(0).Text = adhc_record.Field(17).TextValue
'mental status alertness
'mental status alertness
cbo_cnt = .cboS_W_Alertness.ListCount - 1
For i = 0 To cbo_cnt
If adhc_record.Field(20) = .cboS_W_Alertness.List(i) Then
.cboS_W_Alertness.ListIndex = i
Exit For
End If
Next i
'0-2 age; 3-6 dress; 7-12 hygiene
value_cnt = adhc_record.Field(21).count
For i = 1 To value_cnt
For k = 0 To 2
If Trim(.chkAge(k).Caption) = adhc_record.Value(21, i) Then
.chkAge(k).Value = 1
End If
Next k
Next i
.txtPAComm.Text = adhc_record.Field(24)
'dress
value_cnt = adhc_record.Field(22).count
For i = 1 To value_cnt
For k = 3 To 6
If Trim(.chkAge(k).Caption) = adhc_record.Value(22, i) Then
.chkAge(k).Value = 1
End If
Next k
Next i
'hygiene
value_cnt = adhc_record.Field(23).count
For i = 1 To value_cnt
For k = 7 To 12
If Trim(.chkAge(k).Caption) = adhc_record.Value(23, i) Then
.chkAge(k).Value = 1
End If
Next k
Next i
'physical activity
value_cnt = adhc_record.Field(26).count
For i = 1 To value_cnt
For k = 0 To 6
If Trim(.chkS_W_Physical_Activity(k).Caption) = adhc_record.Value(26, i) Then
.chkS_W_Physical_Activity(k).Value = 1
Else
If i = value_cnt Then
.txtPhysActi.Text = adhc_record.Value(21, i)
End If
End If
Next k
Next i
.txtPAExplain.Text = adhc_record.Field(27).TextValue
'0-11 attitude
value_cnt = adhc_record.Field(28).count
For i = 1 To value_cnt
For k = 0 To 11
If Trim(.chkS_W_Behavior(k).Caption) = adhc_record.Value(28, i) Then
.chkS_W_Behavior(k).Value = 1
Else
If i = value_cnt Then
.txtBehaAtti.Text = adhc_record.Value(28, i).TextValue
End If
End If
Next k
Next i
'effect
value_cnt = adhc_record.Field(29).count
For i = 1 To value_cnt
For k = 0 To 5
If Trim(.chkS_W_Affect(k).Caption) = adhc_record.Value(29, i) Then
.chkS_W_Affect(k).Value = 1
End If
Next k
Next i

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```

'mood
value_cnt = adhc_record.Field(30).count
For i = 1 To value_cnt
  For k = 0 To 6
    If Trim(.chkS_W_Mood(k).Caption) = adhc_record.Value(30, i) Then
      .chkS_W_Mood(k).Value = 1
    Else
      If i = value_cnt Then
        .txtMood.Text = adhc_record.Value(30, i).TextValue
      End If
    End If
  Next k
Next i
'reality testing
'hallucinations
If adhc_record.Field(34) = "Y" Then
  .chkHall(0).Value = 1
Else
  .chkHall(0).Value = 0
End If
'delusions
If adhc_record.Field(35) = "Y" Then
  .chkDelu(0).Value = 1
Else
  .chkDelu(0).Value = 0
End If
'other
.txtDelu.Text = adhc_record.Field(36)
'explanation
.txtRTExplain.Text = adhc_record.Field(37)
'orientation
For i = 1 To 4
  Select Case adhc_record.Field(39 + i)
    Case Is = "F"
      .cboS_W_Orientation(i).ListIndex = 0
    Case Is = "P"
      .cboS_W_Orientation(i).ListIndex = 1
    Case Is = "P"
      .cboS_W_Orientation(i).ListIndex = 2
  End Select
Next i
'client is willing/uneilling to cooperate with MSQ
'.....able/unable.....
If adhc_record.Field(44) = .optWilling(0).Caption Then
  .optWilling(0).Value = True
  .optWilling(1).Value = False
End If
If adhc_record.Field(44) = .optWilling(1).Caption Then
  .optWilling(0).Value = False
  .optWilling(1).Value = True
End If
If adhc_record.Field(45) = .optAble(0).Caption Then
  .optAble(0).Value = True
  .optAble(1).Value = False
End If
If adhc_record.Field(45) = .optAble(1).Caption Then
  .optAble(0).Value = False
  .optAble(1).Value = True
End If
'does participant currently have means to harmself or others
If adhc_record.Field(88) = "Y" Then
  .Check2(4).Value = 1
Else
  .Check2(4).Value = 0
End If
'explanation of means to harmslf or others
.txtHarmSelf.Text = adhc_record.Field(89).TextValue
'0 recent; 1 past; 2 remote memory
'3 ability to concentrate; 4 attention span
'5 insight; 6 judgement; 7 intelligence
For i = 0 To 7
  item_cnt = .cmbCogn(i).ListCount - 1
  For k = 0 To item_cnt
    If .cmbCogn(i).List(k) = adhc_record.Field(80 + i) Then
      .cmbCogn(i).ListIndex = k
      .cmbCogn(i).Text = adhc_record.Field(80 + i)
    Exit For
  End If
Next k
Next i
'toxic materials improperly stored
If adhc_record.Field(90) = "Y" Then
  .chkSHHaza(0).Value = 1
Else
  .chkSHHaza(0).Value = 0
End If
'tools, knives,imporperly stored

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'comment
If adhc_record.Field(91) = "Y" Then
    .chkSHHaza(1).Value = 1
Else
    .chkSHHaza(1).Value = 0
End If
.txtSComm.Text = adhc_record.Field(92).TextValue
.txtADHC_date.Text = session.Oconv(adhc_record.Field(100), "D4/")
'legal representative
'type
item_cnt = .cmbPrsnt.ListCount - 1
For i = 0 To item_cnt
    If .cmbPrsnt.List(i) = temp_living_record.Field(30) Then
        .cmbPrsnt.ListIndex = i
        Exit For
    End If
Next i
.cmbPrsnt.Text = temp_living_record.Field(30)
For i = 0 To 3
    'o name; 1 address; 2 city; 3 state
    .txtLPrsn(i).Text = temp_living_record.Field(31 + i)
Next i
thezip = temp_living_record.Field(35)
If thezip = "" Then
    thezip = blank_zip
Elseif Right(thezip, 1) = "-" Then
    thezip = thezip & " "
Elseif Len(thezip) = 5 Then
    thezip = thezip & "-"
End If
.mebLprsn(0).Text = thezip
thephone = temp_living_record.Field(36)
If Trim(thephone) = "" Then
    thephone = blank_phone
End If
If thephone Like "#####-#####" Then
    thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
End If
.mebLprsn(1).Text = thephone
'relationship
item_cnt = .cmblegalrelate.ListCount - 1
For i = 0 To item_cnt
    If .cmblegalrelate.List(i) = temp_living_record.Field(37) Then
        .cmblegalrelate.ListIndex = i
        .cmblegalrelate.Text = temp_living_record.Field(37)
        Exit For
    End If
Next i
'0 live alone; 1 spouse; 2 child; 3 other
'4 paid by IHSS; 7 emergency reponse;
'8 smoke alarm
.chkLArng(0).Value = IIf(temp_living_record.Field(6) = "Y", 1, 0)
If .chkLArng(0).Value = 1 Then
    .chkLArng(1).Value = 0
    .chkLArng(2).Value = 0
    .chkLArng(3).Value = 0
Else
    If temp_living_record.Field(1) = "SPOUSE" Then
        .chkLArng(1).Value = 1
    Else
        'If referral_record.Field(141) = "CHILD" Then
        If temp_living_record.Field(1) = "CHILD" Then
            .chkLArng(2).Value = 1
        Else
            If temp_living_record.Field(1) <> "" Then
                .chkLArng(3).Value = 1
            End If
        End If
    End If
End If
.txtlw_relation.Text = frm_patient.txtlw_relation.Text
If temp_living_record.Field(2) = "Y" Then
    .chkLArng(4).Value = 1
Else
    .chkLArng(4).Value = 0
End If
'emergency response system operable
'smoke alarm
If temp_equipment_record.Value(1, 6) = "HAS" Then
    .chkLArng(7).Value = 1
    If adhc_record.Field(95) = "operable" Then
        .chkLArng(9).Value = 1
    Else
        .chkLArng(9).Value = 0
    End If
End If
Else

```

```

.chkLArng(7).Value = 0
'operable
.chkLArng(9).Value = 0
End If
If temp_equipment_record.Value(1, 5) = "HAS" Then
.chkLArng(8).Value = 1
If adhc_record.Field(96) = "operable" Then
.chkLArng(10).Value = 1
Else
.chkLArng(10).Value = 0
End If
Else
.chkLArng(8).Value = 0
.chkLArng(10).Value = 0
End If
'can this the first person to be notified in case of emergency
If temp_living_record.Field(24) = "Y" Then
.P_CareGiver(1).Value = 1
Else
.P_CareGiver(1).Value = 0
End If
'residence
item_cnt = .cmbrestype.ListCount - 1
For i = 0 To item_cnt
If .cmbrestype.List(i) = temp_living_record.Field(8) Then
.cmbrestype.ListIndex = i
.cmbrestype.Text = temp_living_record.Field(8)
End If
Next i
'If temp_living_record.Field(8) <> "" And .cmbrestype.ListIndex = -1 Then
'.cmbrestype.ListIndex = (.cmbrestype.ListCount - 1)
'End If
item_cnt = .cmbRedn.ListCount - 1
For i = 0 To item_cnt
If .cmbRedn.List(i) = adhc_record.Field(15) Then
.cmbRedn.ListIndex = i
.cmbRedn.Text = adhc_record.Field(15)
End If
Next i
'anyproblems realted to client's residence
.txtredn.Text = adhc_record.Field(16)
'subsized
If temp_living_record.Field(10) = "Y" Then
.chkSub.Value = 1
Else
.chkSub.Value = 0
End If
'IHSS's hours
.mebLArng.Text = temp_living_record.Field(3)
.txtIHSS_resource.Text = temp_living_record.Field(3)
'subsized
.txtsubsized.Text = session.Oconv(temp_living_record.Field(4), "MD2")
'rent
.txtMOrRent.Text = session.Oconv(temp_living_record.Field(5), "MD2")
'0-4 access to local transportation
'medical care, banking, shopping, church, other
For i = 0 To 4
If Trim(.chkALT(i).Caption) = temp_living_record.Value(40, i + 1) Then
.chkALT(i).Value = 1
Else
.chkALT(i).Value = 0
End If
Next i
'comments
.txtALT.Text = temp_living_record.Field(41).TextValue
'does client use(cane, walker, wheelchair)
cbo_cnt = .Combo2.ListCount - 1
For i = 0 To cbo_cnt
If temp_living_record.Field(44) = .Combo2.List(i) Then
.Combo2.ListIndex = i
Exit For
End If
Next i
.Combo2.Text = temp_living_record.Field(44)
'0 independently negotiate entrance to building
If temp_living_record.Field(42) = "Y" Then
.chkMobl(0).Value = 1
Else
.chkMobl(0).Value = 0
End If
'1 does client must climb stairs ro enter or leave building
If temp_living_record.Field(43) = "Y" Then
.chkMobl(1).Value = 1
Else
.chkMobl(1).Value = 0
End If

```

```

'is ramp provided
If temp_living_record.Field(45) = "Y" Then
    .chkMobl(2).Value = 1
Else
    .chkMobl(2).Value = 0
End If
'is using wheelchair can client transfer to other seating
If temp_living_record.Field(46) = "Y" Then
    .chkMobl(3).Value = 1
Else
    .chkMobl(3).Value = 0
End If
'determin transfer by
'4 center rep. observed; 5 client demonstrated
'6 stand by assistance
For i = 4 To 6
    If temp_living_record.Field(47) = .chkMobl(i).Caption Then
        .chkMobl(i).Value = 1
    Else
        .chkMobl(i).Value = 0
    End If
Next i
'7 is able to transfer can client board van via steps
If temp_living_record.Field(48) = "Y" Then
    .chkMobl(7).Value = 1
Else
    .chkMobl(7).Value = 0
End If
'formal live in
If temp_living_record.Field(49) = "Y" Then
    .chkLive_In.Value = 1
Else
    .chkLive_In.Value = 0
End If
'foods stamps
If temp_living_record.Field(50) = "Y" Then
    .chkFood.Value = 1
Else
    .chkFood.Value = 0
End If
'transportation
If temp_living_record.Field(51) <> "" Then
    .chkTrans.Value = 1
Else
    .chkTrans.Value = 0
End If
.txtTrans.Text = temp_living_record.Field(51)
'home health
If temp_living_record.Field(52) = "Y" Then
    .chkHomeHealth.Value = 1
Else
    .chkHomeHealth.Value = 0
End If
'delivered meal
If temp_living_record.Field(53) = "Y" Then
    .chkMeal.Value = 1
Else
    .chkMeal.Value = 0
End If
'provider's name
.txtPName.Text = temp_formal_supp_record.Value(1, 1)
'provider's phone
thephone = temp_formal_supp_record.Value(7, 1)
If Trim(thephone) = "" Then
    thephone = blank_phone
End If
If thephone Like "#####-####" Then
    thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
End If
If thephone Like "(###)###-####" Then
    .mebPPhone.Text = thephone
Else
    .mebPPhone.Text = blank_phone
End If
'primary caregiver from referral
'name address city state
.txtHPCare(0).Text = frm_patient.txtcg_name.Text
.txtHPCare(1).Text = frm_patient.txtcg_address.Text
.txtHPCare(2).Text = frm_patient.txtcg_city.Text
.txtHPCare(3).Text = frm_patient.txtcg_state.Text
.mebHPCare(0).Text = frm_patient.txtcg_zip.Text
.mebHPCare(1).Text = frm_patient.txtcg_phone.Text
'realionship, age
If Len(temp_living_record.Field(23)) > 1 Then
    .mebHPCare(2).Text = temp_living_record.Field(23)
Else

```



```

If Len(temp_living_record.Field(23)) = 1 Then
    .mebHPCare(2).Text = "0" & temp_living_record.Field(23)
Else
    .mebHPCare(2).Text = " __ "
End If
End If
item_cnt = .cmbHPCare(0).ListCount - 1
For i = 0 To item_cnt
If .cmbHPCare(0).List(i) = temp_living_record.Field(25) Then
    .cmbHPCare(0).ListIndex = i
Exit For
End If
Next i
Call display_informal_support("")
.mnuUpdate.Enabled = True
.mnuAction.Enabled = True
.mnuNewassessment.Enabled = False
.mnuRept.Enabled = True
.cmbAssess_id.Enabled = False
End With
End Function
Sub display_adhc_shared_information()
With frmADHC
item_cnt = .cmbrestype.ListCount - 1
For i = 0 To item_cnt
    If .cmbrestype.List(i) = temp_living_record.Field(8) Then
        .cmbrestype.ListIndex = i
        Exit For
        .cmbrestype.Text = temp_living_record.Field(8).TextValue
    End If
Next i
'legal representative
'type
item_cnt = .cmbPrsnt.ListCount - 1
For i = 0 To item_cnt
    If .cmbPrsnt.List(i) = temp_living_record.Field(30) Then
        .cmbPrsnt.ListIndex = i
        Exit For
    End If
Next i
.cmbPrsnt.Text = temp_living_record.Field(30)
For i = 0 To 3
    'o name; 1 address; 2 city; 3 state
    .txtLPrsn(i).Text = temp_living_record.Field(31 + i)
Next i
'can this the first person to be notified in case of emergency
If temp_living_record.Field(24) = "Y" Then
    .P_CareGiver(1).Value = 1
Else
    .P_CareGiver(1).Value = 0
End If
thezip = temp_living_record.Field(35)
If thezip = "" Then
    thezip = blank_zip
ElseIf Right(thezip, 1) = "-" Then
    thezip = thezip & " ____ "
ElseIf Len(thezip) = 5 Then
    thezip = thezip & "- ____ "
End If
.mebLprsn(0).Text = thezip
thephone = temp_living_record.Field(36)
If Trim(thephone) = "" Then
    thephone = blank_phone
End If
If thephone Like "#####-####" Then
    thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
End If
.mebLprsn(1).Text = thephone
'relationship
.cmblegairelate.Text = temp_living_record.Field(37)
'0 live alone; 1 spouse; 2 child; 3 other
'4 paid by IHSS; 7 emergency reponse;
'8 smoke alarm
.chkLArng(0).Value = IIf(temp_living_record.Field(6) = "Y", 1, 0)
If .chkLArng(0).Value = 1 Then
    .chkLArng(1).Value = 0
    .chkLArng(2).Value = 0
    .chkLArng(3).Value = 0
Else
    If temp_living_record.Field(1) = "SPOUSE" Then
        .chkLArng(1).Value = 1
    Else
        'If referral_record.Field(141) = "CHILD" Then
        If temp_living_record.Field(1) = "CHILD" Then
            .chkLArng(2).Value = 1
        Else

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        If temp_living_record.Field(1) <> "" Then
            .chkLArng(3).Value = 1
        End If
    End If
End If
End If
.txtlw_relation.Text = frm_patient.txtlw_relation.Text
If temp_living_record.Field(2) = "Y" Then
    .chkLArng(4).Value = 1
Else
    .chkLArng(4).Value = 0
End If

'emergency response system operable
'smoke alarm
If temp_equipment_record.Value(1, 6) = "HAS" Then
    .chkLArng(7).Value = 1
Else
    .chkLArng(7).Value = 0
    'operable
    .chkLArng(9).Value = 0
End If
If temp_equipment_record.Value(1, 5) = "HAS" Then
    .chkLArng(8).Value = 1
Else
    .chkLArng(8).Value = 0
    .chkLArng(10).Value = 0
End If
'subsized
If temp_living_record.Field(10) = "Y" Then
    .chkSub.Value = 1
Else
    .chkSub.Value = 0
End If
If temp_living_record.Field(2) = "Y" Then
    .chkLArng(4).Value = 1
Else
    .chkLArng(4).Value = 0
End If
'IHSS's hours
.mebLArng = temp_living_record.Field(3)
.txtIHSS_resource.Text = temp_living_record.Field(3)
'subsized
.txtsubsubized.Text = session.Oconv(temp_living_record.Field(4), "MD2")
'rent
.txtIMOrRent.Text = session.Oconv(temp_living_record.Field(5), "MD2")
'0-4 access to local transportation
'medical care, banking, shopping, church, other
For i = 0 To 4
    If Trim(.chkALT(i).Caption) = temp_living_record.Value(40, i + 1) Then
        .chkALT(i).Value = 1
    Else
        .chkALT(i).Value = 0
    End If
Next i
'comments
.txtALT.Text = temp_living_record.Field(41).TextValue
'does client use(cane, walker, wheelchair)
cbo_cnt = .Combo2.ListCount - 1
For i = 0 To cbo_cnt
    If temp_living_record.Field(44) = .Combo2.List(i) Then
        .Combo2.ListIndex = i
        Exit For
    End If
Next i
.Combo2.Text = temp_living_record.Field(44)
'0 independently negotiate entrance to building
If temp_living_record.Field(42) = "Y" Then
    .chkMobl(0).Value = 1
Else
    .chkMobl(0).Value = 0
End If
'1 does client must climb stairs to enter or leave building
If temp_living_record.Field(43) = "Y" Then
    .chkMobl(1).Value = 1
Else
    .chkMobl(1).Value = 0
End If
'is ramp provided
If temp_living_record.Field(45) = "Y" Then
    .chkMobl(2).Value = 1
Else
    .chkMobl(2).Value = 0
End If
'is using wheelchair can client transfer to other seating
If temp_living_record.Field(46) = "Y" Then

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.chkMobl(3).Value = 1
Else
.chkMobl(3).Value = 0
End If
'determin transfer by
'4 center rep. observed; 5 client demonstrated
'6 stand by assistance
'7 is able to transfer can client board van via steps
For i = 4 To 7
If temp_living_record.Field(47) = .chkMobl(i).Caption Then
.chkMobl(i).Value = 1
End If
Next i
'formal live in
If temp_living_record.Field(49) = "Y" Then
.chkLive_In.Value = 1
Else
.chkLive_In.Value = 0
End If
'foods stamps
If temp_living_record.Field(50) = "Y" Then
.chkFood.Value = 1
Else
.chkFood.Value = 0
End If
'transportation
If temp_living_record.Field(51) <> "" Then
.chkTrans.Value = 1
Else
.chkTrans.Value = 0
End If
.txtTrans.Text = temp_living_record.Field(51)
'home health
If temp_living_record.Field(52) = "Y" Then
.chkHomeHealth.Value = 1
Else
.chkHomeHealth.Value = 0
End If
'delivered meal
If temp_living_record.Field(53) = "Y" Then
.chkMeal.Value = 1
Else
.chkMeal.Value = 0
End If
'provider's name
.txtPName.Text = temp_formal_supp_record.Value(1, 1)
'provider's phone
thephone = temp_formal_supp_record.Value(7, 1)
If Trim(thephone) = "" Then
thephone = blank_phone
End If
If thephone Like "#####-####" Then
thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
End If
If thephone Like blank_phone Then
.mebPPhone.Text = thephone
Else
.mebPPhone.Text = blank_phone
End If
'primary caregiver from referral
'name address city state
.txtHPCare(0).Text = frm_patient.txtcg_name.Text
.txtHPCare(1).Text = frm_patient.txtcg_address.Text
.txtHPCare(2).Text = frm_patient.txtcg_city.Text
.txtHPCare(3).Text = frm_patient.txtcg_state.Text
.mebHPCare(0).Text = frm_patient.txtcg_zip.Text
.mebHPCare(1).Text = frm_patient.txtcg_phone.Text
'relationship, age
If Len(temp_living_record.Field(23)) > 1 Then
.mebHPCare(2).Text = temp_living_record.Field(23)
Else
If Len(temp_living_record.Field(23)) = 1 Then
.mebHPCare(2).Text = "0" & temp_living_record.Field(23)
Else
.mebHPCare(2).Text = ""
End If
End If
item_cnt = .cmbHPCare(0).ListCount - 1
For i = 0 To item_cnt
If .cmbHPCare(0).List(i) = temp_living_record.Field(25) Then
.cmbHPCare(0).ListIndex = i
Exit For
End If
Next i
Call display_informa_support("")
.mnuUpdate.Enabled = True

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.mnuAction.Enabled = True
.mnuNewassessment.Enabled = False
.mnuRept.Enabled = True
.cmbAssess_id.Enabled = False
.txtADHC_date.Enabled = False
End With
End Sub

Sub cancel_adhc()
Call clear_ADHC
With frmADHC
.sstADCH.Tab = 0
.mnuUpdate.Enabled = False
.mnuAction.Enabled = False
.mnuNewassessment.Enabled = True
.mnuRept.Enabled = False
.cmbAssess_id.Enabled = True
End With
adhcssw_file.UnlockFile
adhcssw_file.CloseFile
adliadl_file.UnlockFile
adliadl_file.CloseFile
If error_opening(adhcssw_file, "ADHCSSW") Then
MsgBox "Error canceling ADHC. Ending program.", vbCritical, "Error...ending program."
End
Else
End If
If error_opening(adliadl_file, "ADLIADL") Then
MsgBox "Error canceling ADLIADL in ADHC. Ending program.", vbCritical, "Error...ending program."
End
Else
End If
End Sub

Sub clear_ADHC()
With frmADHC
.txtname.Text = ""
.labelTitle.Caption = ""
'IHSS information
.txtIHSSName.Text = ""
.mebIHSSPhone.Text = blank_phone
'case manager
.Combo1.ListIndex = -1
.Combo1.Text = ""
.txtCaseName.Text = ""
.txtOther.Text = ""
'present/in psychosocial problem(s)
.txtPsycProb.Text = ""
'family adn social history
.txtFamiSocd.Text = ""
'describe neighborhood
.cmbNeigHood.ListIndex = -1
.cmbNeigHood.Text = ""
'what is client's psychocila resonse to living arrangement
.txtResp.Text = ""
'how do living arrangements and immediated environmnet affect
.txtAffe.Text = ""
'does client have any pets, is pet well cared
.chkLArng(5).Value = 0
.chkLArng(6).Value = 0
'pet is not well-cared explain
.txtLArang.Text = ""
'residence
.cmbRedn.ListIndex = -1
.cmbRedn.Text = ""
.cmbrestype.ListIndex = -1
.cmbrestype.Text = ""
'anyproblems realted to client's residence
.txtredn.Text = ""
'sub sized
.chkSub.Value = 0
'significant health changes or recent hospitatzation
.txtadhcxp(0).Text = ""
'mental status alertness
.cboS_W_Alertness.ListIndex = -1
'0-2 age; 3-6 dress; 7-12 hygiene
For i = 0 To 12
.chkAge(i).Value = 0
Next i
'physical activity
For i = 0 To 6
.chkS_W_Physical_Activity(i).Value = 0
Next i
.txtPAExplain.Text = ""
'0-11 attitude
For i = 0 To 11

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.chkS_W_Behavior(i).Value = 0
Next i
'other for attitude
.txtBehaAtti.Text = ""
'affect
For i = 0 To 5
.chkS_W_Affect(i).Value = 0
Next i
'mood
For i = 0 To 6
.chkS_W_Mood(i).Value = 0
Next i
.txtMood.Text = ""
'reality testing
'hallucinations
.chkHall(0).Value = 0
'delusions
.chkDelu(0).Value = 0
'other
.txtDelu.Text = ""
'explanation
.txtRTEexplain.Text = ""
'orientation
For i = 1 To 4
.cboS_W_Orientation(i).ListIndex = -1
Next i
'client is willing/uneilling to cooperate with MSQ
'.....able/unable.....
.optWilling(0).Value = 0
.optWilling(1).Value = 0
.optAble(0).Value = 0
.optAble(1).Value = 0
'0 recent; 1 past; 2 remote memory
'3 ability to concentrate; 4 attention span
'5 insight; 6 judgement; 7 intelligence
For i = 0 To 7
.cmbCogn(i).ListIndex = -1
.cmbCogn(i).Text = ""
Next i
'does participant currently have means to harmself or others
.Check2(4).Value = 0
'explanation of means to harmslf or others
.txtHarmSelf.Text = ""
'emergency response system operable
'smoke alarm
.chkLArng(9).Value = 0
.chkLArng(10).Value = 0
'legal representative
'type
.cmbPrsnt.ListIndex = -1
For i = 0 To 3
'o name; 1 address; 2 city; 3 state
.txtLPrsn(i).Text = ""
Next i
.mebLprsn(0).Text = blank_zip
.mebLprsn(1).Text = blank_phone
'relationship
.cmblegalrelate.ListIndex = -1
.cmblegalrelate.Text = ""
'0 live alone; 1 spouse; 2 child; 3 other
'4 paid by IHSS; 7 emergency reponse;
'8 smoke alarm
For i = 0 To 4
.chkLArng(i).Value = 0
Next i
.chkLArng(7).Value = 0
.chkLArng(8).Value = 0
'IHSS's hours
.mebLArng.Text = ""
.txtIHSS_resource.Text = ""
'subsized
.txtsubsidized.Text = ""
'rent
.txtMORrent.Text = ""
'0-4 access to local transportation
'medical care, banking, shopping, church, other
For i = 0 To 4
.chkALT(i).Value = 0
Next i
'comments
.txtALT.Text = ""
'does client use(cane, walker, wheelchair)
.Combo2.ListIndex = -1
.Combo2.Text = ""
'0 independently negotiate entrance to building
.chkMobi(0).Value = 0

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'1 does client must climb stairs ro enter or leave building
.chkMobl(1).Value = 0
'is ramp provided
.chkMobl(2).Value = 0
'is using wheelchair can client transfer to other seating
.chkMobl(3).Value = 0
'determin transfer by
'4 center rep. observed; 5 client demonstrated
'6 stand by assistance
'7 is able to transfer can client board van via steps
For i = 4 To 7
    .chkMobl(i).Value = 0
Next i
'formai live in
.chkLive_In.Value = 0
'foods stamps
.chkFood.Value = 0
'transportation
.chkTrans.Value = 0
.txtTrans.Text = ""
'home hleath
.chkHomeHealth.Value = 0
'delivered meal
.chkMeal.Value = 0
'provider's name
.txtPName.Text = ""
'provider's phone
.mebPPhone.Text = blank_phone
.txtlw_relation.Text = ""
.chkSHHaza(0).Value = 0
.chkSHHaza(1).Value = 0
.txtSComm.Text = ""
.txtPAComm.Text = ""
.txtPhysActi.Text = ""
.txtPAexplain.Text = ""
.chkLArng(4).Value = 0
.txtADHC_date.Text = ""
.cmbAssess_id.ListIndex = -1
.txtchart.Text = ""
.cmbcharloc.ListIndex = -1
Call init_frmADHC(.cmbAssess_id)
End With
End Sub

Sub init_frmADHC(combobox_name As Variant)
'routine to initialize a named combo box
'assessment evaluate number
Dim location_record As IUvDynArray
Dim strIndex As Integer
With frmADHC.cmbAssess_id
    .Clear
    assess_cnt = new_assessment.Field(1).count
    For i = 1 To assess_cnt
        .AddItem Trim(new_assessment.Value(1, i))
    Next i
End With
'initial the location list
With frmADHC.cmbcharloc
    .Clear
    If session.IsActive Then
        Set Location_list = session.SelectList(0)
        Location_list.ClearList
        session.Command.Text = "SELECT LAB WITH NAME >=""HEALTHCARE HEALTH SERVICES"" AND <=""HEALTHCARE HEALTH SERVICES-
PACE PROGRAM"" OR NAME = ""MSSP-POMONA""
        On Error Resume Next
        session.Command.Exec
        If session.Error <> 0 Then
            MsgBox "UVError selecting LAB items!", vbCritical, "UVERROR"
            Exit Sub
        End If
        lab_file.RecordId = Location_list.Next
        Do While Not Location_list.LastRecordRead
            lab_file.Read
            If lab_file.Error <> 0 Then
                MsgBox "UVError reading location record " & Location_file.RecordId & ".", vbCritical, "UVError"
            End If
            loclen = 5 - Len(lab_file.RecordId)
            If loclen = 0 Then
                locnum = lab_file.RecordId & " "
            Else
                locnum = lab_file.RecordId & Space(loclen) & " "
            End If
            Set location_record = lab_file.Record
            If CStr(location_record.Field(1)) Like "HEALTHCARE*" Then
                If CStr(location_record.Field(1)) Like "HEALTHCARE HEALTH SERVICES-*" Then
                    locdesc = session.Oconv(location_record.Field(1), "G1-1")
                End If
            End If
        Loop
    End With
End Sub

```

```

Else
    locdesc = session.Oconv(location_record.Field(1), "G3 1")
End If
Else
    locdesc = location_record.Field(1)
End If
.AddItem locnum & locdesc
lab_file.RecordId = Location_list.Next
Loop
.AddItem "I = ICMP PROGRAM"
Else
    MsgBox "Error reading LAB file! Ending program!", vbCritical, "ERROR"
End
End If
End With
'Initial the diagnosis code grid
With frmADHC.msflexDiagCode
    .Rows = 1
    .Cols = 2
    .ColWidth(1) = 9000
    .TextMatrix(0, 0) = "Code"
    .TextMatrix(0, 1) = "Description"
End With

'Initial the caregiver grid
With frmADHC.msfgAdd
    .Rows = 1
    .Cols = 10
    .ColWidth(0) = 1500
    .ColWidth(1) = 3000
    .ColWidth(2) = 1500
    .ColWidth(3) = 500
    .ColWidth(4) = 1000
    .ColWidth(5) = 1500
    .ColWidth(6) = 2000
    .ColWidth(7) = 500
    .ColWidth(8) = 500
    .ColWidth(9) = 0

    .TextMatrix(0, 0) = "Name"
    .TextMatrix(0, 1) = "Address"
    .TextMatrix(0, 2) = "City"
    .TextMatrix(0, 3) = "state"
    .TextMatrix(0, 4) = "Zip"
    .TextMatrix(0, 5) = "Phone"
    .TextMatrix(0, 6) = "Relationship"
    .TextMatrix(0, 7) = "Age"
    .TextMatrix(0, 8) = "Formal"
    .TextMatrix(0, 9) = "Attribute Value"
End With
With frmADHC
    For i = 0 To 3
        .txtHPCare(i).Text = ""
    Next i
    .relationship
    .cmbHPCare(0).ListIndex = -1
    .cmbHPCare(0).Text = ""
    .zip, phone, age
    .mebHPCare(0).Text = blank_zip
    .mebHPCare(1).Text = blank_phone
    .mebHPCare(2).Text = ""
    .P_CareGiver(1).Value = 0
End With
With frm_patient
    frmADHC.txtname = (.txtfirst_name) & " " & (.txtmiddle_name) & " " & (.txtname)
End With
End Sub

'routines for ICMP
Function check_icmp() As Boolean
'routine to check for valid data in ICMP
Dim opt_cnt As Integer
If assess_newflag = False Then
    Set new_icmp_record = New CUvDynArray
Else
    Set new_icmp_record = icmpssw_file.Record
End If
'set check_save_data = False, set to true if makes it through
'all checks
check_icmp = False
With frmICMP
    'assessment seq. No.
    seq_no = Trim(.medCntAsse.FormattedText)
    If seq_no <> "" And IsNumeric(seq_no) Then
        new_icmp_record.Field(1) = seq_no
    Else

```

```

    MsgBox "Assessment Sequence No. is a required field!", vbCritical, "Required Field!"
    .medCntAsse.SetFocus
    Exit Function
End If
'staff code
staff_Code = Trim(.medCode.FormattedText)
If staff_Code <> "" And IsNumeric(staff_Code) Then
    new_icmp_record.Field(15) = staff_Code
Else
    MsgBox "Staff code is a required field!", vbCritical, "Required Field!"
    .medCode.SetFocus
    Exit Function
End If
'date of assessment
thedata = session.Iconv(Trim(.txtcmpdate.Text), "D4/")
If thedate = "" Then
    MsgBox "Assessment date is a required field!", vbCritical, "Required Field!"
    .SSTab1.Tab = 0
    .txtcmpdate.SetFocus
    Exit Function
End If
new_icmp_record.Field(180) = thedate
'chart number
If IsNumeric(Trim(.txtchart.Text)) Then
    If Val(Trim(.txtchart.Text)) > 99999 Then
        MsgBox "Chart Number is a five-digits numeric field!", vbCritical, "Five-Digits numeric Field!"
        .SSTab1.Tab = 0
        .txtchart.SetFocus
        Exit Function
    End If
Else
    MsgBox "Chart Number is a numeric required field!", vbCritical, "Required Field!"
    .SSTab1.Tab = 0
    .txtchart.SetFocus
    Exit Function
End If
If .cmbcharloc.Text = "" Then
    MsgBox "Chart Location is a required field!", vbCritical, "Required Field!"
    .SSTab1.Tab = 0
    .cmbcharloc.SetFocus
    Exit Function
End If
new_icmp_record.Field(175) = Trim(.txtchart.Text)
new_icmp_record.Field(176) = Trim(session.Oconv(.cmbcharloc.Text, "G0=1"))
'date enrolled in case mangament
the_date = session.Iconv(.medDateMana.Text, "D4/")
If the_date <> "" Then
    new_icmp_record.Field(2) = the_date
Else
    new_icmp_record.Field(2) = ""
End If
'date of care plan
the_date = session.Iconv(.medDateCP.Text, "D4/")
If the_date <> "" Then
    new_icmp_record.Field(3) = the_date
Else
    new_icmp_record.Field(3) = ""
End If
'closed date
the_date = session.Iconv(.medDateClose.Text, "D4/")
If the_date <> "" Then
    new_icmp_record.Field(4) = the_date
Else
    new_icmp_record.Field(4) = ""
End If
'discontinuation code
opt_cnt = (.optDcont.count - 1)
For i = 0 To opt_cnt
    If .optDcont(i).Value = True Then
        new_icmp_record.Field(5) = i
    End If
Next i
'evidence of indication of abuse
'abuse 0 for Yes 1 for No
If .chkAbusNegl(0).Value = 1 Then
    new_icmp_record.Field(10) = "Y"
Else
    new_icmp_record.Field(10) = "N"
End If
the_date = session.Oconv(.mebAbusNegl.Text, "D4/")
If the_date <> "" Then
    new_icmp_record.Field(11) = the_date
Else
    new_icmp_record.Field(11) = ""
End If
new_icmp_record.Field(12) = .txtPSych(1).Text

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'informal and formal support relationship
Dim supp_cnt As Integer
supp_cnt = .MSFlexGrid1(0).Rows - 1
For i = 1 To supp_cnt
    house_info_supp_record.Value(1, i) = .MSFlexGrid1(0).TextMatrix(i, 0)
    house_info_supp_record.Value(2, i) = .MSFlexGrid1(0).TextMatrix(i, 1)
    new_icmp_record.Value(18, i) = .MSFlexGrid1(0).TextMatrix(i, 2)
    If i = 1 Then
        house_info_supp_record.Value(9, 1) = "Y"
    Else
        house_info_supp_record.Value(9, i) = "N"
    End If
Next i
supp_cnt = .MSFlexGrid1(1).Rows - 1
For i = 1 To supp_cnt
    temp_formal_supp_record.Value(1, i) = .MSFlexGrid1(1).TextMatrix(i, 0)
    temp_formal_supp_record.Value(2, i) = .MSFlexGrid1(1).TextMatrix(i, 1)
    new_icmp_record.Value(22, i) = .MSFlexGrid1(1).TextMatrix(i, 2)
Next i
'other information
new_icmp_record.Field(23) = .txtInfo.Text
'evidence problem
'0 memory; 1 orientation; 2 judgement; 3 anxiety; 4 combative, abusive; 5 depression
'6 delusions/hallucinations' 7 paranoid thinking; 8 wandering; 9 suicidal; 10 other
'11 dementia
For i = 0 To 6
    new_icmp_record.Field(25 + (i * 2)) = .cmbPsych(i).Text
    new_icmp_record.Field(26 + (i * 2)) = .txtEvid(i).Text
Next i
new_icmp_record.Field(41) = .cmbPsych(7).Text
new_icmp_record.Field(42) = .txtEvid(7).Text
new_icmp_record.Field(39) = .cmbPsych(8).Text
new_icmp_record.Field(40) = .txtEvid(8).Text
new_icmp_record.Field(44) = .cmbPsych(9).Text
new_icmp_record.Field(45) = .txtEvid(9).Text
new_icmp_record.Field(48) = .cmbPsych(10).Text
new_icmp_record.Field(49) = .txtEvid(10).Text
new_icmp_record.Field(46) = .cmbPsych(11).Text
new_icmp_record.Field(47) = .txtEvid(11).Text
'adaptive coping skills
new_icmp_record.Field(50) = .txtProb.Text
'has client experienced any significant event
new_icmp_record.Field(58) = .txtEvenChar.Text
'living arrange
'0 paid by IHSS; 1 emergency response sys
'2 spouse; 3 child; 4 other
If .chkLArg(2).Value = 1 Then
    temp_living_record.Field(1) = "SPOUSE"
Else
    If .chkLArg(3).Value = 1 Then
        temp_living_record.Field(1) = "CHILD"
    Else
        If .chkLArg(4).Value = 1 Then
            temp_living_record.Field(1) = "OTHER"
        End If
    End If
End If
new_icmp_record.Field(59) = .txtProbLiveArra.Text
'paid by IHSS
If .chkLArg(0).Value = 1 Then
    temp_living_record.Field(2) = "Y"
End If
If .chkLArg(1).Value = 1 Then
    temp_equipment_record.Value(1, 6) = "HAS"
End If
seq_no = Trim(.mebLArg.FormattedText)
If seq_no <> "" And IsNumeric(seq_no) Then
    temp_living_record.Field(3) = seq_no
Else
    MsgBox "IHSS paid hours is a numeric field!", vbCritical, "Required Field!"
    .mebLArg.SetFocus
    Exit Function
End If
'IHSS HOURS WAITING FOR MODIFICATION
'If .mebIHSSDec <> "" And IsNumeric(.mebIHSSDec.Text) Then
'    temp_living_record.Field(3) = seq_no & "." & .mebIHSSDec.Text
'Else
'    MsgBox "IHSS paid hours is a numeric field!", vbCritical, "Required Field!"
'    .mebIHSSDec.SetFocus
'    Exit Function
'End If
'residence
new_icmp_record.Field(60) = .cmbRedn.Text
'anyproblems realted to client's residence

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new_icmp_record.Field(61) = .txtredn.Text
'sub-sized
If .Check5.Value = 1 Then
    temp_living_record.Field(10) = "Y"
End If
'client's majour health problems/Dx
new_icmp_record.Field(62) = .txtMajorProb.Text
'how often is physician seen
new_icmp_record.Field(63) = .txtSeenPhys.Text
'height
new_icmp_record.Field(64) = Trim(session.Oconv(.mebHigh.FormattedText, "G0'1'"))
new_icmp_record.Field(65) = Trim(session.Oconv(session.Oconv(.mebHigh.FormattedText, "G1'1'"), "G0'1'"))
If Len(new_icmp_record.Field(65)) < 2 Then
    new_icmp_record.Field(65) = "0" & new_icmp_record.Field(65)
End If
'weight
seq_no = Trim(.mebWeight.FormattedText)
If seq_no <> "" And IsNumeric(seq_no) Then
    new_icmp_record.Field(66) = seq_no
End If
'measured by
If .chkHWCInt(1).Value = 1 Then
    new_icmp_record.Field(67) = "DOCTOR"
Else
    If .chkHWCInt(0).Value = 1 Then
        new_icmp_record.Field(68) = "CLIENT"
    End If
End If
'measured date
the_date = session.Iconv(.medClientDate.Text, "D4/")
If the_date <> "" Then
    new_icmp_record.Field(68) = the_date
Else
    new_icmp_record.Field(68) = ""
End If
'lost or gained weight
If .chkweight.Value = 1 Then
    new_icmp_record.Field(78) = "Y"
Else
    new_icmp_record.Field(78) = "N"
End If
seq_no = Trim(.mebLost.FormattedText)
If seq_no <> "" And IsNumeric(seq_no) Then
    new_icmp_record.Field(69) = seq_no
Else
    new_icmp_record.Field(69) = ""
End If
seq_no = Trim(.mebGain.FormattedText)
If seq_no <> "" And IsNumeric(seq_no) Then
    new_icmp_record.Field(70) = seq_no
Else
    new_icmp_record.Field(70) = ""
End If
'has client fallen and frequency
If .chkFallen(0).Value = 1 Then
    new_icmp_record.Field(71) = "Y"
Else
    If .chkFallen(1).Value = 1 Then
        new_icmp_record.Field(71) = "N"
    End If
End If
new_icmp_record.Field(72) = .txtFall.Text
'assistive devices used by client?
new_icmp_record.Field(73) = .txtDevice.Text
'hospitalized
If .chkHosp(0).Value = 1 Then
    new_icmp_record.Field(74) = "Y"
Else
    If .chkHosp(1).Value = 1 Then
        new_icmp_record.Field(74) = "N"
    End If
End If
new_icmp_record.Field(75) = .txtHosp.Text
'nursing facility
If .chkNuring(0).Value = 1 Then
    new_icmp_record.Field(76) = "Y"
Else
    If .chkNuring(1).Value = 1 Then
        new_icmp_record.Field(76) = "N"
    End If
End If
new_icmp_record.Field(77) = .txtNuring.Text
'the client have problems in these doing activities?
'0 vision; 1 hearing; 2 speech; 3 dental; 4 swallowing
'5 elimination; 6 feet; 7 short of breath; 8 pain

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'9 pain; 10 paralysis; 11 amputation; 12 recent infection
'12 allergies; 13 substance abuse; 14 mental illness
For i = 0 To 14
  If .chkDoingNo(i).Value = 1 Then
    new_icmp_record.Field(85 + (i * 2)) = "Y"
  Else
    new_icmp_record.Field(85 + (i * 2)) = "N"
  End If
  new_icmp_record.Field(86 + (i * 2)) = .txtDoingAct(i).Text
Next i
'special diet
'0 yes, 1 no for special diet; 2 yes, 2 yes, 3 no for RX
If .chkDiet(0).Value = 1 Then
  new_icmp_record.Field(120) = "Y"
Else
  If .chkDiet(1).Value = 1 Then
    new_icmp_record.Field(120) = "N"
  End If
End If
If .chkDiet(2).Value = 1 Then
  new_icmp_record.Field(121) = "Y"
Else
  If .chkDiet(3).Value = 1 Then
    new_icmp_record.Field(121) = "N"
  End If
End If
new_icmp_record.Field(122) = .txtDiet.Text
'reassessment summary
For i = 0 To 12
  new_icmp_record.Field(150 + i) = comment(i)
Next i
'medication
Call copy_dynarray(medication_record, new_icmp_record, 1, 8, 165)
old_the_rec_date = Right(old_medication_record.Field(8), 2) & Left(old_medication_record.Field(8), 2)
the_rec_date = Right(medication_record.Field(8), 2) & Left(medication_record.Field(8), 2)
If Val(old_the_rec_date) > Val(the_rec_date) Then
  Set medication_record = old_medication_record
End If
Set old_medication_record = New CUvDynArray
'client name
opt_cnt = .optIncome.count - 1
For i = 0 To opt_cnt
  If .optIncome(i).Value = True Then
    temp_living_record.Field(20) = i
  End If
Next i
opt_cnt = .optEduc.count - 1
For i = 0 To opt_cnt
  If .optEduc(i).Value = True Then
    temp_living_record.Field(21) = i
  End If
Next i
End With
check_icmp = True 'if get to this point, then all data okay
End Function

Function save_icmp_record(clear_display As Boolean) As Boolean
  Dim old_icmp_record As IUvDynArray 'used to save a copy of the current
  'referral record before changes
  Dim old_adliadl_record As IUvDynArray
  Set old_icmp_record = icmpssw_file.Record
  save_icmp_record = False
  'check if connection still alive or not
  If Not session.IsActive Then
    frmICMP.Visible = False
    Call reconnect
    frmICMP.Visible = True
  End If
  If check_icmp Then
    icmp_id = icmpssw_file.RecordId
    Set atransection = session.Transaction
    atransection.Start
    Set icmpssw_file.Record = new_icmp_record
    On Error Resume Next
    icmpssw_file.Write
    If Err.Number <> 0 Then
      MsgBox "VBE error writing to ICMPSSW record " & icmp_id & ". ", vbCritical, "ERROR"
      atransection.Rollback
      Set icmpssw_file.Record = old_icmp_record
      icmpssw_file.UnlockFile
      adliadl_file.UnlockFile
      Exit Function
    End If
    On Error GoTo 0
    If icmpssw_file.Error <> 0 Then
      MsgBox "VBE error writing to ICMPSSW record " & icmp_id & ". ", vbCritical, "ERROR"
    End If
  End If
End Function

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    atransaction.Rollback
    Set icmpssw_file.Record = old_icmp_record
    icmpssw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
Set adliadl_file.Record = temp_adliadl_record
On Error Resume Next
adliadl_file.Write
If Err.Number <> 0 Then
    MsgBox "VBError writing to ADLIADL record " & icmp_id & ". ", vbCritical, "ERROR"
    atransaction.Rollback
    Set adliadl_file.Record = old_adliadl_record
    icmpssw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
On Error GoTo 0
If adliadl_file.Error <> 0 Then
    MsgBox "VBError writing to ADLIADL record " & icmp_id & ". ", vbCritical, "ERROR"
    atransaction.Rollback
    Set adliadl_file.Record = old_adliadl_record
    icmpssw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
'write the information back to referral
If assess_newflag = True Then
    new_assessment.Value(2, -1) = frmICMP.cmbAssess_id.Text
End If
On Error Resume Next
referral_file.WriteField 68, new_assessment.Field(2)
If Err.Number <> 0 Then
    MsgBox "VBError updating status of REFERRAL record " & referral_file.RecordId & "<148>. Cannot enroll candidate!", vbCritical, "ERROR"
    atransaction.Rollback
    Set adliadl_file.Record = old_adliadl_record
    adhcsw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
On Error GoTo 0
If referral_file.Error <> 0 Then
    MsgBox "UVError updating status of REFERRAL record " & referral_file.RecordId & "<148>. Cannot enroll candidate!", vbCritical, "ERROR"
    atransaction.Rollback
    Set adliadl_file.Record = old_adliadl_record
    adhcsw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
On Error Resume Next
atransaction.Commit
If Err.Number <> 0 Then
    MsgBox "VBError writing to ICMPSSW record " & icmp_id & ". ", vbCritical, "ERROR"
    atransaction.Rollback
    Set icmpssw_file.Record = old_icmp_record
    icmpssw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
On Error GoTo 0
If atransaction.Error <> 0 Then
    MsgBox "VBError writing to ICMPSSW record " & icmp_id & ". ", vbCritical, "ERROR"
    atransaction.Rollback
    Set icmpssw_file.Record = old_icmp_record
    icmpssw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
If clear_display Then
    Call cancel_icmp
End If
Else
    Exit Function
End If
Call cancel_icmp
Call update_referral_shared_info
MsgBox "Please save the referral record " & referral_file.RecordId & ". ", vbInformation, "Updated"
assess_newflag = False
save_icmp_record = True
'routine to save record
End Function

Function display_icmp_record(icmp_id As Variant) As Boolean
'returns false if cannot display icmp record,
Dim icmp_record As 1UvDynArray
Dim found As Boolean

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```

Dim referral_record As IUvDynArray
Set referral_record = referral_file.Record
display_icmp_record = True
icmpssw_file.RecordId = referral_file.RecordId & "" & icmp_id
icmp_id = icmpssw_file.RecordId
icmpssw_file.LockStrategy = EXCLUSIVE_UPDATE
icmpssw_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next
icmpssw_file.Read
If Err.Number <> 0 Then
    MsgBox "VBError reading ICMPSSW record "" & icmpssw_file.RecordId & "". Unable to display!", vbCritical, "VBERROR"
    display_icmp_record = False
    Exit Function
End If
On Error GoTo 0
If icmpssw_file.Error <> 0 Then
    MsgBox "UVErro reading ICMPSSW record "" & icmpssw_file.RecordId & "". Unable to display!", vbCritical, "UVErroR"
    display_icmp_record = False
    Exit Function
End If
Set icmp_record = icmpssw_file.Record
Dim adliadl_id As Variant
adliadl_id = icmp_id & "ICMP"
adliadl_file.RecordId = adliadl_id
adliadl_file.LockStrategy = EXCLUSIVE_UPDATE
adliadl_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next
adliadl_file.Read
Dim adliadl_flag As Boolean
adliadl_flag = True
If Err.Number <> 0 Then
    Set temp_adliadl_record = New CUvDynArray
    adliadl_flag = False
End If
On Error GoTo 0
If adliadl_file.Error <> 0 Then
    Set temp_adliadl_record = New CUvDynArray
    adliadl_flag = False
End If
If adliadl_flag Then
    Set temp_adliadl_record = adliadl_file.Record
End If
With frmICMP
    'assessment seq. No.
    If Val(icmp_record.Field(1)) = 1 Then
        .labelTitle.ForeColor = vbRed
        .labelTitle.Caption = "Initial"
    Else
        .labelTitle.ForeColor = vbBlue
        .labelTitle.Caption = "Reassessment"
    End If
    .txticmpdate.Text = session.Oconv(icmp_record.Field(180), "D4/")
    seq_no = icmp_record.Field(1)
    For i = Len(seq_no) To 6
        seq_no = "_" & seq_no
    Next i
    .medCntAsse.Text = seq_no
    .txtchart.Text = icmp_record.Field(175)
    For i = 0 To .cmbcharloc.ListCount - 1
        If Trim(session.Oconv(.cmbcharloc.List(i), "G0=1")) = icmp_record.Field(176) Then
            .cmbcharloc.Text = .cmbcharloc.List(i)
            .cmbcharloc.ListIndex = i
            Exit For
        End If
    Next i
    'date enrolled in case mangaeement
    the_date = session.Oconv(icmp_record.Field(2), "D4/")
    If the_date <> "" Then
        .medDateMana.Text = the_date
    Else
        .medDateMana.Text = blank_date
    End If
    'date of care plan
    the_date = session.Oconv(icmp_record.Field(3), "D4/")
    If the_date <> "" Then
        .medDateCP.Text = the_date
    Else
        .medDateCP.Text = blank_date
    End If
    'closed date
    the_date = session.Oconv(icmp_record.Field(4), "D4/")
    If the_date <> "" Then
        .medDateClose.Text = the_date
    Else
        .medDateClose.Text = blank_date
    End If
End With

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'discoltuance code
If icmp_record.Field(5) <> "" Then
    Dim item_num As Variant
    item_num = Val(icmp_record.Field(5))
    .optDcont(item_num).Value = True
End If
'evidence of indication of abuse
'abuse 0 for Yes 1 for No
If icmp_record.Field(10) = "Y" Then
    .chkAbusNeg(0).Value = 1
    .chkAbusNeg(1).Value = 0
Else
    .chkAbusNeg(1).Value = 1
    .chkAbusNeg(0).Value = 0
End If
the_date = session.Oconv(icmp_record.Field(11), "D4/")
If the_date <> "" Then
    .mebAbusNegl.Text = the_date
Else
    .mebAbusNegl.Text = blank_date
End If
.txtPSych(1).Text = icmp_record.Field(12)
'stuff code
seq_no = icmp_record.Field(15)
For i = Len(seq_no) To 3
    seq_no = "_" & seq_no
Next i
.medCode.Text = seq_no
'informal and formal support relationship
Call init_icmp_supp
Dim supp_cnt As Integer
'supp_cnt = referral_record.Field(126).count
Dim temp As IUvDynArray
Set temp = temp_formal_supp_record
supp_cnt = temp.Field(1).count
For i = 1 To supp_cnt
    If temp.Value(1, i) <> "D" Then
        .MSFlexGrid1(1).AddItem temp.Value(1, i) & Chr(9) & _
            temp.Value(2, i) & Chr(9) & _
            icmp_record.Value(22, i)
    Else
        .MSFlexGrid1(1).AddItem temp.Value(1, i)
        .MSFlexGrid1(1).RowHeight(.MSFlexGrid1(1).Rows - 1) = 0
    End If
Next i
'supp_cnt = referral_record.Field(130).count
Dim temp_info As IUvDynArray
Set temp_info = house_info_supp_record
supp_cnt = temp_info.Field(1).count
For i = 1 To supp_cnt
    If temp_info.Value(1, i) <> "D" Then
        .MSFlexGrid1(0).AddItem temp_info.Value(1, i) & Chr(9) & _
            temp_info.Value(2, i) & Chr(9) & _
            icmp_record.Value(18, i)
    Else
        .MSFlexGrid1(0).AddItem temp.Value(1, i)
        .MSFlexGrid1(0).RowHeight(.MSFlexGrid1(0).Rows - 1) = 0
    End If
Next i
.txtInfo.Text = icmp_record.Field(23).TextValue
'evidence problem
'0 memory; 1 orientation; 2 judgement; 3 anxiety; 4 combative, abusive; 5 depression
'6 delusions/hallucinations' 7 paranoid thinking; 8 wandering; 9 suicidal; 10 other
'11 dementia
For i = 0 To 6
    item_cnt = .cmbPsych(i).ListCount - 1
    For k = 0 To item_cnt
        If .cmbPsych(i).List(k) = icmp_record.Field(25 + (i * 2)) Then
            .cmbPsych(i).Text = icmp_record.Field(25 + (i * 2))
            .cmbPsych(i).ListIndex = k
        End If
    Next k
    .txtEvid(i).Text = icmp_record.Field(26 + (i * 2))
Next i
item_cnt = .cmbPsych(7).ListCount - 1
For i = 0 To item_cnt
    If .cmbPsych(7).List(i) = icmp_record.Field(41) Then
        .cmbPsych(7).ListIndex = i
        .cmbPsych(7).Text = icmp_record.Field(41)
        Exit For
    End If
Next i
.txtEvid(7).Text = icmp_record.Field(42)
item_cnt = .cmbPsych(8).ListCount - 1
For i = 0 To item_cnt
    If .cmbPsych(8).List(i) = icmp_record.Field(39) Then

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        .cmbPsych(8).ListIndex = i
        .cmbPsych(8).Text = icmp_record.Field(39)
    Exit For
End If
Next i
.txtEvid(8).Text = icmp_record.Field(40)
item_cnt = .cmbPsych(9).ListCount - 1
For i = 0 To item_cnt
    If .cmbPsych(9).List(i) = icmp_record.Field(44) Then
        .cmbPsych(9).ListIndex = i
        .cmbPsych(9).Text = icmp_record.Field(44)
    Exit For
End If
Next i
.txtEvid(9).Text = icmp_record.Field(45)
item_cnt = .cmbPsych(10).ListCount - 1
For i = 0 To item_cnt
    If .cmbPsych(10).List(i) = icmp_record.Field(48) Then
        .cmbPsych(10).ListIndex = i
        .cmbPsych(10).Text = icmp_record.Field(48)
    Exit For
End If
Next i
.txtEvid(10).Text = icmp_record.Field(49)
item_cnt = .cmbPsych(11).ListCount - 1
For i = 0 To item_cnt
    If .cmbPsych(11).List(i) = icmp_record.Field(46) Then
        .cmbPsych(11).ListIndex = i
        .cmbPsych(11).Text = icmp_record.Field(46)
    Exit For
End If
Next i
.txtEvid(11).Text = icmp_record.Field(47)
.adaptive coping skills
.txtProb.Text = icmp_record.Field(50)
.has client experienced any significant event
.txtEvenChar.Text = icmp_record.Field(58)
.living arrange
'0 paid by IHSS; 1 emergency response sys
'2 spouse; 3 child; 4 other
If referral_record.Field(141) = "SPOUSE" Then
If temp_living_record.Field(1) = "SPOUSE" Then
    .chkLArng(2).Value = 1
Else
    If referral_record.Field(141) = "CHILD" Then
    If temp_living_record.Field(1) = "CHILD" Then
        .chkLArng(3).Value = 1
    Else
        If temp_living_record.Field(1) <> "" Then
            .chkLArng(4).Value = 1
        End If
    End If
End If
.txtProbLiveArra.Text = icmp_record.Field(59)
If referral_record.Field(142) = "Y" Then
If temp_living_record.Field(2) = "Y" Then
    .chkLArng(0).Value = 1
End If
If referral_record.Value(65, 6) = "HAS" Then
If temp_equipment_record.Value(1, 6) = "HAS" Then
    .chkLArng(1).Value = 1
End If
.residence
item_cnt = .cmbRedn.ListCount - 1
For i = 0 To item_cnt
    If .cmbRedn.List(i) = icmp_record.Field(60) Then
        .cmbRedn.ListIndex = i
        .cmbRedn.Text = icmp_record.Field(60)
    Exit For
End If
Next i
'IHSS's hours
'IHSS HOURS WAITING FOR MODIFICATION
.UpDown1.Value = Val(session.Oconv(temp_living_record.Field(3), "G0.1"))
.mebLArng.Text = .UpDown1.Value
.updIHSSDec.Value = Val(session.Oconv(temp_living_record.Field(3), "G1.1"))
.mebIHSSDec.Text = .updIHSSDec.Value
.anyproblems related to client's residence
.txtredn.Text = icmp_record.Field(61)
.subsized
If referral_record.Field(133) = "Y" Then
If temp_living_record.Field(10) = "Y" Then
    .Check5.Value = 1
End If
'client's major health problems/Dx
.txtMajorProb.Text = icmp_record.Field(62)

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'how often is physician seen
.txtSeenPhys.Text = icmp_record.Field(63)
'height
If Trim(icmp_record.Field(64)) = "" Then
Else
.mebHigh.Text = icmp_record.Field(64) & "" & icmp_record.Field(65) & ""
End If
'weight
seq_no = icmp_record.Field(66)
For i = Len(seq_no) To 2
seq_no = "_" & seq_no
Next i
.mebWeight.Text = seq_no
'measured by
If icmp_record.Field(67) = "DOCTOR" Then
.chkHWCInt(1).Value = 1
Else
If icmp_record.Field(68) = "CLIENT" Then
.chkHWCInt(0).Value = 1
End If
End If
'measured date
the_date = session.Oconv(icmp_record.Field(68), "D4")
If the_date <> "" Then
.medClientDate.Text = the_date
Else
.medClientDate.Text = blank_date
End If
'lost or gained weight
If icmp_record.Field(78) = "Y" Then
.chkweight.Value = 1
Else
.chkweight.Value = 0
End If
seq_no = icmp_record.Field(69)
For i = Len(seq_no) To 1
seq_no = "_" & seq_no
Next i
.mebLost.Text = seq_no
seq_no = icmp_record.Field(70)
For i = Len(seq_no) To 1
seq_no = "_" & seq_no
Next i
.mebGain.Text = seq_no
'has client fallen and frequency
If icmp_record.Field(71) = "Y" Then
.chkFallen(0).Value = 1
Else
If icmp_record.Field(71) = "N" Then
.chkFallen(1).Value = 1
End If
End If
.txtFall.Text = icmp_record.Field(72)
'assistive devices used by client?
.txtDevice.Text = icmp_record.Field(73)
'hospitalized
If icmp_record.Field(74) = "Y" Then
.chkHosp(0).Value = 1
Else
If icmp_record.Field(74) = "N" Then
.chkHosp(1).Value = 1
End If
End If
.txtHosp.Text = icmp_record.Field(75)
'nursing facility
If icmp_record.Field(76) = "Y" Then
.chkNuring(0).Value = 1
Else
If icmp_record.Field(76) = "N" Then
.chkNuring(1).Value = 1
End If
End If
.txtNuring.Text = icmp_record.Field(77)
'the client have problems in these doing activities?
'0 vision; 1 hearing; 2 speech; 3 dental; 4 swallowing
'5 elimination; 6 feet; 7 short of breath; 8 pain
'9 pain; 10 paralysis; 11 amputation; 12 recent infection
'12 allergies; 13 substance abuse; 14 mental illness
For i = 0 To 14
If icmp_record.Field(85 + (i * 2)) = "Y" Then
.chkDoingYes(i).Value = 1
.chkDoingNo(i).Value = 0
Else
.chkDoingNo(i).Value = 1
.chkDoingYes(i).Value = 0
End If

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.txtDoingAct(i).Text = icmp_record.Field(86 + (i * 2))
Next i
'special diet
'0 yes, 1 no for special diet; 2 yes, 2 yes, 3 no for RX
If icmp_record.Field(120) = "Y" Then
.chkDiet(0).Value = 1
Else
If icmp_record.Field(120) = "N" Then
.chkDiet(1).Value = 1
End If
End If
If icmp_record.Field(121) = "Y" Then
.chkDiet(2).Value = 1
Else
If icmp_record.Field(121) = "N" Then
.chkDiet(3).Value = 1
End If
End If
.txtDiet.Text = icmp_record.Field(122)
'reassessment summary
For i = 0 To 12
comment(i) = icmp_record.Field(150 + i)
Next i
.optReassessment(0).Value = True
.txtReassessComment.Text = icmp_record.Field(150).TextValue
'medication
Set old_medication_record = medication_record
If icmp_record.Value(165, 1) <> "" Then
Call copy_dynarray(icmp_record, medication_record, 165, 172, 1)
End If
'client name
.opt_index = Val(referral_record.Field(144))
opt_index = Val(temp_living_record.Field(20))
.optIncome(opt_index).Value = True
'opt_index = Val(referral_record.Field(145))
opt_index = Val(temp_living_record.Field(21))
.optEduc(opt_index).Value = True
.txtClientName = frm_patient.txtname & " " & frm_patient.txtmiddle_name & " " & frm_patient.txtfirst_name
.cmbAssess_id.Enabled = False
.medClntAsse.Enabled = False
.mnuUpdate.Enabled = True
.mnuAction.Enabled = True
.mnuNewassessment.Enabled = False
.mnuReport.Enabled = True
End With
End Function
Sub display_icmp_shared_information()
With frmICMP
'informal and formal support relationship
Call init_icmp_supp
Dim supp_cnt As Integer
Dim temp As IUvDynArray
Set temp = temp_formal_supp_record
'supp_cnt = referral_record.Field(128).count
supp_cnt = temp.Field(1).count
For i = 1 To supp_cnt
If temp.Value(1, i) <> "D" Then
.MSFlexGrid(1).AddItem temp.Value(1, i) & Chr(9) & _
temp.Value(2, i)
Else
.MSFlexGrid(1).AddItem temp.Value(1, i)
.MSFlexGrid(1).RowHeight(.MSFlexGrid(1).Rows - 1) = 0
End If
Next i
'supp_cnt = referral_record.Field(130).count
Dim temp_info As IUvDynArray
Set temp_info = house_info_supp_record
supp_cnt = temp_info.Field(1).count
For i = 1 To supp_cnt
If temp_info.Value(1, i) <> "D" Then
.MSFlexGrid(0).AddItem temp_info.Value(1, i) & Chr(9) & _
temp_info.Value(2, i)
Else
.MSFlexGrid(0).AddItem temp_info.Value(1, i)
.MSFlexGrid(0).RowHeight(.MSFlexGrid(0).Rows - 1) = 0
End If
Next i
'If referral_record.Field(141) = "SPOUSE" Then
'If temp_living_record.Field(1) = "SPOUSE" Then
.chkLArrg(2).Value = 1
Else
'If referral_record.Field(141) = "CHILD" Then
'If temp_living_record.Field(1) = "CHILD" Then
.chkLArrg(3).Value = 1
Else

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        If temp_living_record.Field(1) <> "" Then
            .chkLArng(4).Value = 1
        End If
    End If
End If
If temp_living_record.Field(2) = "Y" Then
    .chkLArng(0).Value = 1
End If
If referral_record.Value(65, 6) = "HAS" Then
If temp_equipment_record.Value(1, 6) = "HAS" Then
    .chkLArng(1).Value = 1
End If
'residence
'IHSS's hours
'IHSS HOURS WAITING FOR MODIFICATION
.UpDown1.Value = Val(session.Oconv(temp_living_record.Field(3), "G0.1"))
.mebLArng.Text = .UpDown1.Value
.updIHSSDec.Value = Val(session.Oconv(temp_living_record.Field(3), "G1.1"))
.mebIHSSDec.Text = .updIHSSDec.Value
If temp_living_record.Field(10) = "Y" Then
    .Check5.Value = 1
End If
'opt_index = Val(referral_record.Field(144))
'opt_index = Val(temp_living_record.Field(20))
.optIncome(opt_index).Value = True
'opt_index = Val(referral_record.Field(145))
'opt_index = Val(temp_living_record.Field(21))
.optEduc(opt_index).Value = True
.txtClientName = frm_patient.txtname & " " & frm_patient.txtmiddle_name & " " & frm_patient.txtfirst_name
End With
End Sub
Sub cancel_icmp()
Call clear_ICMP
With frmICMP
    .SSTab1.Tab = 0
    .cmbAssess_id.Enabled = True
    .medCintAsse.Enabled = True
    .mnuUpdate.Enabled = False
    .mnuAction.Enabled = False
    .mnuNewassessment.Enabled = True
    .mnuReport.Enabled = False
End With
icmpssw_file.UnlockFile
icmpssw_file.CloseFile
adliadl_file.UnlockFile
adliadl_file.CloseFile
If error_opening(icmpssw_file, "ICMPSSW") Then
    MsgBox "Error canceling ICMP. Ending program.", vbCritical, "Error...ending program."
End
Else
End If
If error_opening(adliadl_file, "ADLIADL") Then
    MsgBox "Error canceling ADLIADL in ICMP. Ending program.", vbCritical, "Error...ending program."
End
Else
End If
End Sub
Sub clear_ICMP()
With frmICMP
    .LabelTitle.Caption = ""
    'assessment seq. No.
    .medCintAsse.Text = " _____ "
    'assessment date
    .txticmpdate.Text = ""
    'date enrolled in case mangagement
    .medDateMana.Text = blank_date
    'date of care plan
    .medDateCP.Text = blank_date
    'closed date
    .medDateClose.Text = blank_date
    'discotiuance code
    For i = 0 To .optDcont.count - 1
        .optDcont(i).Value = False
    Next i
    'evidence of indication of abuse
    'abuse 0 for Yes 1 for No
    For i = 0 To 1
        .chkAbusNegl(i).Value = 0
    Next i
    .mebAbusNegl.Text = blank_date
    .txtPSych(1).Text = ""
    'staff code
    .medCode.Text = " _____ "
    'informal and formal support relationship
    .MSFlexGrid1(0).Clear

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.MSFlexGrid1(1).Clear
Call init_icmp_supp
'evidence problem
'0 memory; 1 orientation; 2 judgement; 3 anxiety; 4 combative, abusive; 5 depression
'6 delusions/hallucinations' 7 paranoid thinking; 8 wandering; 9 suicidal; 10 other
'11 dementia
For i = 0 To 11
  .cmbPsych(i).ListIndex = -1
  .cmbPsych(i).Text = ""
  .txtEvid(i).Text = ""
Next i
'adaptive coping skills
.txtProb.Text = ""
'has client experienced any significant event
.txtEvenChar.Text = ""
'anyproblems realted to client's residence
.txtProbLiveArra.Text = ""
'client's major health problems/Dx
.txtMajorProb.Text = ""
'how often is physician seen
.txtSeenPhys.Text = ""
'height
.mebHigh.Text = " ___ ""
'weight
.mebWeight.Text = " ___ "
'measured by
For i = 0 To 1
  .chkHWClnt(i).Value = 0
Next i
'measured date
.medClientDate.Text = blank_date
'lost or gained weight
.mebLost.Text = " ___ "
.mebGain.Text = " ___ "
'has client fallen and frequency
.chkFallen(0).Value = 0
.chkFallen(1).Value = 0
.txtFall.Text = ""
'assistive devices used by client?
.txtDevice.Text = ""
'hospitalized
.chkHosp(0).Value = 0
.chkHosp(1).Value = 0
.txtHosp.Text = ""
'nursing facility
.chkNuring(0).Value = 0
.chkNuring(1).Value = 0
.txtNuring.Text = ""
'the client have problems in these doing activities?
'0 vision; 1 hearing; 2 speech; 3 dental; 4 swallowing
'5 elimination; 6 feet; 7 short of breath; 8 pain
'9 pain; 10 paralysis; 11 amputation; 12 recent infection
'12 allergies; 13 substance abuse; 14 mental illness
For i = 0 To 14
  .chkDoingNo(i).Value = 0
  .chkDoingYes(i).Value = 0
  .txtDoingActi(i).Text = ""
Next i
'special diet
For i = 0 To 3
  .chkDiet(i).Value = 0
Next i
.txtDiet.Text = ""
'residence
.cmbRedn.ListIndex = -1
.cmbRedn.Text = ""
'anyproblems realted to client's residence
.txtredn.Text = ""
'subsize
.Check5.Value = 0
'living arrange
'0 paid by IHSS; 1 emergency response sys
'2 spouse; 3 child; 4 other
For i = 0 To 4
  .chkLArng(i).Value = 0
Next i
'IHSS HOURS WAITING FOR MODIFICATION
.UpDown1.Value = 0
.updIHSSDec.Value = 0
.mebLArng.Text = .UpDown1.Value
.mebIHSSDec.Text = .updIHSSDec.Value
.txtProbLiveArra.Text = ""
.txtInfo.Text = ""
'client name
.txtClntName = frm_patient.txtname & " " & frm_patient.txtmiddle_name & " " & frm_patient.txtfirst_name
Call init_icmp_supp

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With frmCMP.cmbAssess_id
.Clear
assess_cnt = new_assessment.Field(2).count
For i = 1 To assess_cnt
.AddItem new_assessment.Value(2, i)
Next i
End With
'initial the location list
Dim location_record As IUvDynArray
With frmCMP.cmbcharloc
.Clear
If session.IsActive Then
Set Location_list = session.SelectList(0)
Location_list.ClearList
session.Command.Text = "SELECT LAB WITH NAME >= ""HEALTHCARE HEALTH SERVICES"" AND <= ""HEALTHCARE HEALTH SERVICES-
PACE PROGRAM"" OR NAME = ""MSSP-POMONA""
On Error Resume Next
session.Command.Exec
If session.Error <> 0 Then
MsgBox "UVError selecting LAB items!", vbCritical, "UVEERROR"
Exit Sub
End If
lab_file.RecordId = Location_list.Next
Do While Not Location_list.LastRecordRead
lab_file.Read
If lab_file.Error <> 0 Then
MsgBox "UVError reading location record " & Location_file.RecordId & ", vbCritical, "UVError"
End If
loclen = 5 - Len(lab_file.RecordId)
If loclen = 0 Then
locnum = lab_file.RecordId & "="
Else
locnum = lab_file.RecordId & Space(loclen) & "="
End If
Set location_record = lab_file.Record
If CStr(location_record.Field(1)) Like "HEALTHCARE" Then
If CStr(location_record.Field(1)) Like "HEALTHCARE HEALTH SERVICES-" Then
locdesc = session.Oconv(location_record.Field(1), "G1-1")
Else
locdesc = session.Oconv(location_record.Field(1), "G3 1")
End If
Else
locdesc = location_record.Field(1)
End If
.AddItem locnum & locdesc
lab_file.RecordId = Location_list.Next
Loop
.AddItem "I = ICMP PROGRAM"
Else
MsgBox "Error reading LAB file! Ending program!", vbCritical, "ERROR"
End
End If
End With
'income
For i = 0 To 7
.optIncome(i).Value = False
Next i
'education level
For i = 0 To 11
.optEduc(i).Value = False
Next i
'reassessment summary
.optReassessment(0).Value = True
For i = 0 To 12
comment(i) = ""
Next i
.txtReassessComment.Text = ""
.txtchart.Text = ""
.cmbcharloc.ListIndex = -1
End With
End Sub

Sub init_icmp_supp()
'assessment evaluate number

With frmCMP
For i = 0 To 1
.MSFlexGrid1(i).Rows = 2
.MSFlexGrid1(i).Cols = 3
.MSFlexGrid1(i).ColWidth(0) = 1500
.MSFlexGrid1(i).ColWidth(1) = 1000
.MSFlexGrid1(i).ColWidth(2) = 6000
.MSFlexGrid1(i).TextMatrix(0, 0) = "Name"
.MSFlexGrid1(i).TextMatrix(0, 1) = "Relationship"
.MSFlexGrid1(i).TextMatrix(0, 2) = "Describe support Provided, Problems, Quality"
.MSFlexGrid1(i).Rows = 1

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Next
End With
End Sub

'routines for MSSP
Function check_mssp() As Boolean
'routine to check for valid data in MSSP
Dim opt_cnt As Integer
If assess_newflag = False Then
Set new_mssp_record = New CUVDynArray
Else
Set new_mssp_record = msspssw_file.Record
End If
'set check_save_data = False, set to true if makes it through
'all checks
check_mssp = False
With frmMssp
'assessment date
thedata = session.Iconv(Trim(.txtmsspdate.Text), "D4/")
If thedate = "" Then
MsgBox "Assessment date is a required field!", vbCritical, "Required Field!"
.SSTab1.Tab = 0
.txtmsspdate.SetFocus
Exit Function
End If
new_mssp_record.Field(180) = thedate
'staff code
staff_Code = Trim(.txtGeni(0))
If staff_Code <> "" And IsNumeric(staff_Code) Then
new_mssp_record.Field(15) = staff_Code
Else
MsgBox "Staff code is a required field!", vbCritical, "Required Field!"
.txtGeni(0).SetFocus
Exit Function
End If
If .chkFam1(0).Value = 1 And .chkFam1(1).Value = 1 Then
MsgBox "Only one of 'Yes' and 'No' can be true !", vbCritical, "Required Field!"
.chkFam1(0).SetFocus
Exit Function
End If
If .chkPsych(0).Value = 1 And .chkPsych(1).Value = 1 Then
MsgBox "Only one of 'Yes' and 'No' can be true !", vbCritical, "Required Field!"
.chkFam1(0).SetFocus
Exit Function
End If
If IsNumeric(.mebFmal.Text) = False Then
MsgBox "IHHS hours is a numeric field!", vbCritical, "Required Field!"
.mebFmal.SetFocus
Exit Function
End If
'char number
If IsNumeric(Trim(.txtchart.Text)) Then
If Val(Trim(.txtchart.Text)) > 99999 Then
MsgBox "Chart Number is a five-digits numeric field!", vbCritical, "Five-Digits numeric Field!"
.SSTab1.Tab = 0
.txtchart.SetFocus
Exit Function
End If
Else
MsgBox "Chart Number is a numeric required field!", vbCritical, "Required Field!"
.SSTab1.Tab = 0
.txtchart.SetFocus
Exit Function
End If
If .cmbcharloc.Text = "" Then
MsgBox "Chart Location is a required field!", vbCritical, "Required Field!"
.SSTab1.Tab = 0
.cmbcharloc.SetFocus
Exit Function
End If
new_mssp_record.Field(170) = Trim(.txtchart.Text)
new_mssp_record.Field(171) = Trim(session.Oconv(.cmbcharloc.Text, "G0=1"))
'4 assessment number
new_mssp_record.Field(1) = .txtGeni(4).Text
'IHSS comments
new_mssp_record.Field(3) = .txtFmal(0).Text
'1 transportation
'2 meals comments
'3 day care comments
'4 other1 comments
'5 other2 comments
For i = 1 To 5
new_mssp_record.Field(i + 3) = .txtFmal(i).Text
Next i
'3 porblem climbong stairs to enter or leave the house
new_mssp_record.Field(9) = .txtGeni(3).Text

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'1 description of abuses
new_mssp_record.Field(12) = .txtPSych(1).Text
'0 staff code
new_mssp_record.Field(15) = .txtGenl(0).Text
'evidence problem
'0 momery; 1 orientation
'2 judgement; 3 anxiety
For i = 0 To 3
    new_mssp_record.Field(25 + (i * 2)) = .cmbPsych(i).Text
    new_mssp_record.Field(26 + (i * 2)) = .txtEvid(i).Text
Next i
'6 combative
new_mssp_record.Field(33) = .cmbPsych(6).Text
new_mssp_record.Field(34) = .txtEvid(6).Text
'4 depression
new_mssp_record.Field(35) = .cmbPsych(4).Text
new_mssp_record.Field(36) = .txtEvid(4).Text
'7 delusions
new_mssp_record.Field(37) = .cmbPsych(7).Text
new_mssp_record.Field(38) = .txtEvid(7).Text
'5 wandering
new_mssp_record.Field(39) = .cmbPsych(5).Text
new_mssp_record.Field(40) = .txtEvid(5).Text
'8 paranoid;
new_mssp_record.Field(41) = .cmbPsych(8).Text
new_mssp_record.Field(42) = .txtEvid(8).Text
'9 suicidal
new_mssp_record.Field(44) = .cmbPsych(9).Text
new_mssp_record.Field(45) = .txtEvid(9).Text
'10 other
new_mssp_record.Field(48) = .cmbPsych(10).Text
new_mssp_record.Field(49) = .txtEvid(10).Text
'adaptive coping skills
new_mssp_record.Field(50) = .txtProb.Text
'0 other notes
new_mssp_record.Field(51) = .txtPSych(0).Text
'2 significant activities
new_mssp_record.Field(58) = .txtGenl(2).Text
'describe living arrangement 59
'
'1 occupational history
new_mssp_record.Field(60) = .txtGenl(1).Text
'1 does client have a conservator/substitute
new_mssp_record.Field(61) = .txtFina(1).Text
'0 who viists the client and how often
new_mssp_record.Field(62) = .txtFamI(0).Text
'1 how often does client leave the house and where
new_mssp_record.Field(63) = .txtFamI(1).Text
'is there an apartment manager or neighbor
If .chkFamI(0).Value = 1 Then
    new_mssp_record.Field(64) = "Y"
Else
    new_mssp_record.Field(64) = "N"
End If
'2 name of apartment manager or neighbor
new_mssp_record.Field(65) = .txtFamI(2).Text
'the phone of apartment manager or neighbor
thephone = .mebFamI.FormattedText
If thephone = blank_phone2 Then
    thephone = ""
End If
new_mssp_record.Field(66) = thephone
'0 how is client managing financially
new_mssp_record.Field(67) = .txtFina(0).Text
'2 who provided assessment information
new_mssp_record.Field(68) = .txtPSych(2).Text
'3 reliability
new_mssp_record.Field(69) = .txtPSych(3).Text
'assessment conducted in client's home
If .chkPSych(0).Value = 1 Then
    new_mssp_record.Field(70) = "Y"
Else
    new_mssp_record.Field(70) = "N"
End If
'4 if assessment not conduct at home, where
new_mssp_record.Field(71) = .txtPSych(4).Text
'reassessment summary
For i = 0 To 12
    new_mssp_record.Field(150 + i) = comment(i)
Next i
'problem identified
new_mssp_record.Field(163) = .txtProblident.Text
'assessment date
new_mssp_record.Field(180) = session.Iconv(Trim(.txtmsspdate.Text), "D4/")
'informal and formal support relationship
Dim supp_cnt As Integer

```

```

supp_cnt = .msginfo.Rows - 1
For i = 1 To supp_cnt
    house_info_supp_record.Value(1, i) = .msginfo.TextMatrix(i, 0)
    house_info_supp_record.Value(2, i) = .msginfo.TextMatrix(i, 1)
    new_mssp_record.Value(18, i) = .msginfo.TextMatrix(i, 2)
    If i = 1 Then
        house_info_supp_record.Value(9, 1) = "Y"
    Else
        house_info_supp_record.Value(9, i) = "N"
    End If
Next i
supp_cnt = .msgformal.Rows - 1
For i = 1 To supp_cnt
    temp_formal_supp_record.Value(1, i) = .msgformal.TextMatrix(i, 0)
    temp_formal_supp_record.Value(2, i) = .msgformal.TextMatrix(i, 1)
    new_mssp_record.Value(22, i) = .msgformal.TextMatrix(i, 2)
Next i

temp_living_record.Field(3) = .mebFmal.Text
If .optStair(0).Value = True Then
    temp_living_record.Field(43) = "Y"
Elseif .optStair(1).Value = True Then
    temp_living_record.Field(43) = "N"
End If
End With
check_mssp = True 'if get to this point, then all data okay
End Function

Function save_mssp_record(clear_display As Boolean) As Boolean
    Dim old_mssp_record As IUvDynArray 'used to save a copy of the current
        'referral record before changes
    Dim old_adliadl_record As IUvDynArray
    Set old_mssp_record = msspssw_file.Record
    save_mssp_record = False
    'check the connection is alive or not
    If Not session.IsActive Then
        frmMssp.Visible = False
        Call reconnect
        frmMssp.Visible = True
    End If
    If check_mssp Then
        mssp_id = msspssw_file.RecordId
        Set atranaction = session.Transaction
        atranaction.Start
        Set msspssw_file.Record = new_mssp_record
        On Error Resume Next
        msspssw_file.Write
        If Err.Number <> 0 Then
            MsgBox "VBEError writing to MSSPSSW record " & mssp_id & ". ", vbCritical, "ERROR"
            atranaction.Rollback
            Set msspssw_file.Record = old_mssp_record
            msspssw_file.UnlockFile
            adliadl_file.UnlockFile
            Exit Function
        End If
        On Error GoTo 0
        If msspssw_file.Error <> 0 Then
            MsgBox "VBEError writing to MSSPSSW record " & mssp_id & ". ", vbCritical, "ERROR"
            atranaction.Rollback
            Set msspssw_file.Record = old_mssp_record
            msspssw_file.UnlockFile
            adliadl_file.UnlockFile
            Exit Function
        End If
        Set adliadl_file.Record = temp_adliadl_record
        On Error Resume Next
        adliadl_file.Write
        If Err.Number <> 0 Then
            MsgBox "VBEError writing to ADLIADL record " & mssp_id & ". ", vbCritical, "ERROR"
            atranaction.Rollback
            Set adliadl_file.Record = old_adliadl_record
            msspssw_file.UnlockFile
            adliadl_file.UnlockFile
            Exit Function
        End If
        On Error GoTo 0
        If adliadl_file.Error <> 0 Then
            MsgBox "VBEError writing to ADLIADL record " & mssp_id & ". ", vbCritical, "ERROR"
            atranaction.Rollback
            Set adliadl_file.Record = old_adliadl_record
            msspssw_file.UnlockFile
            adliadl_file.UnlockFile
            Exit Function
        End If
    End If
    If assess_newflag = True Then
        new_assessment.Value(3, -1) = frmMssp.cmbAssess_id.Text
    End If
End Function

```

```

End If
On Error Resume Next
referral_file.WriteField 69, new_assessment.Field(3)
If Err.Number <> 0 Then
    MsgBox "VBEError updating status of REFERRAL record " & referral_file.RecordId & "<148>. Cannot enroll candidate!", vbCritical, "ERROR"
    atransaction.Rollback
    Set adliadl_file.Record = old_adliadl_record
    adhcssw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
On Error GoTo 0
If referral_file.Error <> 0 Then
    MsgBox "UVEError updating status of REFERRAL record " & referral_file.RecordId & "<148>. Cannot enroll candidate!", vbCritical, "ERROR"
    atransaction.Rollback
    Set adliadl_file.Record = old_adliadl_record
    adhcssw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
On Error Resume Next
atransaction.Commit
If Err.Number <> 0 Then
    MsgBox "VBEError writing to MSSPSSW record " & mssp_id & ".", vbCritical, "ERROR"
    atransaction.Rollback
    Set msspssw_file.Record = old_mssp_record
    msspssw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
On Error GoTo 0
If atransaction.Error <> 0 Then
    MsgBox "VBEError writing to MSSPSSW record " & mssp_id & ".", vbCritical, "ERROR"
    atransaction.Rollback
    Set msspssw_file.Record = old_mssp_record
    msspssw_file.UnlockFile
    adliadl_file.UnlockFile
    Exit Function
End If
If clear_display Then
    Call cancel_mssp
End If
Else
    Exit Function
End If
Call cancel_mssp
Call update_referral_shared_info
MsgBox "Please save the referral record " & referral_file.RecordId & ".", vbInformation, "Updated"
assess_newflag = False
save_mssp_record = True
'routine to save record
End Function

```

```

Function display_mssp_record(mssp_id As Variant) As Boolean
'returns false if cannot display mssp record,
Dim mssp_record As IUvDynArray
Dim found As Boolean
Dim referral_record As IUvDynArray
Dim mssp_record As IUvDynArray
Set referral_record = referral_file.Record
display_mssp_record = True
msspssw_file.RecordId = referral_file.RecordId & "" & mssp_id
mssp_id = msspssw_file.RecordId
msspssw_file.LockStrategy = EXCLUSIVE_UPDATE
msspssw_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next
msspssw_file.Read
If Err.Number <> 0 Then
    MsgBox "VBEError reading MSSPSSW record " & msspssw_file.RecordId & ". Unable to display!", vbCritical, "VBERROR"
    display_mssp_record = False
    Exit Function
End If
On Error GoTo 0
If msspssw_file.Error <> 0 Then
    MsgBox "UVEError reading MSSPSSW record " & msspssw_file.RecordId & ". Unable to display!", vbCritical, "UVEERROR"
    display_mssp_record = False
    Exit Function
End If
Set mssp_record = msspssw_file.Record
Dim adliadl_id As Variant
adliadl_id = mssp_id & "MSSP"
adliadl_file.RecordId = adliadl_id
adliadl_file.LockStrategy = EXCLUSIVE_UPDATE
adliadl_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next

```



```

adliadl_file.Read
Dim adliadl_flag As Boolean
adliadl_flag = True
If Err.Number <> 0 Then
    Set temp_adliadl_record = New CUvDynArray
    adliadl_flag = False
End If
On Error GoTo 0
If adliadl_file.Error <> 0 Then
    Set temp_adliadl_record = New CUvDynArray
    adliadl_flag = False
End If
If adliadl_flag Then
    Set temp_adliadl_record = adliadl_file.Record
End If
mssprn_file.RecordId = msspssw_file.RecordId
On Error Resume Next
mssprn_file.Read
Dim mssprn_flag As Boolean
mssprn_flag = True
If Err.Number <> 0 Then
    MsgBox "VbError reading Medication and Diagnosis record from Nurse Assesment. Display the lastest record medication instead!", vbCritical,
"VBERROR"
    mssprn_flag = False
End If
On Error GoTo 0
If mssprn_file.Error <> 0 Then
    MsgBox "VbError reading Medication and Diagnosis record from the current Nurse Assesment. Display the lastest medication record instead!",
vbCritical, "VBERROR"
    mssprn_flag = False
End If
If mssprn_flag Then
    Set mssprn_record = mssprn_file.Record
    Set old_medication_record = medication_record
    Set medication_record = New CUvDynArray
    'copy the information
    'medication
End If
With frmMssp
    '4 assessment number
    .txtGen(4).Text = mssp_record.Field(1)
    'chat number
    .txtchart.Text = mssp_record.Field(170)
    For i = 0 To .cmbcharloc.ListCount - 1
        If Trim(session.Oconv(.cmbcharloc.List(i), "G0=1")) = mssp_record.Field(171) Then
            .cmbcharloc.Text = .cmbcharloc.List(i)
            .cmbcharloc.ListIndex = i
            Exit For
        End If
    Next i
    'HSS comments
    .txtFmal(0).Text = mssp_record.Field(3).TextValue
    '1 transportation
    '2 meals comments
    '3 day care comments
    '4 other1 comments
    '5 other2 comments
    For i = 1 To 5
        .txtFmal(i).Text = mssp_record.Field(i + 3).TextValue
    Next i
    '3 porblem climbong stairs to enter or leave the house
    .txtGen(3).Text = mssp_record.Field(9).TextValue
    '1 description of abuses
    .txtPSych(1).Text = mssp_record.Field(12).TextValue
    '0 staff code
    .txtGen(0).Text = mssp_record.Field(15)
    'evidence problem
    '0 momery; 1 orientation
    '2 judgement; 3 anxiety
    For i = 0 To 3
        item_cnt = .cmbPsych(i).ListCount - 1
        For k = 0 To item_cnt
            If .cmbPsych(i).List(k) = mssp_record.Field(25 + (i * 2)) Then
                .cmbPsych(i).Text = mssp_record.Field(25 + (i * 2))
                .cmbPsych(i).ListIndex = k
            End If
        Next k
        .txtEvid(i).Text = mssp_record.Field(26 + (i * 2))
    Next i
    '6 combative
    item_cnt = .cmbPsych(6).ListCount - 1
    For i = 0 To item_cnt
        If .cmbPsych(6).List(i) = mssp_record.Field(33) Then
            .cmbPsych(6).Text = mssp_record.Field(33)
            .cmbPsych(6).ListIndex = i
        End If
    End If

```

```

Next i
.txtEvid(6).Text = mssp_record.Field(34)
'4 depression
item_cnt = .cmbPsych(4).ListCount - 1
For i = 0 To item_cnt
  If .cmbPsych(4).List(i) = mssp_record.Field(35) Then
    .cmbPsych(4).Text = mssp_record.Field(35)
    .cmbPsych(4).ListIndex = i
  End If
End If
Next i
.txtEvid(4).Text = mssp_record.Field(36)
'7 delusions
item_cnt = .cmbPsych(7).ListCount - 1
For i = 0 To item_cnt
  If .cmbPsych(7).List(i) = mssp_record.Field(37) Then
    .cmbPsych(7).Text = mssp_record.Field(37)
    .cmbPsych(7).ListIndex = i
  End If
End If
Next i
.txtEvid(7).Text = mssp_record.Field(38)
'5 wandering
item_cnt = .cmbPsych(5).ListCount - 1
For i = 0 To item_cnt
  If .cmbPsych(5).List(i) = mssp_record.Field(39) Then
    .cmbPsych(5).Text = mssp_record.Field(39)
    .cmbPsych(5).ListIndex = i
  End If
End If
Next i
.txtEvid(5).Text = mssp_record.Field(40)
'8 paranoid;
item_cnt = .cmbPsych(8).ListCount - 1
For i = 0 To item_cnt
  If .cmbPsych(8).List(i) = mssp_record.Field(41) Then
    .cmbPsych(8).Text = mssp_record.Field(41)
    .cmbPsych(8).ListIndex = i
  End If
End If
Next i
.txtEvid(8).Text = mssp_record.Field(42)
'9 suicidal
item_cnt = .cmbPsych(9).ListCount - 1
For i = 0 To item_cnt
  If .cmbPsych(9).List(i) = mssp_record.Field(44) Then
    .cmbPsych(9).Text = mssp_record.Field(44)
    .cmbPsych(9).ListIndex = i
  End If
End If
Next i
.txtEvid(9).Text = mssp_record.Field(45)
'10 other
item_cnt = .cmbPsych(10).ListCount - 1
For i = 0 To item_cnt
  If .cmbPsych(10).List(i) = mssp_record.Field(48) Then
    .cmbPsych(10).Text = mssp_record.Field(48)
    .cmbPsych(10).ListIndex = i
  End If
End If
Next i
.txtEvid(10).Text = mssp_record.Field(49)
'adaptive coping skills
.txtProb.Text = mssp_record.Field(50).TextValue
'0 other notes
.txtPsych(0).Text = mssp_record.Field(51).TextValue
'2 significant activities
.txtGenl(2).Text = mssp_record.Field(58).TextValue
'describe living arrangement 59
'
'1 occupational history
.txtGenl(1).Text = mssp_record.Field(60).TextValue
'1 does client have a conservator/substitute
.txtFina(1).Text = mssp_record.Field(61).TextValue
'0 who visits the client and how often
.txtFam1(0).Text = mssp_record.Field(62).TextValue
'1 how often does client leave the house and where
.txtFam1(1).Text = mssp_record.Field(63).TextValue
'is there an apartment manager or neighbor
If mssp_record.Field(64) = "Y" Then
  .chkFam1(0).Value = 1
  .chkFam1(1).Value = 0
Else
  .chkFam1(0).Value = 0
  .chkFam1(1).Value = 1
End If
'2 name of apartment manager or neighbor
.txtFam1(2).Text = mssp_record.Field(65).TextValue
'the phone of apartment manager or neighbor
thephone = mssp_record.Field(66)
If Trim(thephone) = "" Then
  thephone = blank_phone

```

```

End If
If thephone Like "####-####" Then
    thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
End If
.mebFam1.Text = thephone
'0 how is client managing financially
.txtFina(0).Text = mssp_record.Field(67).TextValue
'2 who provided assessment information
.txtPSych(2).Text = mssp_record.Field(68).TextValue
'3 reliability
.txtPSych(3).Text = mssp_record.Field(69).TextValue
'assessment conducted in client's home
If mssp_record.Field(70) = "Y" Then
    .chkPsych(0).Value = 1
    .chkPsych(1).Value = 0
Else
    .chkPsych(0).Value = 0
    .chkPsych(1).Value = 1
End If
'4 if assessment not conduct at home, where
.txtPSych(4).Text = mssp_record.Field(71).TextValue
Call display_mssp_shared_information
item_cnt = .msginfo.Rows - 1
For i = 1 To item_cnt
    .msginfo.TextMatrix(i, 2) = mssp_record.Value(18, i)
Next i
item_cnt = .msgformal.Rows - 1
For i = 1 To item_cnt
    .msgformal.TextMatrix(i, 2) = mssp_record.Value(22, i)
Next i
For i = 0 To 12
    comment(i) = mssp_record.Field(150 + i)
Next i
If Val(Trim(.txtGen1(4).Text)) = 1 Then
    'initial psychosocial summary
    Call init_init_psy_ques
    .frmreassess.Visible = False
    .frmreassess.Enabled = False
    .frminitial.Visible = True
    .frminitial.Enabled = True
    .optInitial(0).Value = True
    .labelTitle.ForeColor = vbRed
    .labelTitle.Caption = "Initial"
Else
    'reassessment summary
    Call init_reassessment_ques
    .frmreassess.Visible = True
    .frmreassess.Enabled = True
    .frminitial.Visible = False
    .frminitial.Enabled = False
    .optReassessment(0).Value = True
    .labelTitle.ForeColor = vbBlue
    .labelTitle.Caption = "Reassessment"
End If
.txtReassessComment.Text = mssp_record.Field(150).TextValue
.txtProblent.Text = mssp_record.Field(163).TextValue
.txtmsspdte.Text = session.Oconv(mssp_record.Field(160), "D4/")
Call display_SSW_env_safety
Call display_SSW_Equipment
Call display_adliad_record
Call display_mnse_record
.txtmsspdte.Enabled = False
.cmbAssess_id.Enabled = False
.txtmsspdte.Enabled = False
.mnuUpdate.Enabled = True
.mnuAction.Enabled = True
.mnuNewassessment.Enabled = False
.mnuRept.Enabled = True
End With
End Function
Sub display_mssp_shared_information()
    With frmMssp
        'IHSS hours
        .mebFmal.Text = temp_living_record.Field(3)
        If temp_living_record.Field(43) = "Y" Then
            .optStair(0).Value = True
            .optStair(1).Value = False
        Else
            If temp_living_record.Field(43) = "N" Then
                .optStair(1).Value = True
                .optStair(0).Value = False
            End If
        End If
        'informal support relationship
        Call display_informal_support("")
        .txtmsspdte.Enabled = False
    End With
End Sub

```

```

.cmbAssess_id.Enabled = False
.mnuUpdate.Enabled = True
.mnuAction.Enabled = True
.mnuNewassessment.Enabled = False
.mnuRept.Enabled = True
End With
End Sub

Sub cancel_mssp()
Call clear_MSSP
With frmMssp
.SSTab1.Tab = 0
.cmbAssess_id.Enabled = True
.mnuUpdate.Enabled = False
.mnuAction.Enabled = False
.mnuNewassessment.Enabled = True
.mnuRept.Enabled = False
End With
msspssw_file.UnlockFile
msspssw_file.CloseFile
adliadl_file.UnlockFile
adliadl_file.CloseFile
If error_opening(msspssw_file, "MSSPSSW") Then
MsgBox "Error canceling MSSP. Ending program.", vbCritical, "Error...ending program."
End
Else
End If
If error_opening(adliadl_file, "ADLIADL") Then
MsgBox "Error canceling ADLIADL in MSSP. Ending program.", vbCritical, "Error...ending program."
End
Else
End If
End Sub

Sub clear_MSSP()
With frmMssp
.LabelTitle.Caption = ""
'assessment date
'IHSS comments
.txtFmal(0).Text = ""
'IHSS hours
.mebFmal.Text = ""
'0 other notes
'1 description of abuses
'2 who provided assessment information
'3 reliability
'4 if assessment not conduct at home, where
For i = 0 To 4
.txtPSych(i).Text = ""
Next i
'0 staff code
'1 occupational history
'2 significant activities
'3 porblem climbong stairs to enter or leave the house
'4 assessment number
For i = 0 To 4
.txtGen(i).Text = ""
Next i
'1 transportation
'2 meals comments
'3 day care comments
'4 other1 comments
'5 other2 comments
For i = 1 To 5
.txtFmal(i).Text = ""
Next i
'evidence problem
'0 momery; 1 orientation
'2 judgement; 3 anxiety
'4 depression; 5 wandering
'6 combative; 7 delusions
'8 paranoid; 9 suicidal
'10 other
For i = 0 To 10
.cmbPsych(i).ListIndex = -1
.cmbPsych(i).Text = ""
.txtEvid(i).Text = ""
Next i
'informal support relationship
Call init_mssp_supp
'adaptive coping skills
.txtProb.Text = ""
'0 how is client managing financially
'1 does client have a conservator/substitute
.txtFina(0).Text = ""
.txtFina(1).Text = ""

```

```

'0 who visits the client and how often
'1 how often does client leave the house and where
'2 name of apartment manager or neighbor
For i = 0 To 2
    .txtFam(i).Text = ""
Next i
'the phone of apartment manager or neighbor
.mebFam1.Text = blank_phone
'is there an apartment manager or neighbor
.chkFam(0).Value = 0
.chkFam(1).Value = 0
'assessment conducted in client's home
.chkPsych(0).Value = 0
.chkPsych(1).Value = 0
.optStair(0).Value = False
.optStair(1).Value = False
'reassessment summary
.optReassessment(0).Value = True
'initial psychosocial summary
.optInitial(0).Value = True
comment(0) = ""
For i = 1 To 12
    .optReassessment(i).Value = False
    comment(i) = ""
Next i
For i = 1 To 6
    .optInitial(i).Value = False
Next i
.txtProbident.Text = ""
.txtmsspdate.Text = ""
.txtchart.Text = ""
.cmbcharloc.ListIndex = -1
.frminitial.Visible = False
.frminitial.Enabled = False
.frmreassess.Visible = True
.frmreassess.Enabled = True
End With
End Sub
Sub init_mssp_supp()
    With frmMssp.cmbAssess_id
        .Clear
        assess_cnt = new_assessment.Field(3).count
        For i = 1 To assess_cnt
            .AddItem new_assessment.Value(3, i)
        Next i
    End With
    'chart location list
    Dim location_reocord As IUvDynArray
    With frmMssp.cmbcharloc
        .Clear
        If session.IsActive Then
            Set Location_list = session.SelectList(0)
            Location_list.ClearList
            session.Command.Text = "SELECT LAB WITH NAME >= ""HEALTHCARE HEALTH SERVICES"" AND <= ""HEALTHCARE HEALTH SERVICES-
PACE PROGRAM"" OR NAME = ""MSSP-POMONA""
            On Error Resume Next
            session.Command.Exec
            If session.Error <> 0 Then
                MsgBox "UVErrror selecting LAB items!", vbCritical, "UVErrror"
            Exit Sub
        End If
        lab_file.RecordId = Location_list.Next
        Do While Not Location_list.LastRecordRead
            lab_file.Read
            If lab_file.Error <> 0 Then
                MsgBox "UVErrror reading location record " & Location_file.RecordId & ", ", vbCritical, "UVErrror"
            End If
            loclen = 5 - Len(lab_file.RecordId)
            If loclen = 0 Then
                locnum = lab_file.RecordId & "="
            Else
                locnum = lab_file.RecordId & Space(loclen) & "="
            End If
            Set location_reocord = lab_file.Record
            If CStr(location_reocord.Field(1)) Like "HEALTHCARE*" Then
                If CStr(location_reocord.Field(1)) Like "HEALTHCARE HEALTH SERVICES-*" Then
                    locdesc = session.Oconv(location_reocord.Field(1), "G1-1")
                Else
                    locdesc = session.Oconv(location_reocord.Field(1), "G3 1")
                End If
            End If
            Else
                locdesc = location_reocord.Field(1)
            End If
            .AddItem locnum & locdesc
            lab_file.RecordId = Location_list.Next
        Loop
    End With

```

```

        .AddItem "I = ICMP PROGRAM"
    Else
        MsgBox "Error reading LAB file! Ending program!", vbCritical, "ERROR"
    End
End If
End With
With frmMssp
    .msginfo.Clear
    .msginfo.Rows = 2
    .msginfo.Cols = 3
    .msginfo.ColWidth(0) = 1500
    .msginfo.ColWidth(1) = 1000
    .msginfo.ColWidth(2) = 6000
    .msginfo.TextMatrix(0, 0) = "Name"
    .msginfo.TextMatrix(0, 1) = "Relationship"
    .msginfo.TextMatrix(0, 2) = "Describe support Provided, Problems, Quality"
    .msginfo.Rows = 1
    .msgformal.Clear
    .msgformal.Rows = 2
    .msgformal.Cols = 3
    .msgformal.ColWidth(0) = 1500
    .msgformal.ColWidth(1) = 1000
    .msgformal.ColWidth(2) = 6000
    .msgformal.TextMatrix(0, 0) = "Name"
    .msgformal.TextMatrix(0, 1) = "Relationship"
    .msgformal.TextMatrix(0, 2) = "Describe support Provided, Problems, Quality"
    .msgformal.Rows = 1
End With
End Sub

'routines for PACE
'automatically generate part of the quarterly report
Sub init_psy_quart_rpt()
    Dim score As Integer
    Dim stmnt As String
    stmnt = "Patient has a MSQ Score of "
    With frmPace
        stmnt = stmnt & .Text1.Text & ", which indicates "
        score = Val(Trim(.Text1.Text))
        Select Case score
            Case 0 To 2
                stmnt = stmnt & "no Cognitive Impairment."
            Case 3, 4
                stmnt = stmnt & "mild Cognitive Impairment."
            Case 5 To 7
                stmnt = stmnt & "moderate Cognitive Impairment."
            Case 8 To 10
                stmnt = stmnt & "severe Cognitive Impairment."
        End Select
        stmnt = stmnt & vbCrLf
        If .Check1(0) = 1 Or .Check1(1) = 1 Or .Check1(2) = 1 Or .Check1(3) = 1 Then
            stmnt = stmnt & "Patient has depression."
        End If
        score = Val(Trim(.txtGDS.Text))
        Select Case score
            Case 6 To 10
                stmnt = stmnt & " Patient has potential for mild depression."
            Case 11 To 15
                stmnt = stmnt & " Patient has potential for moderate to severe depression."
        End Select
    End With
    With frmMnse
        Dim todate As Integer
        Dim dates(3) As Integer
        todate = Val(session.Iconv(Date, "D4"))
        For i = 0 To 2
            dates(i) = todate - Val(session.Iconv(.mebDate(i), "D4"))
        Next i
        score_index = 0
        mental_flag = False
        If dates(0) > dates(1) Then
            If dates(2) > dates(0) Then
                score_index = 2
            End If
        Else
            If dates(1) > dates(2) Then
                score_index = 1
            Else
                score_index = 2
            End If
        End If
    End With
    Select Case score_index
        Case 0
            If Val(Trim(.mebmns(0).Text)) < 5 Or Val(Trim(.mebmns(1).Text)) < 5 Or Val(Trim(.mebmns(0).Text)) < 3 Then
                mental_flag = True
            End If
    End Case

```

```

Case 1
If Val(Trim(.mebmNSE1(0).Text)) < 5 Or Val(Trim(.mebmNSE1(1).Text)) < 5 Or Val(Trim(.mebmNSE1(0).Text)) < 3 Then
    mental_flag = True
End If
Case 2
If Val(Trim(.mebmNSE2(0).Text)) < 5 Or Val(Trim(.mebmNSE2(1).Text)) < 5 Or Val(Trim(.mebmNSE2(0).Text)) < 3 Then
    mental_flag = True
End If
End Select
If mental_flag = True Then
    strmnt = strmnt & vbCrLf & "Patient has short memory impairment."
End If
End With
frmPace.txtPsyRpt = strmnt
End Sub

Function check_pace() As Boolean
'routine to check for valid data in pace
If assess_newflag = False Then
    Set new_pace_record = New CUvDynArray
Else
    Set new_pace_record = pacesw_file.Record
End If
'set check_save_data = False, set to true if makes it through
'all checks
check_pace = False
With frmPace
    'assessment seq. No.
    new_pace_record.Field(1) = .txtAssessEval.Text
    'assessment date
    thedate = session.Iconv(.txtAssessDate.Text, "D4/")
    If thedate = "" Then
        MsgBox "Assessment date is a required field!", vbCritical, "Required Field!"
        .SSTab1.Tab = 0
        .txtAssessDate.SetFocus
        Exit Function
    End If
    new_pace_record.Field(100) = thedate
    'chart number
    If IsNumeric(Trim(.txtchart.Text)) Then
        If Val(Trim(.txtchart.Text)) > 99999 Then
            MsgBox "Chart Number is a five-digits numeric field!", vbCritical, "Five-Digits numeric Field!"
            .SSTab1.Tab = 0
            .txtchart.SetFocus
            Exit Function
        End If
    Else
        MsgBox "Chart Number is a numeric required field!", vbCritical, "Required Field!"
        .SSTab1.Tab = 0
        .txtchart.SetFocus
        Exit Function
    End If
    If .cmbcharloc.Text = "" Then
        MsgBox "Chart Location is a required field!", vbCritical, "Required Field!"
        .SSTab1.Tab = 0
        .cmbcharloc.SetFocus
        Exit Function
    End If
    new_pace_record.Field(85) = Trim(.txtchart.Text)
    new_pace_record.Field(86) = Trim(session.Oconv(.cmbcharloc.Text, "G0=1"))
    'social worker name
    new_pace_record.Field(2) = .xtcm(0).Text
    'diagnosis code
    item_cnt = .msflexDiagCode.Rows - 1
    For i = 1 To item_cnt
        new_pace_record.Value(5, i) = Trim(.msflexDiagCode.TextMatrix(i, 0))
    Next i
    'presentin psychosocial problem(s)
    new_pace_record.Field(6) = .txtPsycProb.Text
    'family adn social history
    new_pace_record.Field(7) = .txtFamiSocl.Text
    'psychiatric history
    new_pace_record.Field(8) = .txtPsycHist.Text
    'does participant have a history of "S" or "H" ideations
    If .Check2(0).Value = 1 Then
        new_pace_record.Field(10) = "Y"
    Else
        new_pace_record.Field(10) = "N"
    End If
    'does he/she currently have S/I or H/I
    If .Check2(2).Value = 1 Then
        new_pace_record.Field(11) = "Y"
    Else
        new_pace_record.Field(11) = "N"
    End If
    'is there currently a "S" or "H" plan

```

```

If .Check2(5).Value = 1 Then
    new_pace_record.Field(12) = "Y"
Else
    new_pace_record.Field(12) = "N"
End If
'explanation of "S" or "H" plan
new_pace_record.Field(13) = .txtPlan.Text
'does participant currently have means to harmself or others
If .Check2(4).Value = 1 Then
    new_pace_record.Field(14) = "Y"
Else
    new_pace_record.Field(14) = "N"
End If
'explanation of means to harmslf or others
new_pace_record.Field(15) = .txtHarmSelf.Text
'does participant have a history of "S" or "H" attempts
If .Check2(1).Value = 1 Then
    new_pace_record.Field(16) = "Y"
Else
    new_pace_record.Field(16) = "N"
End If
'date(s) and reason(S) for "S" or "H" attempts
new_pace_record.Field(17) = .txtSuicHomi.Text
'mental status alertness
new_pace_record.Field(20) = .cboS_W_Alertness.Text
'0-2 age; 3-6 dress; 7-12 hygiene
For i = 0 To 2
    If .chkAge(i).Value = 1 Then
        new_pace_record.Value(21, i + 1) = .chkAge(i).Caption
    End If
Next i
For i = 3 To 6
    If .chkAge(i).Value = 1 Then
        new_pace_record.Value(22, i + 1) = .chkAge(i).Caption
    End If
Next i
For i = 7 To 12
    If .chkAge(i).Value = 1 Then
        new_pace_record.Value(23, i + 1) = .chkAge(i).Caption
    End If
Next i
'eye contact
For i = 0 To 3
    If .chkEyeCont(i).Value = 1 Then
        new_pace_record.Value(25, i + 1) = .chkEyeCont(i).Caption
    End If
Next i
'physical activity
For i = 1 To 5
    If .chkS_W_Physical_Activity(i).Value = 1 Then
        new_pace_record.Value(26, i + 1) = .chkS_W_Physical_Activity(i).Caption
    End If
Next i
'verbal behavior
For i = 0 To 6
    If .chkVerbBeha(i).Value = 1 Then
        new_pace_record.Value(27, i + 1) = .chkVerbBeha(i).Caption
    End If
Next i
'other for verbal behavior
new_pace_record.Value(27, -1) = .txtVerbBeha.Text
'0-6 attitude
'7 has history of "wandering"
For i = 1 To 6
    If .chkS_W_Behavior(i).Value = 1 Then
        new_pace_record.Value(28, i + 1) = .chkS_W_Behavior(i).Caption
    End If
Next i
If .chkS_W_Behavior(7).Value = 1 Then
    new_pace_record.Field(24) = "Y"
Else
    new_pace_record.Field(24) = "N"
End If
'other for attitude
new_pace_record.Value(28, -1) = .txtBehaAtti.Text
'affect
For i = 1 To 6
    If .chkS_W_Affect(i).Value = 1 Then
        new_pace_record.Value(29, i + 1) = .chkS_W_Affect(i).Caption
    End If
Next i
'mood
For i = 1 To 6
    If .chkS_W_Mood(i).Value = 1 Then
        new_pace_record.Value(30, i + 1) = .chkS_W_Mood(i).Caption
    End If

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Next i
new_pace_record.Value(30, 7) = .txtMood.Text
'sleep
If .chkNml.Value = 1 Then
    new_pace_record.Value(32, 1) = .chkNml.Caption
Else
    new_pace_record.Value(32, 1) = ""
End If
If .chkHyper.Value = 1 Then
    new_pace_record.Value(32, 2) = .chkHyper.Caption
Else
    new_pace_record.Value(32, 2) = ""
End If
If .chkNightMare.Value = 1 Then
    new_pace_record.Value(32, 3) = .chkNightMare.Caption
Else
    new_pace_record.Value(32, 3) = ""
End If
'sleep: insomnic
If .chkInItl.Value = 1 Then
    new_pace_record.Value(32, 4) = .chkInItl.Caption
Else
    new_pace_record.Value(32, 4) = ""
End If
If .chkIntrmitt.Value = 1 Then
    new_pace_record.Value(32, 5) = .chkIntrmitt.Caption
Else
    new_pace_record.Value(32, 5) = ""
End If
If .chkMorning.Value = 1 Then
    new_pace_record.Value(32, 6) = .chkMorning.Caption
Else
    new_pace_record.Value(32, 6) = ""
End If
'sleep: other
new_pace_record.Value(32, 7) = .txtSleep.Text
'appetite
For i = 0 To 3
    If .chkAppe(i).Value = 1 Then
        new_pace_record.Value(33, i + 1) = .chkAppe(i).Caption
    End If
Next i
'reality testing
'hallucinations
For i = 0 To 5
    If .chkHall(i).Value = 1 Then
        new_pace_record.Value(34, i + 1) = .chkHall(i).Caption
    End If
Next i
'delusions
For i = 0 To 6
    If .chkDelu(i).Value = 1 Then
        new_pace_record.Value(35, i + 1) = .chkDelu(i).Caption
    End If
Next i
'other
new_pace_record.Field(36) = .txtDelu.Text
'orientation
For i = 1 To 4
    Select Case .cboS_W_Orientation(i).ListIndex
        Case 0
            new_pace_record.Field(39 + i) = "F"
        Case 1
            new_pace_record.Field(39 + i) = "P"
        Case 2
            new_pace_record.Field(39 + i) = "D"
    End Select
Next i
'informal and formal in-home supportive services
new_pace_record.Field(45) = .cmbInHome.ListIndex + 2
'self report of health status
new_pace_record.Field(46) = .cmbSelfRept.ListIndex + 1
'satisfaction with program
new_pace_record.Field(47) = .cmbSati.ListIndex + 1
'quarterly report
new_pace_record.Field(80) = .txtPsyRpt.Text
new_pace_record.Field(81) = .txtProblem.Text
new_pace_record.Field(82) = .txtTreatment.Text
'copy the info to household non-household record
Call update_prime_info_supp
Call copy_dynarray(non_house_info_supp_record, new_pace_record, 10, 21, 49)
Call copy_dynarray(house_info_supp_record, new_pace_record, 10, 18, 64)

'legal representative
'type
temp_living_record.Field(30) = .cmbPrsnt.Text

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'o name; 1 address; 2 city; 3 state
For i = 0 To 3
    temp_living_record.Field(31 + i) = .txtLPrsn(i).Text
Next i

thezip = Trim(.mebLprsn(0).FormattedText)
If thezip = Trim(blank_zip2) Then
    thezip = ""
Elseif Len(thezip) = 6 Then
    thezip = Left(thezip, 5)
End If
temp_living_record.Field(35) = thezip

thephone = .mebLprsn(1).FormattedText
If thephone = blank_phone2 Then
    thephone = ""
End If
temp_living_record.Field(36) = thephone
'relationship
temp_living_record.Field(37) = .cmblegalrelate.Text
'medication for
For i = 0 To 3
    If .Check1(i).Value = 1 Then
        temp_living_record.Field(22) = .Check1(i).Caption
    End If
Next
End With
check_pace = True 'if get to this point, then all data okay
End Function
Function update_prime_info_supp() As Boolean
    With frmPace
        'house-hold infomal support system
        house_info_supp_record.Value(1, 1) = Trim(.txtHPCare(0).Text)
        house_info_supp_record.Value(3, 1) = Trim(.txtHPCare(1).Text)
        house_info_supp_record.Value(4, 1) = Trim(.txtHPCare(2).Text)
        house_info_supp_record.Value(5, 1) = Trim(.txtHPCare(3).Text)
        tezip = Trim(.mebHPCare(0).FormattedText)
        If thezip = Trim(blank_zip2) Then
            thezip = ""
        Elseif Len(thezip) = 6 Then
            thezip = Left(thezip, 5)
        End If
        house_info_supp_record.Value(6, 1) = thezip
        thephone = .mebHPCare(1).FormattedText
        If thephone = blank_phone2 Then
            thephone = ""
        End If
        house_info_supp_record.Value(7, 1) = thephone
        house_info_supp_record.Value(2, 1) = .cmbHPCare(0).Text
        house_info_supp_record.Value(8, 1) = Trim(.mebHPCare(2).FormattedText)
        house_info_supp_record.Value(9, 1) = "Y"
        If .P_CareGiver(0).Value = 1 Then
            house_info_supp_record.Value(10, 1) = "Y"
        Else
            house_info_supp_record.Value(10, 1) = "N"
        End If
        If .P_CareGiver(1).Value = 1 Then
            house_info_supp_record.Value(11, 1) = "Y"
        Else
            house_info_supp_record.Value(11, 1) = "N"
        End If
        If .P_CareGiver(2).Value = 1 Then
            house_info_supp_record.Value(12, 1) = "Y"
        Else
            house_info_supp_record.Value(12, 1) = "N"
        End If
        If .P_CareGiver(3).Value = 1 Then
            house_info_supp_record.Value(13, 1) = "Y"
        Else
            house_info_supp_record.Value(13, 1) = "N"
        End If
        If .P_CareGiver(4).Value = 1 Then
            house_info_supp_record.Value(14, 1) = "Y"
        Else
            house_info_supp_record.Value(14, 1) = "N"
        End If
        If .P_CareGiver(5).Value = 1 Then
            house_info_supp_record.Value(15, 1) = "Y"
        Else
            house_info_supp_record.Value(15, 1) = "N"
        End If
        If .P_CareGiver(6).Value = 1 Then
            house_info_supp_record.Value(16, 1) = "Y"
        Else
            house_info_supp_record.Value(16, 1) = "N"
        End If
    End If
End Function

```

```

If .P_CareGiver(7).Value = 1 Then
    house_info_supp_record.Value(17, 1) = "Y"
Else
    house_info_supp_record.Value(17, 1) = "N"
End If
If .P_CareGiver(8).Value = 1 Then
    house_info_supp_record.Value(18, 1) = "Y"
Else
    house_info_supp_record.Value(18, 1) = "N"
End If
'non-household support system
non_house_info_supp_record.Value(1, 1) = Trim(.txtNPCare(0).Text)
non_house_info_supp_record.Value(3, 1) = Trim(.txtNPCare(1).Text)
non_house_info_supp_record.Value(4, 1) = Trim(.txtNPCare(2).Text)
non_house_info_supp_record.Value(5, 1) = Trim(.txtNPCare(3).Text)
tezip = Trim(.mebNPCare(0).FormattedText)
If thezip = Trim(blank_zip2) Then
    thezip = ""
ElseIf Len(thezip) = 6 Then
    thezip = Left(thezip, 5)
End If
non_house_info_supp_record.Value(6, 1) = thezip
thephone = .mebNPCare(1).FormattedText
If thephone = blank_phone2 Then
    thephone = ""
End If
non_house_info_supp_record.Value(7, 1) = thephone
non_house_info_supp_record.Value(2, 1) = .cmbNPCare(0).Text
non_house_info_supp_record.Value(8, 1) = Trim(.mebNPCare(2).FormattedText)
non_house_info_supp_record.Value(9, 1) = "Y"
If .P_CareGiver(17).Value = 1 Then
    non_house_info_supp_record.Value(10, 1) = "Y"
Else
    non_house_info_supp_record.Value(10, 1) = "N"
End If
If .P_CareGiver(16).Value = 1 Then
    non_house_info_supp_record.Value(11, 1) = "Y"
Else
    non_house_info_supp_record.Value(11, 1) = "N"
End If
If .P_CareGiver(15).Value = 1 Then
    non_house_info_supp_record.Value(12, 1) = "Y"
Else
    non_house_info_supp_record.Value(12, 1) = "N"
End If
non_house_info_supp_record.Value(13, 1) = Trim(.mebNPCare(4).FormattedText)
non_house_info_supp_record.Value(14, 1) = .cmbNPCare(1).Text
non_house_info_supp_record.Value(15, 1) = Trim(.mebNPCare(3).FormattedText)
If .P_CareGiver(14).Value = 1 Then
    non_house_info_supp_record.Value(16, 1) = "Y"
Else
    non_house_info_supp_record.Value(16, 1) = "N"
End If
If .P_CareGiver(13).Value = 1 Then
    non_house_info_supp_record.Value(17, 1) = "Y"
Else
    non_house_info_supp_record.Value(17, 1) = "N"
End If
If .P_CareGiver(12).Value = 1 Then
    non_house_info_supp_record.Value(18, 1) = "Y"
Else
    non_house_info_supp_record.Value(18, 1) = "N"
End If
If .P_CareGiver(11).Value = 1 Then
    non_house_info_supp_record.Value(19, 1) = "Y"
Else
    non_house_info_supp_record.Value(19, 1) = "N"
End If
If .P_CareGiver(10).Value = 1 Then
    non_house_info_supp_record.Value(20, 1) = "Y"
Else
    non_house_info_supp_record.Value(20, 1) = "N"
End If
If .P_CareGiver(9).Value = 1 Then
    non_house_info_supp_record.Value(21, 1) = "Y"
Else
    non_house_info_supp_record.Value(21, 1) = "N"
End If
End With
End Function

```

```

Function save_pace_record(clear_display As Boolean) As Boolean
    Dim old_pace_record As IUvDynArray 'used to save a copy of the current
    'referral record before changes
    Dim old_adliadl_record As IUvDynArray
    Set old_pace_record = paccessw_file.Record

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```

save_pace_record = False
'check if the connection is alive
If Not session.IsActive Then
    frmPace.Visible = False
    Call reconnect
    frmPace.Visible = True
End If
If check_pace Then
    pace_id = pacesw_file.RecordId
    Set atransaction = session.Transaction
    atransaction.Start
    Set pacesw_file.Record = new_pace_record
    On Error Resume Next
    pacesw_file.Write
    If Err.Number <> 0 Then
        MsgBox "VBEError writing to PACESSW record " & pace_id & ". ", vbCritical, "ERROR"
        atransaction.Rollback
        Set pacesw_file.Record = old_pace_record
        pacesw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    On Error GoTo 0
    If pacesw_file.Error <> 0 Then
        MsgBox "VBEError writing to PACESSW record " & pace_id & ". ", vbCritical, "ERROR"
        atransaction.Rollback
        Set pacesw_file.Record = old_pace_record
        pacesw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    Set adliadl_file.Record = temp_adliadl_record
    On Error Resume Next
    adliadl_file.Write
    If Err.Number <> 0 Then
        MsgBox "VBEError writing to ADLIADL record " & pace_id & ". ", vbCritical, "ERROR"
        atransaction.Rollback
        Set adliadl_file.Record = old_adliadl_record
        pacesw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    On Error GoTo 0
    If adliadl_file.Error <> 0 Then
        MsgBox "VBEError writing to ADLIADL record " & pace_id & ". ", vbCritical, "ERROR"
        atransaction.Rollback
        Set adliadl_file.Record = old_adliadl_record
        pacesw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    If assess_newflag = True Then
        new_assessment.Value(4, -1) = frmPace.cmbAssess_id.Text
    End If
    On Error Resume Next
    referral_file.WriteField 70, new_assessment.Field(4)
    If Err.Number <> 0 Then
        MsgBox "VBEError updating status of REFERRAL record " & referral_file.RecordId & "<148>. Cannot enroll candidate!", vbCritical, "ERROR"
        atransaction.Rollback
        Set adliadl_file.Record = old_adliadl_record
        adhcssw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    On Error GoTo 0
    If referral_file.Error <> 0 Then
        MsgBox "VBEError updating status of REFERRAL record " & referral_file.RecordId & "<148>. Cannot enroll candidate!", vbCritical, "ERROR"
        atransaction.Rollback
        Set adliadl_file.Record = old_adliadl_record
        adhcssw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    On Error Resume Next
    atransaction.Commit
    If Err.Number <> 0 Then
        MsgBox "VBEError writing to PACESSW record " & pace_id & ". ", vbCritical, "ERROR"
        atransaction.Rollback
        Set pacesw_file.Record = old_pace_record
        pacesw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    On Error GoTo 0
    If atransaction.Error <> 0 Then
        MsgBox "VBEError writing to PACESSW record " & pace_id & ". ", vbCritical, "ERROR"

```

```

        atransaction.Rollback
        Set pacesw_file.Record = old_pace_record
        pacesw_file.UnlockFile
        adliadl_file.UnlockFile
        Exit Function
    End If
    If clear_display Then
        Call cancel_pace
    End If
Else
    Exit Function
End If
Call cancel_pace
Call update_referral_shared_info
MsgBox "Please save the referral record " & referral_file.RecordId & ". ", vbInformation, "Updated"
assess_newflag = False
save_pace_record = True
'routine to save record
End Function

Function display_pace_record(pace_id As Variant) As Boolean
'returns false if cannot display icmp record,
Dim pace_record As IUvDynArray
Dim found As Boolean
Dim referral_record As IUvDynArray
Dim pacern_rcord As IUvDynArray
Set referral_record = referral_file.Record
display_pace_record = True
pacesw_file.RecordId = referral_file.RecordId & "" & pace_id
pace_id = pacesw_file.RecordId
pacesw_file.LockStrategy = EXCLUSIVE_UPDATE
pacesw_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next
pacesw_file.Read
If Err.Number <> 0 Then
    MsgBox "VBEror reading PACESSW record " & pace_id & ". Unable to display!", vbCritical, "VBERROR"
    display_pace_record = False
    Exit Function
End If
On Error GoTo 0
If pacesw_file.Error <> 0 Then
    MsgBox "UVEror reading PACESSW record " & pace_id & ". Unable to display!", vbCritical, "UVEROR"
    display_pace_record = False
    Exit Function
End If
Set pace_record = pacesw_file.Record
Dim adliadl_id As Variant
adliadl_id = pace_id & "PACE"
adliadl_file.RecordId = adliadl_id
adliadl_file.LockStrategy = EXCLUSIVE_UPDATE
adliadl_file.ReleaseStrategy = WRITE_RELEASE + EXPLICIT_RELEASE + CHANGE_RELEASE
On Error Resume Next
adliadl_file.Read
Dim adliadl_flag As Boolean
adliadl_flag = True
If Err.Number <> 0 Then
    Set temp_adliadl_record = New CUvDynArray
    adliadl_flag = False
End If
On Error GoTo 0
If adliadl_file.Error <> 0 Then
    Set temp_adliadl_record = New CUvDynArray
    adliadl_flag = False
End If
If adliadl_flag Then
    Set temp_adliadl_record = adliadl_file.Record
End If
pacern_file.RecordId = pacesw_file.RecordId
On Error Resume Next
pacern_file.Read
Dim pacern_flag As Boolean
pacern_flag = True
If Err.Number <> 0 Then
    MsgBox "VBEror reading Diagnosis record from Nurse Assesment.", vbCritical, "VBERROR"
    pacern_flag = False
End If
On Error GoTo 0
If pacern_file.Error <> 0 Then
    MsgBox "VBEror reading Diagnosis record from the current Nurse Assesment.", vbCritical, "VBERROR"
    pacern_flag = False
End If
If pacern_flag Then
    Set pacern_record = adhcrn_file.Record
Else
    Set pacern_record = New CUvDynArray
End If

```

```

With frmPace
If Val(pace_record.Field(1)) = 1 Then
    .labelTitle.ForeColor = vbRed
    .labelTitle.Caption = "Initial"
Else
    .labelTitle.ForeColor = vbBlue
    .labelTitle.Caption = "Reassessment"
End If
'assessment Eval. No.
.txtAssessEval.Text = pace_record.Field(1)
'chart number
.txtchart.Text = pace_record.Field(85)
For i = 0 To .cmbcharloc.ListCount - 1
    If Trim(session.Oconv(.cmbcharloc.List(i), "G0=1")) = pace_record.Field(86) Then
        .cmbcharloc.Text = .cmbcharloc.List(i)
        .cmbcharloc.ListIndex = i
        Exit For
    End If
Next i
'social woker name
.txtcm(0).Text = pace_record.Field(2)
'diagnosis code
item_cnt = pace_record.Field(5).count
For i = 1 To item_cnt
    display_diag_record (pace_record.Value(5, i))
Next i
'presentiin psychosocial problem(s)
.txtPsycProb.Text = pace_record.Field(6).TextValue
'family adn social history
.txtFamiSocl.Text = pace_record.Field(7).TextValue
'psychiatric history
.txtPsycHist.Text = pace_record.Field(8).TextValue
'does participant have a history of "S" or "H" ideations
If pace_record.Field(10) = "Y" Then
    .Check2(0).Value = 1
Else
    .Check2(0).Value = 0
End If
'does he/she currently have S/I or H/I
If pace_record.Field(11) = "Y" Then
    .Check2(2).Value = 1
Else
    .Check2(2).Value = 0
End If
'is there currently a "S" or "H" plan
If pace_record.Field(12) = "Y" Then
    .Check2(5).Value = 1
Else
    .Check2(5).Value = 0
End If
'explanation of "S" or "H" plan
.txtPlan.Text = pace_record.Field(13).TextValue
'does participant currently have means to harmself or others
If pace_record.Field(14) = "Y" Then
    .Check2(4).Value = 1
Else
    .Check2(4).Value = 0
End If
'explanation of means to harmslf or others.
.txtHarmSelf.Text = pace_record.Field(15).TextValue
'does participant have a history of "S" or "H" attempts
If pace_record.Field(16) = "Y" Then
    .Check2(1).Value = 1
Else
    .Check2(1).Value = 0
End If
'date(s) and reason(S) for "S" or "H" attempts
.txtSuicHomi.Text = pace_record.Field(17).TextValue
'mental status alertness
cbo_cnt = .cboS_W_Alertness.ListCount - 1
For i = 0 To cbo_cnt
    If pace_record.Field(20) = .cboS_W_Alertness.List(i) Then
        .cboS_W_Alertness.ListIndex = i
        Exit For
    End If
Next i
'0-2 age; 3-6 dress; 7-12 hygiene
value_cnt = pace_record.Field(21).count
For i = 1 To value_cnt
    For k = 0 To 2
        If Trim(.chkAge(k).Caption) = pace_record.Value(21, i) Then
            .chkAge(k).Value = 1
        End If
    Next k
Next i
Next i

```

```

'dress
value_cnt = pace_record.Field(22).count
For i = 1 To value_cnt
  For k = 3 To 6
    If Trim(.chkAge(k).Caption) = pace_record.Value(22, i) Then
      .chkAge(k).Value = 1
    End If
  Next k
Next i
'hygiene
value_cnt = pace_record.Field(23).count
For i = 1 To value_cnt
  For k = 7 To 12
    If Trim(.chkAge(k).Caption) = pace_record.Value(23, i) Then
      .chkAge(k).Value = 1
    End If
  Next k
Next i
'has history of "wandering"
If pace_record.Field(24) = "Y" Then
  .chkS_W_Behavior(7).Value = 1
End If
'eye contact
value_cnt = pace_record.Field(25).count
For i = 1 To value_cnt
  For k = 0 To 3
    If Trim(.chkEyeCont(k).Caption) = pace_record.Value(25, i) Then
      .chkEyeCont(k).Value = 1
    End If
  Next k
Next i
'physical activity
value_cnt = pace_record.Field(26).count
For i = 1 To value_cnt
  For k = 1 To 5
    If Trim(.chkS_W_Physical_Activity(k).Caption) = pace_record.Value(26, i) Then
      .chkS_W_Physical_Activity(k).Value = 1
    End If
  Next k
Next i
'verbal behavior
value_cnt = pace_record.Field(27).count
For i = 1 To value_cnt
  For k = 0 To 6
    If Trim(.chkVerbBeha(k).Caption) = pace_record.Value(27, i) Then
      .chkVerbBeha(k).Value = 1
    Else
      If i = value_cnt Then
        .txtVerbBeha.Text = pace_record.Value(27, i).TextValue
      End If
    End If
  Next k
Next i
'0-6 attitude
'7 has history of "wandering"
value_cnt = pace_record.Field(28).count
For i = 1 To value_cnt
  For k = 1 To 6
    If Trim(.chkS_W_Behavior(k).Caption) = pace_record.Value(28, i) Then
      .chkS_W_Behavior(k).Value = 1
    Else
      If i = value_cnt Then
        .txtBehaAtti.Text = pace_record.Value(28, i).TextValue
      End If
    End If
  Next k
Next i
'affect
value_cnt = pace_record.Field(29).count
For i = 1 To value_cnt
  For k = 1 To 6
    If Trim(.chkS_W_Affect(k).Caption) = pace_record.Value(29, i) Then
      .chkS_W_Affect(k).Value = 1
    End If
  Next k
Next i
'mood
value_cnt = pace_record.Field(30).count
For i = 1 To value_cnt
  For k = 1 To 6
    If Trim(.chkS_W_Mood(k).Caption) = pace_record.Value(30, i) Then
      .chkS_W_Mood(k).Value = 1
    Else
      If i = value_cnt Then
        .txtMood.Text = pace_record.Value(30, i).TextValue
      End If
    End If
  Next k
Next i

```

```

        End If
    Next k
Next i
'G.D.S. score
.txtGDS.Text = temp_adliadl_record.Field(67)
'MQS
.Text1.Text = temp_adliadl_record.Field(105)
'sleep
If pace_record.Value(32, 1) = .chknml.Caption Then
    .chknml.Value = 1
End If
If pace_record.Value(32, 2) = .chkHyper.Caption Then
    .chkHyper.Value = 1
End If
If pace_record.Value(32, 3) = .chkNightMare.Caption Then
    .chkNightMare.Value = 1
End If
'sleep: insomnic
If pace_record.Value(32, 4) = .chkInittl.Caption Then
    .chkInittl.Value = 1
End If
If pace_record.Value(32, 5) = .chkIntrmitt.Caption Then
    .chkIntrmitt.Value = 1
End If
If pace_record.Value(32, 6) = .chkMorning.Caption Then
    .chkMorning.Value = 1
End If
'sleep: other
.txtSleep.Text = pace_record.Value(32, 7).TextValue
'appetite
value_cnt = pace_record.Field(33).count
For i = 1 To value_cnt
    For k = 0 To 3
        If Trim(.chkAppe(k).Caption) = pace_record.Value(33, i) Then
            .chkAppe(k).Value = 1
        End If
    Next k
Next i
'reality testing
'hallucinations
value_cnt = pace_record.Field(34).count
For i = 1 To value_cnt
    For k = 0 To 5
        If Trim(.chkHall(k).Caption) = pace_record.Value(34, i) Then
            .chkHall(k).Value = 1
        End If
    Next k
Next i
'delusions
value_cnt = pace_record.Field(35).count
For i = 1 To value_cnt
    For k = 0 To 6
        If Trim(.chkDelu(k).Caption) = pace_record.Value(35, i) Then
            .chkDelu(k).Value = 1
        End If
    Next k
Next i
.txtDelu.Text = pace_record.Field(36).TextValue
'orientation
For i = 1 To 4
    Select Case pace_record.Field(39 + i)
        Case Is = "F"
            .cboS_W_Orientation(i).ListIndex = 0
        Case Is = "P"
            .cboS_W_Orientation(i).ListIndex = 1
        Case Is = "P"
            .cboS_W_Orientation(i).ListIndex = 2
    End Select
Next i
'informal and formal in-home supportive services
.cmbInHome.ListIndex = Val(pace_record.Field(45)) - 2
'self report of health status
.cmbSelfRept.ListIndex = Val(pace_record.Field(46)) - 1
'satisfaction with program
.cmbSati.ListIndex = Val(pace_record.Field(47)) - 1
'quarterly report
.txtPsyRpt.Text = pace_record.Field(80).TextValue
.txtProblem.Text = pace_record.Field(81).TextValue
.txtTreatment.Text = pace_record.Field(82).TextValue
'assessment date
.txtAssessDate.Text = session.Oconv(pace_record.Field(100), "D4/")
'copy the info to household non-household record
Call copy_dynarray(pace_record, non_house_info_supp_record, 49, 60, 10)
Call copy_dynarray(pace_record, house_info_supp_record, 64, 72, 10)
Call display_informal_support("house")
Call display_informal_support("non-house")

```



```

'legal representative
'type
item_cnt = .cmbPrsnt.ListCount - 1
For i = 0 To item_cnt
    If .cmbPrsnt.List(i) = temp_living_record.Field(30) Then
        .cmbPrsnt.ListIndex = i
        Exit For
    End If
Next i
.cmbPrsnt.Text = temp_living_record.Field(30)
For i = 0 To 3
    'o name; 1 address; 2 city; 3 state
    .txtLPrsn(i).Text = temp_living_record.Field(31 + i)
Next i
thezip = temp_living_record.Field(35)
If thezip = "" Then
    thezip = blank_zip
Elseif Right(thezip, 1) = "-" Then
    thezip = thezip & "____"
Elseif Len(thezip) = 5 Then
    thezip = thezip & "-____"
End If
.mebLprsn(0).Text = thezip
thephone = temp_living_record.Field(36)
If Trim(thephone) = "" Then
    thephone = blank_phone
End If
If thephone Like "#####-#####" Then
    thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
End If
.mebLprsn(1).Text = thephone
'relationship
.cmblegalrelate.Text = temp_living_record.Field(37)
'medication for
For i = 0 To 3
    If temp_living_record.Value(22, i) = .Check1(i).Caption Then
        .Check1(i).Value = 1
    End If
Next
.txtAssessDate.Enabled = False
.cmbAssess_id.Enabled = False
.mnuUpdate.Enabled = True
.mnuAction.Enabled = True
.mnuNewassessment.Enabled = False
.mnuRept.Enabled = True
.cmdDepr.Enabled = True
.cmdMnse.Enabled = True
End With
End Function
Sub display_pace_shared_information()
    With frmPace
        Call display_informal_support("house")
        Call display_informal_support("non-house")
        'legal representative
        'type
        item_cnt = .cmbPrsnt.ListCount - 1
        For i = 0 To item_cnt
            If .cmbPrsnt.List(i) = temp_living_record.Field(30) Then
                .cmbPrsnt.ListIndex = i
                Exit For
            End If
        Next i
        .cmbPrsnt.Text = temp_living_record.Field(30)
        For i = 0 To 3
            'o name; 1 address; 2 city; 3 state
            .txtLPrsn(i).Text = temp_living_record.Field(31 + i)
        Next i
        thezip = temp_living_record.Field(35)
        If thezip = "" Then
            thezip = blank_zip
        Elseif Right(thezip, 1) = "-" Then
            thezip = thezip & "____"
        Elseif Len(thezip) = 5 Then
            thezip = thezip & "-____"
        End If
        .mebLprsn(0).Text = thezip
        thephone = temp_living_record.Field(36)
        If Trim(thephone) = "" Then
            thephone = blank_phone
        End If
        If thephone Like "#####-#####" Then
            thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
        End If
        .mebLprsn(1).Text = thephone
        'relationship
        item_cnt = .cmblegalrelate.ListCount - 1
    End With
End Sub

```

```

For i = 0 To item_cnt
    If .cmblegalrelate.List(i) = temp_living_record.Field(37) Then
        .cmblegalrelate.ListIndex = i
        .cmblegalrelate.Text = temp_living_record.Field(37)
    End If
Next i
'medication for
For i = 0 To 3
    If temp_living_record.Value(22, i) = .Check1(i).Caption Then
        .Check1(i).Value = 1
    End If
Next
.txtAssessDate.Enabled = False
.cmbAssess_id.Enabled = False
.mnuUpdate.Enabled = True
.mnuAction.Enabled = True
.mnuNewassessment.Enabled = False
.mnuRept.Enabled = True
.cmdDepr.Enabled = True
.cmdMnse.Enabled = True
End With
End Sub
Function display_informal_support(supp_type As Variant) As Boolean
    Dim supp_cnt As Integer
    Dim item_cnt As Integer
    Dim temp As IUvDynArray
    Dim temp_info As IUvDynArray
    Dim temp_nohouse As IUvDynArray
    Set temp = house_info_supp_record
    Set temp_formal = temp_formal_supp_record
    Set temp_nohouse = non_house_info_supp_record
    Select Case CallNO
        Case Is = 1
            With frmADHC
                supp_cnt = temp.Field(1).count
                For i = 1 To supp_cnt
                    If temp.Value(1, i) <> "D" Then
                        .msgAdd.AddItem temp.Value(1, i) & Chr(9) & _
                            temp.Value(3, i) & Chr(9) & _
                            temp.Value(4, i) & Chr(9) & _
                            temp.Value(5, i) & Chr(9) & _
                            temp.Value(6, i) & Chr(9) & _
                            temp.Value(7, i) & Chr(9) & _
                            temp.Value(2, i) & Chr(9) & _
                            temp.Value(8, i) & Chr(9) & _
                            "N" & Chr(9) & i
                    Else
                        .msgAdd.AddItem temp.Value(1, i)
                        .msgAdd.RowHeight(.msgAdd.Rows - 1) = 0
                    End If
                End If
            Next i
            supp_cnt = temp_formal.Field(1).count
            For i = 1 To supp_cnt
                If temp_formal.Value(1, i) <> "D" Then
                    .msgAdd.AddItem temp_formal.Value(1, i) & Chr(9) & _
                        temp_formal.Value(3, i) & Chr(9) & _
                        temp_formal.Value(4, i) & Chr(9) & _
                        temp_formal.Value(5, i) & Chr(9) & _
                        temp_formal.Value(6, i) & Chr(9) & _
                        temp_formal.Value(7, i) & Chr(9) & _
                        temp_formal.Value(2, i) & Chr(9) & _
                        temp_formal.Value(8, i) & Chr(9) & _
                        "Y" & Chr(9) & i
                Else
                    .msgAdd.AddItem temp_formal.Value(1, i)
                    .msgAdd.RowHeight(.msgAdd.Rows - 1) = 0
                End If
            End If
        Next i
    End With
    Case Is = 4
        With frmPace
            Select Case supp_type
                Case Is = "house"
                    supp_cnt = temp.Field(1).count
                    For i = 1 To supp_cnt
                        If temp.Value(1, i) <> "D" Then
                            If temp.Value(9, i) = "Y" Then
                                'name address city state
                                .txtHPCare(0).Text = temp.Value(1, i)
                                For k = 1 To 3
                                    .txtHPCare(k).Text = temp.Value(2 + k, i)
                                Next k
                                'relationship
                                item_cnt = .cmbHPCare(0).ListCount - 1
                            End If
                        End If
                    Next i
                End Select
            End With
        End With
    End Select
End Function

```

```

For k = 0 To item_cnt
    If .cmbHPCare(0).List(k) = temp.Value(2, i) Then
        .cmbHPCare(0).ListIndex = k
    Exit For
End If
Next k
.cmbHPCare(0).Text = temp.Value(2, i)
'zip, phone, age
thezip = temp.Value(6, i)
If thezip = "" Then
    thezip = blank_zip
Elseif Right(thezip, 1) = "-" Then
    thezip = thezip & "____"
Elseif Len(thezip) = 5 Then
    thezip = thezip & "-____"
End If
.cmbHPCare(0).Text = thezip
thephone = temp.Value(7, i)
If Trim(thephone) = "" Then
    thephone = blank_phone
End If
If thephone Like "#####-#####" Then
    thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
End If
.cmbHPCare(1).Text = thephone
If Len(temp.Value(8, i)) < 1 Then
    .cmbHPCare(2).Text = "___"
Else
    If Len(temp.Value(8, i)) < 2 Then
        .cmbHPCare(2).Text = "_ " & temp.Value(8, i)
    Else
        .cmbHPCare(2).Text = temp.Value(8, i)
    End If
End If
'0,17 employed; 1,16 reduce;2,15 quit
'3,14 help personal care; 4,13 meal preparation
'5,12 housework; 6,11 mangaing money
'7,10 franking medication; 8,9 tansportaion
For k = 0 To 8
    If temp.Value(k + 10, i) = "Y" Then
        .P_CareGiver(k).Value = 1
    End If
Next k
Else
    .msgAdd.AddItem temp.Value(1, i) & Chr(9) & _
        temp.Value(3, i) & Chr(9) & _
        temp.Value(4, i) & Chr(9) & _
        temp.Value(5, i) & Chr(9) & _
        temp.Value(6, i) & Chr(9) & _
        temp.Value(7, i) & Chr(9) & _
        temp.Value(2, i) & Chr(9) & _
        temp.Value(8, i)
End If
Else
    .msgAdd.AddItem temp.Value(1, i)
    .msgAdd.RowHeight(.msgAdd.Rows - 1) = 0
End If
Next i
Case Is = "non-house"
supp_cnt = temp_nohouse.Field(1).count
For i = 1 To supp_cnt
    If temp_nohouse.Value(1, i) <> "D" Then
        If temp_nohouse.Value(9, i) = "Y" Then
            'name address city state
            .txtNPCare(0).Text = temp_nohouse.Value(1, i)
            For k = 1 To 3
                .txtNPCare(k).Text = temp_nohouse.Value(2 + k, i)
            Next k
            'relationship
            item_cnt = .cmbNPCare(0).ListCount - 1
            For k = 0 To item_cnt
                If .cmbNPCare(0).List(k) = temp_nohouse.Value(2, i) Then
                    .cmbNPCare(0).ListIndex = k
                Exit For
            End If
            Next k
            .cmbNPCare(0).Text = temp_nohouse.Value(2, i)
            'zip, phone, age
            thezip = temp_nohouse.Value(6, i)
            If thezip = "" Then
                thezip = blank_zip
            Elseif Right(thezip, 1) = "-" Then
                thezip = thezip & "____"
            Elseif Len(thezip) = 5 Then
                thezip = thezip & "-____"
            End If

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```

.mebNPCare(0).Text = thezip
thephone = temp_nohouse.Value(7, i)
If Trim(thephone) = "" Then
    thephone = blank_phone
End If
If thephone Like "###/###-####" Then
    thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
End If
.mebNPCare(1).Text = thephone
If Len(temp_nohouse.Value(8, i)) < 1 Then
    .mebNPCare(2).Text = "_"
Else
    If Len(temp_nohouse.Value(8, i)) < 2 Then
        .mebNPCare(2).Text = "_" & temp_nohouse.Value(8, i)
    Else
        .mebNPCare(2).Text = temp_nohouse.Value(8, i)
    End If
End If
'0,17 employed; 1,16 reduce;2,15 quit
'3,14 help personal care; 4,13 meal preparation
'5,12 housework; 6,11 mangaing money
'7,10 tranking medication; 8,9 lansportalon
For k = 10 To 12
    If temp_nohouse.Value(k, i) = "Y" Then
        .P_CareGiver(27 - k).Value = 1
    End If
Next k
For k = 16 To 21
    If temp_nohouse.Value(k, i) = "Y" Then
        .P_CareGiver(30 - k).Value = 1
    End If
Next k
'how often, number of visits
If Len(temp_nohouse.Value(13, i)) < 1 Then
    .mebNPCare(4).Text = "_"
Else
    If Len(temp_nohouse.Value(13, i)) < 2 Then
        .mebNPCare(4).Text = "_" & temp_nohouse.Value(13, i)
    Else
        .mebNPCare(4).Text = temp_nohouse.Value(13, i)
    End If
End If
item_cnt = .cmbNPCare(1).ListCount - 1
For k = 0 To item_cnt
    If .cmbNPCare(1).List(k) = temp_nohouse.Value(2, i) Then
        .cmbNPCare(1).ListIndex = k
        Exit For
    End If
Next k
.cmbNPCare(1).Text = temp_nohouse.Value(14, i)
'how many hours for each visit
If Len(temp_nohouse.Value(15, i)) < 1 Then
    .mebNPCare(3).Text = "_"
Else
    If Len(temp_nohouse.Value(15, i)) < 2 Then
        .mebNPCare(3).Text = "_" & temp_nohouse.Value(15, i)
    Else
        .mebNPCare(3).Text = temp_nohouse.Value(15, i)
    End If
End If
Else
    .msgAddUn.AddItem temp_nohouse.Value(1, i) & Chr(9) & _
        temp_nohouse.Value(3, i) & Chr(9) & _
        temp_nohouse.Value(4, i) & Chr(9) & _
        temp_nohouse.Value(5, i) & Chr(9) & _
        temp_nohouse.Value(6, i) & Chr(9) & _
        temp_nohouse.Value(7, i) & Chr(9) & _
        temp_nohouse.Value(2, i) & Chr(9) & _
        temp_nohouse.Value(8, i)
End If
Else
    .msgAddUn.AddItem temp_nohouse.Value(1, i)
    .msgAddUn.RowHeight(.msgAddUn.Rows - 1) = 0
End If
Next i
End Select
End With
Case Is = 3
'supp_cnt = referral_record.Field(128).count
'supp_cnt = temp.Field(1).count
With frmMssp
    For i = 1 To supp_cnt
        If temp.Value(1, i) <> "D" Then
            .msginfo.AddItem temp.Value(1, i) & Chr(9) & _
                temp.Value(2, i)
        End If
    Next i
End With
Else

```

```

        .msginfo.AddItem temp.Value(1, i)
        .msginfo.RowHeight(.msginfo.Rows - 1) = 0
    End If
Next i
supp_cnt = temp_formal.Field(1).count
For i = 1 To supp_cnt
    If temp_formal.Value(1, i) <> "D" Then
        .msgformal.AddItem temp_formal.Value(1, i) & Chr(9) & _
            temp_formal.Value(2, i)
    Else
        .msgformal.AddItem temp_formal.Value(1, i)
        .msgformal.RowHeight(.msgformal.Rows - 1) = 0
    End If
Next i
End With

End Select
Unload frminfo_supp_sys
End Function
Sub cancel_pace()
    Call clear_PACE
    With frmPace
        .SSTab1.Tab = 0
        .cmbAssess_id.Enabled = True
        .mnuUpdate.Enabled = False
        .mnuAction.Enabled = False
        .mnuNewassessment.Enabled = True
        .mnuRept.Enabled = False
        .cmdDepr.Enabled = False
        .cmdMnse.Enabled = False
    End With
    adliadl_file.UnlockFile
    adliadl_file.CloseFile
    pacesw_file.UnlockFile
    pacesw_file.CloseFile
    If error_opening(pacesw_file, "PACESW") Then
        MsgBox "Error canceling PACE. Ending program.", vbCritical, "Error...ending program."
    End If
    Else
    End If
    If error_opening(adliadl_file, "ADLIADL") Then
        MsgBox "Error canceling ADLIADL in PACE. Ending program.", vbCritical, "Error...ending program."
    End If
    Else
    End If
End Sub

Sub clear_PACE()
    With frmPace
        .labelTitle.Caption = ""
        'assessment date
        .txtAssessDate.Text = ""
        'assessment evaluate number
        .txtAssessEval.Text = ""
        'social woker name
        .txtcm(0).Text = ""
        'presentiin psychosocial problem(s)
        .txtPsycProb.Text = ""
        'family adn social history
        .txtFamiSocl.Text = ""
        'psychiatric history
        .txtPsycHist.Text = ""
        'does participant have a history of "S" or "H" Ideations
        .Check2(0).Value = 0
        'does he/she currently have S/I or H/I
        .Check2(2).Value = 0
        'is there currently a "S" or "H" plan
        .Check2(5).Value = 0
        'explanation of "S" or "H" plan
        .txtPlan.Text = ""
        'does participant currently have means to harmself or others
        .Check2(4).Value = 0
        'explanation of means to harmslf or others
        .txtHarmSelf.Text = ""
        'does participant have a history of "S" or "H" attempts
        .Check2(1).Value = 0
        'date(s) and reason(S) for "S" or "H" attempts
        .txtSuicHornI.Text = ""
        'mental status alertness
        .cboS_W_Alertness.ListIndex = -1
        '0-2 age; 3-6 dress; 7-12 hygiene
        For i = 0 To 12
            .chkAge(i).Value = 0
        Next i
        'eye contact
        For i = 0 To 3

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```

.chkEyeCont(i).Value = 0
Next i
'physical activity
For i = 1 To 5
.chkS_W_Physical_Activity(i).Value = 0
Next i
'verbal behavior
For i = 0 To 6
.chkVerbBeha(i).Value = 0
Next i
'other for verbal behavior
.txtVerbBeha.Text = ""
'0-6 attitude
'7 has history of "wandering"
For i = 1 To 7
.chkS_W_Behavior(i).Value = 0
Next i
'other for attitude
.txtBehaAtti.Text = ""
'affect
For i = 1 To 6
.chkS_W_Affect(i).Value = 0
Next i
'mood
For i = 1 To 6
.chkS_W_Mood(i).Value = 0
Next i
.txtMood.Text = ""
'G.D.S. score
.txtGDS.Text = ""
'M.S.Q
.Text1.Text = ""
'sleep
.chknm1.Value = 0
.chkHyper.Value = 0
.chkNightMare.Value = 0
'sleep: insomnic
.chkInitt1.Value = 0
.chkIntrmitt1.Value = 0
.chkMorning.Value = 0
'sleep: other
.txtSleep.Text = ""
'appetite
For i = 0 To 3
.chkAppe(i).Value = 0
Next i
'reality testing
'hallucinations
For i = 0 To 5
.chkHall(i).Value = 0
Next i
'delusions
For i = 0 To 6
.chkDelu(i).Value = 0
Next i
'other
.txtDelu.Text = ""
'orientation
For i = 1 To 4
.cboS_W_Orientation(i).ListIndex = -1
Next i
'informal and formal in-home supportive services
.cmbInHome.ListIndex = -1
.cmbInHome.Text = ""
'self report of health status
.cmbSelfRept.ListIndex = -1
.cmbSelfRept.Text = ""
'satisfaction with program
.cmbSati.ListIndex = -1
.cmbSati.Text = ""
'informal support
'name address city state
For i = 0 To 3
.txtHPCare(i).Text = ""
.txtINPCare(i).Text = ""
Next i
'relationship
.cmbHPCare(0).ListIndex = -1
.cmbHPCare(0).Text = ""
.cmbNPCare(0).ListIndex = -1
.cmbNPCare(0).Text = ""
'zip, phone, age
.mebHPCare(0).Text = blank_zip
.mebHPCare(1).Text = blank_phone
.mebHPCare(2).Text = ""
.mebNPCare(0).Text = blank_zip

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```

.mebNPcare(1).Text = blank_phone
.mebNPcare(2).Text = "___"
'0,17 employed; 1,16 reduce;2,15 quit
'3,14 help personal care; 4,13 meal preparation
'5,12 housework; 6,11 mangaing money
'7,10 tranking medication; 8,9 tansportaion
For i = 0 To 17
    .P_CareGiver(i).Value = 0
Next i
'non-household
'how often, number of visits
.mebNPcare(4).Text = "___"
.cmbNPCare(1).ListIndex = -1
'how many hours for each visit
.mebNPcare(3).Text = "___"
'legal representative
'type
.cmbPrsnt.ListIndex = -1
For i = 0 To 3
    'o name; 1 address; 2 city; 3 state
    .txtPrsn(i).Text = ""
Next i
.mebLprsn(0).Text = blank_zip
.mebLprsn(1).Text = blank_phone
'relationship
.cmblegalrelate.ListIndex = -1
'medication for
For i = 0 To 3
    .Check1(i).Value = 0
Next
'quarterly report
.txtPsyRpt.Text = ""
.txtProblem.Text = ""
.txtTreatment.Text = ""
'chart number
.txtchart.Text = ""
.cmbcharloc.ListIndex = -1
Call init_pace_grid
End With
End Sub

Public Sub init_pace_grid()
    'assessment date
    With frmPace.cmbAssess_id
        .Clear
        assess_cnt = new_assessment.Field(4).count
        For i = 1 To assess_cnt
            .AddItem new_assessment.Value(4, i)
        Next i
    End With
    'initial the location list
    Dim location_reocord As IUvDynArray
    With frmPace.cmbcharloc
        .Clear
        If session.IsActive Then
            Set Location_list = session.SelectList(0)
            Location_list.ClearList
            session.Command.Text = "SELECT LAB WITH NAME >= ""HEALTHCARE HEALTH SERVICES"" AND <= ""HEALTHCARE HEALTH SERVICES-
PACE PROGRAM"" OR NAME = ""MSSP-POMONA""
            On Error Resume Next
            session.Command.Exec
            If session.Error <> 0 Then
                MsgBox "UVError selecting LAB items!", vbCritical, "UVERROR"
                Exit Sub
            End If
            lab_file.RecordId = Location_list.Next
            Do While Not Location_list.LastRecordRead
                lab_file.Read
                If lab_file.Error <> 0 Then
                    MsgBox "UVError reading location record " & Location_file.RecordId & ".", vbCritical, "UVError"
                End If
                loclen = 5 - Len(lab_file.RecordId)
                If loclen = 0 Then
                    locnum = lab_file.RecordId & "-"
                Else
                    locnum = lab_file.RecordId & Space(loclen) & "-"
                End If
                Set location_reocord = lab_file.Record
                If CStr(location_reocord.Field(1)) Like "HEALTHCARE*" Then
                    If CStr(location_reocord.Field(1)) Like "HEALTHCARE HEALTH SERVICES-*" Then
                        locdesc = session.Oconv(location_reocord.Field(1), "G1-1")
                    Else
                        locdesc = session.Oconv(location_reocord.Field(1), "G3 1")
                    End If
                Else
                    locdesc = location_reocord.Field(1)
                End If
            End While
        End With
    End Sub

```

```

        End If
        .AddItem locnum & locdesc
        lab_file.RecordId = Location_list.Next
    Loop
    .AddItem "I = ICMP PROGRAM"
Else
    MsgBox "Error reading LAB file! Ending program!", vbCritical, "ERROR"
End
End If
End With
With frmPace.msflexDiagCode
    .Clear
    .Rows = 1
    .Cols = 2
    .ColWidth(1) = 3000
    .TextMatrix(0, 0) = "Code"
    .TextMatrix(0, 1) = "Description"
End With
'initial household additional caregiver grid
With frmPace.msfgAdd
    .Clear
    .Rows = 1
    .Cols = 8
    .ColWidth(0) = 1440
    .ColWidth(1) = 3000
    .ColWidth(2) = (1440 + 640) / 2
    .ColWidth(3) = (1440 + 640) / 2
    .ColWidth(4) = (1440 + 640) / 2
    .ColWidth(5) = 1440
    .ColAlignment(0) = 1
    .ColAlignment(1) = 1
    .ColAlignment(2) = 1
    .ColAlignment(3) = 1
    .ColAlignment(4) = 1
    .ColAlignment(5) = 1
    .TextMatrix(0, 0) = "Name"
    .TextMatrix(0, 1) = "Address"
    .TextMatrix(0, 2) = "City"
    .TextMatrix(0, 3) = "state"
    .TextMatrix(0, 4) = "Zip"
    .TextMatrix(0, 5) = "Phone"
    .TextMatrix(0, 6) = "Relationship"
    .TextMatrix(0, 7) = "Age"
End With

'initial non household additional caregiver grid
With frmPace.msfgAddUn
    .Clear
    .Rows = 1
    .Cols = 8
    .ColWidth(0) = 1440
    .ColWidth(1) = 3000
    .ColWidth(2) = (1440 + 640) / 2
    .ColWidth(3) = (1440 + 640) / 2
    .ColWidth(4) = (1440 + 640) / 2
    .ColWidth(5) = 1440
    .ColAlignment(0) = 1
    .ColAlignment(1) = 1
    .ColAlignment(2) = 1
    .ColAlignment(3) = 1
    .ColAlignment(4) = 1
    .ColAlignment(5) = 1
    .TextMatrix(0, 0) = "Name"
    .TextMatrix(0, 1) = "Address"
    .TextMatrix(0, 2) = "City"
    .TextMatrix(0, 3) = "state"
    .TextMatrix(0, 4) = "Zip"
    .TextMatrix(0, 5) = "Phone"
    .TextMatrix(0, 6) = "Relationship"
    .TextMatrix(0, 7) = "Age"
    .Rows = 1
End With
item_cnt = new_assessment.Field(4).count
frmPace.cmbAssess_id.Clear
For i = 1 To item_cnt
    the_Date = session.Oconv(new_assessment.Value(4, i), "D4")
    If the_Date <> "" Then
        frmPace.cmbAssess_id.AddItem the_Date
    End If
Next i
End Sub

'routines for informal support system
Sub init_frminfo_supp_sys(Index As Integer)
    'routine to initialize screen for new caregiver of informalsupport system

```



```

With frmInfo_supp_sys
.txtinfoaddr.Text = ""
.txtinfofocity.Text = ""
.txtinfofname.Text = ""
.txtstate.Text = ""
.txtage.Text = ""
.txtlphone.Text = blank_phone
.txtzip.Text = blank_zip
.chkADL.Value = 0
.chkhouse.Value = 0
.chkMeal.Value = 0
.chkmedi.Value = 0
.chkmoney.Value = 0
.chkquit.Value = 0
.chkreduce.Value = 0
.chkTrans.Value = 0
.chkemployed.Value = 0
.cmbinfofrelate.ListIndex = -1
.cmbinfofrelate.Text = ""
Select Case CallNO
Case Is = 4
.Label23.Visible = False
.Label24.Visible = False
.txtvisit.Visible = False
.txthrs.Visible = False
.cmbper.Visible = False
.lblgv(7).Visible = False
.lblgv(8).Visible = False
Case Is = 5
.Label23.Visible = True
.Label24.Visible = True
.txtvisit.Visible = True
.txthrs.Visible = True
.cmbper.Visible = True
.lblgv(7).Visible = True
.lblgv(8).Visible = True
.txtvisit.Text = ""
.txthrs.Text = ""
.cmbper.ListIndex = -1
.cmbper.Text = ""
End Select
End With
End Sub

Function delete_info_supp(caregiver_name As Variant)
'routine to delete the diag code in form
resp = MsgBox("Are you sure you want to Delete the caregiver, " & caregiver_name & ", from this referral?", vbYesNo + vbDefaultButton2, "Delete?")
Select Case CallNO
Case Is = 4
With frmPace.msfgAdd
currow = .Row
If currow > 0 Then
cur_index = Trim(.TextMatrix(currow, 0))
If resp = vbYes Then
If .Row > 0 Then
.RowHeight(currow) = 0
currow = currow + 1
house_info_supp_record.Value(1, currow) = "D"
End If
If currow = 1 Then
Else
.RemoveItem (currow)
currow = currow + 1
house_info_supp_record.Value(1, currow) = "D"
End If
Else
Exit Function
End If
End If
End With
Case Is = 5
With frmPace.msfgAddUn
currow = .Row
If currow > 0 Then
cur_index = Trim(.TextMatrix(currow, 0))
If resp = vbYes Then
If .Row > 0 Then
.RowHeight(currow) = 0
currow = currow + 1
non_house_info_supp_record.Value(1, currow) = "D"
End If
If currow = 1 Then
Else
.RemoveItem (currow)
currow = currow + 1
house_info_supp_record.Value(1, currow) = "D"

```

```

        End If
    Else
        Exit Function
    End If
End If
End With
CallNO = 4
End Select
End Function

Function display_info_supp() As Boolean
Select Case CallNO
Case Is = 4
    With frmInfo_supp_sys
        If frmPace.msfgAdd.Row >= 1 Then
            Call init_frmInfo_supp_sys(0)
            currow = frmPace.msfgAdd.Row + 1
            .txtInfoName.Text = house_info_supp_record.Value(1, currow)
            .txtInfoAddr.Text = house_info_supp_record.Value(3, currow)
            .txtInfoCity.Text = house_info_supp_record.Value(4, currow)
            .txtState.Text = house_info_supp_record.Value(5, currow)
            'zip, phone, age
            thezip = house_info_supp_record.Value(6, currow)
            If thezip = "" Then
                thezip = blank_zip
            ElseIf Right(thezip, 1) = "-" Then
                thezip = thezip & "____"
            ElseIf Len(thezip) = 5 Then
                thezip = thezip & "-____"
            End If
            .txtzip.Text = thezip
            thephone = house_info_supp_record.Value(7, currow)
            If Trim(thephone) = "" Then
                thephone = blank_phone
            End If
            If thephone Like "#####-####" Then
                thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
            End If
            .txtphone.Text = thephone
            If Len(house_info_supp_record.Value(8, currow)) < 1 Then
                .txtage.Text = "_"
            Else
                If Len(house_info_supp_record.Value(8, currow)) < 2 Then
                    .txtage.Text = "_" & house_info_supp_record.Value(8, currow)
                Else
                    .txtage.Text = house_info_supp_record.Value(8, currow)
                End If
            End If
            .cmbInforelate.Text = house_info_supp_record.Value(2, currow)
            If house_info_supp_record.Value(10, currow) = "Y" Then
                .chkEmployed.Value = 1
            Else
                .chkEmployed.Value = 0
            End If
            If house_info_supp_record.Value(11, currow) = "Y" Then
                .chkReduce.Value = 1
            Else
                .chkReduce.Value = 0
            End If
            If house_info_supp_record.Value(12, currow) = "Y" Then
                .chkQuit.Value = 1
            Else
                .chkQuit.Value = 0
            End If
            If house_info_supp_record.Value(13, currow) = "Y" Then
                .chkADL.Value = 1
            Else
                .chkADL.Value = 0
            End If
            If house_info_supp_record.Value(14, currow) = "Y" Then
                .chkMeal.Value = 1
            Else
                .chkMeal.Value = 0
            End If
            If house_info_supp_record.Value(15, currow) = "Y" Then
                .chkHouse.Value = 1
            Else
                .chkHouse.Value = 0
            End If
            If house_info_supp_record.Value(16, currow) = "Y" Then
                .chkMoney.Value = 1
            Else
                .chkMoney.Value = 0
            End If
            If house_info_supp_record.Value(17, currow) = "Y" Then
                .chkMedi.Value = 1
            End If
        End With
    End Select
End Function

```

```

Else
    .chkmedi.Value = 0
End If
If house_info_supp_record.Value(18, currow) = "Y" Then
    .chkTrans.Value = 1
Else
    .chkTrans.Value = 0
End If
Else
    Exit Function
End If
End With
Case Is = 5
With frmInfo_supp_sys
    If frmPace.msfgAddUn.Row >= 1 Then
        Call init_frmInfo_supp_sys(1)
        currow = frmPace.msfgAddUn.Row + 1
        .txtInfoName.Text = non_house_info_supp_record.Value(1, currow)
        .txtInfoAddr.Text = non_house_info_supp_record.Value(3, currow)
        .txtInfoCity.Text = non_house_info_supp_record.Value(4, currow)
        .txtState.Text = non_house_info_supp_record.Value(5, currow)
        'zip, phone, age
        thezip = non_house_info_supp_record.Value(6, currow)
        If thezip = "" Then
            thezip = blank_zip
        ElseIf Right(thezip, 1) = "-" Then
            thezip = thezip & "____"
        ElseIf Len(thezip) = 5 Then
            thezip = thezip & "-____"
        End If
        .txtzip.Text = thezip
        thephone = non_house_info_supp_record.Value(7, currow)
        If Trim(thephone) = "" Then
            thephone = blank_phone
        End If
        If thephone Like "#####-####" Then
            thephone = "(" & Left(thephone, 3) & ")" & Mid(thephone, 5)
        End If
        .txtphone.Text = thephone
        If Len(non_house_info_supp_record.Value(8, currow)) < 1 Then
            .txtage.Text = ""
        Else
            If Len(non_house_info_supp_record.Value(8, currow)) < 2 Then
                .txtage.Text = "_" & non_house_info_supp_record.Value(8, currow)
            Else
                .txtage.Text = non_house_info_supp_record.Value(8, currow)
            End If
        End If
        .cmbInfoRelate.Text = non_house_info_supp_record.Value(2, currow)
        If non_house_info_supp_record.Value(10, currow) = "Y" Then
            .chkEmployed.Value = 1
        Else
            .chkEmployed.Value = 0
        End If
        If non_house_info_supp_record.Value(11, currow) = "Y" Then
            .chkReduce.Value = 1
        Else
            .chkReduce.Value = 0
        End If
        If non_house_info_supp_record.Value(12, currow) = "Y" Then
            .chkQuit.Value = 1
        Else
            .chkQuit.Value = 0
        End If
        If Len(non_house_info_supp_record.Value(13, currow)) < 1 Then
            .txtVisit.Text = ""
        Else
            If Len(non_house_info_supp_record.Value(13, currow)) < 2 Then
                .txtVisit.Text = "_" & non_house_info_supp_record.Value(13, currow)
            Else
                .txtVisit.Text = non_house_info_supp_record.Value(13, currow)
            End If
        End If
        .cmbPer.Text = non_house_info_supp_record.Value(14, currow)
        If Len(non_house_info_supp_record.Value(15, currow)) < 1 Then
            .txtThrs.Text = ""
        Else
            If Len(non_house_info_supp_record.Value(15, currow)) < 2 Then
                .txtThrs.Text = "_" & non_house_info_supp_record.Value(15, currow)
            Else
                .txtThrs.Text = non_house_info_supp_record.Value(15, currow)
            End If
        End If
        If non_house_info_supp_record.Value(16, currow) = "Y" Then
            .chkADL.Value = 1
        Else

```

```

        .chkADL.Value = 0
    End If
    If non_house_info_supp_record.Value(17, currow) = "Y" Then
        .chkMeal.Value = 1
    Else
        .chkMeal.Value = 0
    End If
    If non_house_info_supp_record.Value(18, currow) = "Y" Then
        .chkhouse.Value = 1
    Else
        .chkhouse.Value = 0
    End If
    If non_house_info_supp_record.Value(19, currow) = "Y" Then
        .chkmoney.Value = 1
    Else
        .chkmoney.Value = 0
    End If
    If non_house_info_supp_record.Value(20, currow) = "Y" Then
        .chkmedi.Value = 1
    Else
        .chkmedi.Value = 0
    End If
    If non_house_info_supp_record.Value(21, currow) = "Y" Then
        .chkTrans.Value = 1
    Else
        .chkTrans.Value = 0
    End If
Else
    Exit Function
    CallNO = 4
End If

End With
'CallNO = 4
End Select
frminfo_supp_sys.Caption = "Edit Info. Support"
frminfo_supp_sys.Show vbModal
End Function

Function save_info_supp_record() As Boolean
    Select Case frminfo_supp_sys.Caption
        Case Is = "Edit Info. Support"
            'use old record id
            With frminfo_supp_sys
                Select Case CallNO
                    Case Is = 4
                        currow = frmPace.msfgAdd.Row
                        frmPace.msfgAdd.TextMatrix(currow, 0) = Trim(.txtinfofname.Text)
                        frmPace.msfgAdd.TextMatrix(currow, 1) = Trim(.txtinfoaddr.Text)
                        frmPace.msfgAdd.TextMatrix(currow, 2) = Trim(.txtinfofocity.Text)
                        frmPace.msfgAdd.TextMatrix(currow, 3) = Trim(.txtstate.Text)
                        frmPace.msfgAdd.TextMatrix(currow, 4) = Trim(.txtzip.Text)
                        frmPace.msfgAdd.TextMatrix(currow, 5) = Trim(.txtphone.Text)
                        frmPace.msfgAdd.TextMatrix(currow, 6) = .cmbinforelate.Text
                        frmPace.msfgAdd.TextMatrix(currow, 7) = Trim(.txtlage.Text)
                        currow = currow + 1
                        house_info_supp_record.Value(1, currow) = Trim(.txtinfofname.Text)
                        house_info_supp_record.Value(3, currow) = Trim(.txtinfoaddr.Text)
                        house_info_supp_record.Value(4, currow) = Trim(.txtinfofocity.Text)
                        house_info_supp_record.Value(5, currow) = Trim(.txtstate.Text)
                        thezip = Trim(.txtzip.FormattedText)
                        If thezip = Trim(blank_zip2) Then
                            thezip = ""
                        ElseIf Len(thewzip) = 6 Then
                            thezip = Left(thewzip, 5)
                        End If
                        house_info_supp_record.Value(6, currow) = thezip

                        thephone = .txtphone.FormattedText
                        If thephone = blank_phone2 Then
                            thephone = ""
                        End If
                        house_info_supp_record.Value(7, currow) = thephone
                        house_info_supp_record.Value(2, currow) = .cmbinforelate.Text
                        house_info_supp_record.Value(8, currow) = Trim(.txtlage.FormattedText)
                        house_info_supp_record.Value(9, currow) = "N"
                        If .chkemployed.Value = 1 Then
                            house_info_supp_record.Value(10, currow) = "Y"
                        Else
                            house_info_supp_record.Value(10, currow) = "N"
                        End If
                        If .chkreduce.Value = 1 Then
                            house_info_supp_record.Value(11, currow) = "Y"
                        Else
                            house_info_supp_record.Value(11, currow) = "N"
                        End If
                    End Select
                End With
            End Select
        End Function
    End Select
End Function

```

```

If .chkquit.Value = 1 Then
    house_info_supp_record.Value(12, currow) = "Y"
Else
    house_info_supp_record.Value(12, currow) = "N"
End If
If .chkADL.Value = 1 Then
    house_info_supp_record.Value(13, currow) = "Y"
Else
    house_info_supp_record.Value(13, currow) = "N"
End If
If .chkMeal.Value = 1 Then
    house_info_supp_record.Value(14, currow) = "Y"
Else
    house_info_supp_record.Value(14, currow) = "N"
End If
If .chkhouse.Value = 1 Then
    house_info_supp_record.Value(15, currow) = "Y"
Else
    house_info_supp_record.Value(15, currow) = "N"
End If
If .chkmoney.Value = 1 Then
    house_info_supp_record.Value(16, currow) = "Y"
Else
    house_info_supp_record.Value(16, currow) = "N"
End If
If .chkmedi.Value = 1 Then
    house_info_supp_record.Value(17, currow) = "Y"
Else
    house_info_supp_record.Value(17, currow) = "N"
End If
If .chkTrans.Value = 1 Then
    house_info_supp_record.Value(18, currow) = "Y"
Else
    house_info_supp_record.Value(18, currow) = "N"
End If
Case Is = 5
currow = frmPace.msfgAddUn.Row
frmPace.msfgAddUn.TextMatrix(currow, 0) = Trim(.txtinfoname.Text)
frmPace.msfgAddUn.TextMatrix(currow, 1) = Trim(.txtinfoaddr.Text)
frmPace.msfgAddUn.TextMatrix(currow, 2) = Trim(.txtinfocity.Text)
frmPace.msfgAddUn.TextMatrix(currow, 3) = Trim(.txtstate.Text)
frmPace.msfgAddUn.TextMatrix(currow, 4) = Trim(.txtzip.Text)
frmPace.msfgAddUn.TextMatrix(currow, 5) = Trim(.txtphone.Text)
frmPace.msfgAddUn.TextMatrix(currow, 6) = .cmbinforelate.Text
frmPace.msfgAddUn.TextMatrix(currow, 7) = Trim(.txtage.Text)

currow = currow + 1
non_house_info_supp_record.Value(1, currow) = Trim(.txtinfoname.Text)
non_house_info_supp_record.Value(3, currow) = Trim(.txtinfoaddr.Text)
non_house_info_supp_record.Value(4, currow) = Trim(.txtinfocity.Text)
non_house_info_supp_record.Value(5, currow) = Trim(.txtstate.Text)
thezip = Trim(.txtzip.FormattedText)
If thezip = Trim(blank_zip2) Then
    thezip = ""
ElseIf Len(thezip) = 6 Then
    thezip = Left(thezip, 5)
End If
non_house_info_supp_record.Value(6, currow) = thezip

thephone = .txtphone.FormattedText
If thephone = blank_phone2 Then
    thephone = ""
End If
non_house_info_supp_record.Value(7, currow) = thephone
non_house_info_supp_record.Value(2, currow) = .cmbinforelate.Text
non_house_info_supp_record.Value(8, currow) = Trim(.txtage.FormattedText)
non_house_info_supp_record.Value(9, currow) = "N"
If .chkemployed.Value = 1 Then
    non_house_info_supp_record.Value(10, currow) = "Y"
Else
    non_house_info_supp_record.Value(10, currow) = "N"
End If
If .chkreduce.Value = 1 Then
    non_house_info_supp_record.Value(11, currow) = "Y"
Else
    non_house_info_supp_record.Value(11, currow) = "N"
End If
If .chkquit.Value = 1 Then
    non_house_info_supp_record.Value(12, currow) = "Y"
Else
    non_house_info_supp_record.Value(12, currow) = "N"
End If
non_house_info_supp_record.Value(13, currow) = Trim(.txtvisit.FormattedText)
non_house_info_supp_record.Value(14, currow) = .cmbper.Text
non_house_info_supp_record.Value(15, currow) = Trim(.txthrs.FormattedText)
If .chkADL.Value = 1 Then

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        non_house_info_supp_record.Value(16, currow) = "Y"
    Else
        non_house_info_supp_record.Value(16, currow) = "N"
    End If
    If .chkMeal.Value = 1 Then
        non_house_info_supp_record.Value(17, currow) = "Y"
    Else
        non_house_info_supp_record.Value(17, currow) = "N"
    End If
    If .chkhouse.Value = 1 Then
        non_house_info_supp_record.Value(18, currow) = "Y"
    Else
        non_house_info_supp_record.Value(18, currow) = "N"
    End If
    If .chkmoney.Value = 1 Then
        non_house_info_supp_record.Value(19, currow) = "Y"
    Else
        non_house_info_supp_record.Value(19, currow) = "N"
    End If
    If .chkmedi.Value = 1 Then
        non_house_info_supp_record.Value(20, currow) = "Y"
    Else
        non_house_info_supp_record.Value(20, currow) = "N"
    End If
    If .chkTrans.Value = 1 Then
        non_house_info_supp_record.Value(21, currow) = "Y"
    Else
        non_house_info_supp_record.Value(21, currow) = "N"
    End If
    CallNO = 4
End Select
End With
Case Is = "Add Info. Support"
'assign a new record id
With frmInfo_supp_sys
    If .txtinfofname.Text = "" Then
        MsgBox "The name cannot be empty.", vbCritical, "UVError"
        .txtinfofname.SetFocus
        Exit Function
    End If
    Select Case CallNO
        Case Is = 4
            frmPace.msfgAdd.AddItem Trim(.txtinfofname.Text) & Chr(9) & _
                Trim(.txtinfoaddr.Text) & Chr(9) & _
                Trim(.txtinfofocity.Text) & Chr(9) & _
                Trim(.txtstate.Text) & Chr(9) & _
                Trim(.txtzip.Text) & Chr(9) & _
                Trim(.txtphone.Text) & Chr(9) & _
                .cmbinforelate.Text & Chr(9) & _
                Trim(.txtage.Text)

            currow = frmPace.msfgAdd.Rows
            house_info_supp_record.Value(1, currow) = Trim(.txtinfofname.Text)
            house_info_supp_record.Value(3, currow) = Trim(.txtinfoaddr.Text)
            house_info_supp_record.Value(4, currow) = Trim(.txtinfofocity.Text)
            house_info_supp_record.Value(5, currow) = Trim(.txtstate.Text)
            thezip = Trim(.txtzip.FormattedText)
            If thezip = Trim(blank_zip2) Then
                thezip = ""
            ElseIf Len(thezip) = 6 Then
                thezip = Left(thezip, 5)
            End If
            house_info_supp_record.Value(6, currow) = thezip

            thephone = .txtphone.FormattedText
            If thephone = blank_phone2 Then
                thephone = ""
            End If
            house_info_supp_record.Value(7, currow) = thephone
            house_info_supp_record.Value(2, currow) = .cmbinforelate.Text
            house_info_supp_record.Value(8, currow) = Trim(.txtage.FormattedText)
            house_info_supp_record.Value(9, currow) = "N"
            If .chkemployed.Value = 1 Then
                house_info_supp_record.Value(10, currow) = "Y"
            Else
                house_info_supp_record.Value(10, currow) = "N"
            End If
            If .chkreduce.Value = 1 Then
                house_info_supp_record.Value(11, currow) = "Y"
            Else
                house_info_supp_record.Value(11, currow) = "N"
            End If
            If .chkquit.Value = 1 Then
                house_info_supp_record.Value(12, currow) = "Y"
            Else
                house_info_supp_record.Value(12, currow) = "N"
            End If
        End Select
    End With
End With

```

```

End If
If .chkADL.Value = 1 Then
    house_info_supp_record.Value(13, currow) = "Y"
Else
    house_info_supp_record.Value(13, currow) = "N"
End If
If .chkMeal.Value = 1 Then
    house_info_supp_record.Value(14, currow) = "Y"
Else
    house_info_supp_record.Value(14, currow) = "N"
End If
If .chkhouse.Value = 1 Then
    house_info_supp_record.Value(15, currow) = "Y"
Else
    house_info_supp_record.Value(15, currow) = "N"
End If
If .chkmoney.Value = 1 Then
    house_info_supp_record.Value(16, currow) = "Y"
Else
    house_info_supp_record.Value(16, currow) = "N"
End If
If .chkmedi.Value = 1 Then
    house_info_supp_record.Value(17, currow) = "Y"
Else
    house_info_supp_record.Value(17, currow) = "N"
End If
If .chkTrans.Value = 1 Then
    house_info_supp_record.Value(18, currow) = "Y"
Else
    house_info_supp_record.Value(18, currow) = "N"
End If

Case Is = 5
    frmPace.msfgAddUn.AddItem Trim(.txtinfname.Text) & Chr(9) & _
        Trim(.txtinfoaddr.Text) & Chr(9) & _
        Trim(.txtinfocity.Text) & Chr(9) & _
        Trim(.txtstate.Text) & Chr(9) & _
        Trim(.txtzip.Text) & Chr(9) & _
        Trim(.txtphone.Text) & Chr(9) & _
        .cmbinfofrelate.Text & Chr(9) & _
        Trim(.txtage.Text)
    currow = frmPace.msfgAddUn.Rows
    non_house_info_supp_record.Value(1, currow) = Trim(.txtinfname.Text)
    non_house_info_supp_record.Value(3, currow) = Trim(.txtinfoaddr.Text)
    non_house_info_supp_record.Value(4, currow) = Trim(.txtinfocity.Text)
    non_house_info_supp_record.Value(5, currow) = Trim(.txtstate.Text)
    thezip = Trim(.txtzip.FormattedText)
    If thezip = Trim(blank_zip2) Then
        thezip = ""
    ElseIf Len(thezip) = 6 Then
        thezip = Left(thezip, 5)
    End If
    non_house_info_supp_record.Value(6, currow) = thezip

    thephone = .txtphone.FormattedText
    If thephone = blank_phone2 Then
        thephone = ""
    End If
    non_house_info_supp_record.Value(7, currow) = thephone
    non_house_info_supp_record.Value(2, currow) = .cmbinfofrelate.Text
    non_house_info_supp_record.Value(8, currow) = Trim(.txtage.FormattedText)
    non_house_info_supp_record.Value(9, currow) = "N"
    If .chkemployed.Value = 1 Then
        non_house_info_supp_record.Value(10, currow) = "Y"
    Else
        non_house_info_supp_record.Value(10, currow) = "N"
    End If
    If .chkreduce.Value = 1 Then
        non_house_info_supp_record.Value(11, currow) = "Y"
    Else
        non_house_info_supp_record.Value(11, currow) = "N"
    End If
    If .chkquit.Value = 1 Then
        non_house_info_supp_record.Value(12, currow) = "Y"
    Else
        non_house_info_supp_record.Value(12, currow) = "N"
    End If
    non_house_info_supp_record.Value(13, currow) = Trim(.txtvisit.FormattedText)
    non_house_info_supp_record.Value(14, currow) = .cmbper.List(.cmbper.ListIndex)
    non_house_info_supp_record.Value(15, currow) = Trim(.txthrs.FormattedText)
    If .chkADL.Value = 1 Then
        non_house_info_supp_record.Value(16, currow) = "Y"
    Else
        non_house_info_supp_record.Value(16, currow) = "N"
    End If
    If .chkMeal.Value = 1 Then

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        non_house_info_supp_record.Value(17, currow) = "Y"
    Else
        non_house_info_supp_record.Value(17, currow) = "N"
    End If
    If .chkhouse.Value = 1 Then
        non_house_info_supp_record.Value(18, currow) = "Y"
    Else
        non_house_info_supp_record.Value(18, currow) = "N"
    End If
    If .chkmoney.Value = 1 Then
        non_house_info_supp_record.Value(19, currow) = "Y"
    Else
        non_house_info_supp_record.Value(19, currow) = "N"
    End If
    If .chkmedi.Value = 1 Then
        non_house_info_supp_record.Value(20, currow) = "Y"
    Else
        non_house_info_supp_record.Value(20, currow) = "N"
    End If
    If .chkTrans.Value = 1 Then
        non_house_info_supp_record.Value(21, currow) = "Y"
    Else
        non_house_info_supp_record.Value(21, currow) = "N"
    End If
    Call NO = 4
End Select
End With
End Select
Unload frmInfo_supp_sys
End Function
Sub save_SSW_env_safety()
'J.L. 7/13/2002 routine to save the results of
'FORM frmEnvironmental_safety to temporary array
'temp_safety_record for social workers
With frmEnvironmental_Safety
    If .chkloose_rug.Value = 1 Then
        temp_adliadl_record.Value(64, 1) = "Y"
    Else
        temp_adliadl_record.Value(64, 1) = "N"
    End If
    If .chkElectrical_Cords.Value = 1 Then
        temp_adliadl_record.Value(64, 2) = "Y"
    Else
        temp_adliadl_record.Value(64, 2) = "N"
    End If
    If .chkCluttered_House.Value = 1 Then
        temp_adliadl_record.Value(64, 3) = "Y"
    Else
        temp_adliadl_record.Value(64, 3) = "N"
    End If
    If .chkUnclean_House.Value = 1 Then
        temp_adliadl_record.Value(64, 4) = "Y"
    Else
        temp_adliadl_record.Value(64, 4) = "N"
    End If
    If .chkInadequate_Kitchen_Facilities.Value = 1 Then
        temp_adliadl_record.Value(64, 5) = "Y"
    Else
        temp_adliadl_record.Value(64, 5) = "N"
    End If
    If .chkInadequate_Bathroom_Facilities.Value = 1 Then
        temp_adliadl_record.Value(64, 6) = "Y"
    Else
        temp_adliadl_record.Value(64, 6) = "N"
    End If
    If .chkInadequate_Heating.Value = 1 Then
        temp_adliadl_record.Value(64, 7) = "Y"
    Else
        temp_adliadl_record.Value(64, 7) = "N"
    End If
    If .chkInadequate_Cooling.Value = 1 Then
        temp_adliadl_record.Value(64, 8) = "Y"
    Else
        temp_adliadl_record.Value(64, 8) = "N"
    End If
    If .chkPhone_Accessibility.Value = 1 Then
        temp_adliadl_record.Value(64, 9) = "Y"
    Else
        temp_adliadl_record.Value(64, 9) = "N"
    End If
    If .chkUnsafe_Stairs.Value = 1 Then
        temp_adliadl_record.Value(64, 10) = "Y"
    Else
        temp_adliadl_record.Value(64, 10) = "N"
    End If
    If .chkbarred_window.Value = 1 Then

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        temp_adliadl_record.Value(64, 11) = "Y"
    Else
        temp_adliadl_record.Value(64, 11) = "N"
    End If
    If .Chkvermin.Value = 1 Then
        temp_adliadl_record.Value(64, 12) = "Y"
    Else
        temp_adliadl_record.Value(64, 12) = "N"
    End If
    If .Chkfood_supply.Value = 1 Then
        temp_adliadl_record.Value(64, 13) = "Y"
    Else
        temp_adliadl_record.Value(64, 13) = "N"
    End If
    If .Chkcloth_supply.Value = 1 Then
        temp_adliadl_record.Value(64, 14) = "Y"
    Else
        temp_adliadl_record.Value(64, 14) = "N"
    End If
    temp_adliadl_record.Field(63) = .txtcomments.Text
End With
End Sub

```

```

Sub display_SSW_env_safety()
'J.L. 7/13/2002 routine to display the Safety data
'from adliadl_record
With frmEnvironmental_Safety
    If temp_adliadl_record.Value(64, 1) = "Y" Then
        .chkloose_rug.Value = 1
    Else
        .chkloose_rug.Value = 0
    End If
    If temp_adliadl_record.Value(64, 2) = "Y" Then
        .chkElectrical_Cords.Value = 1
    Else
        .chkElectrical_Cords.Value = 0
    End If
    If temp_adliadl_record.Value(64, 3) = "Y" Then
        .chkCluttered_House.Value = 1
    Else
        .chkCluttered_House.Value = 0
    End If
    If temp_adliadl_record.Value(64, 4) = "Y" Then
        .chkUnclean_House.Value = 1
    Else
        .chkUnclean_House.Value = 0
    End If
    If temp_adliadl_record.Value(64, 5) = "Y" Then
        .chkInadequate_Kitchen_Facilities.Value = 1
    Else
        .chkInadequate_Kitchen_Facilities.Value = 0
    End If
    If temp_adliadl_record.Value(64, 6) = "Y" Then
        .chkInadequate_Bathroom_Facilities.Value = 1
    Else
        .chkInadequate_Bathroom_Facilities.Value = 0
    End If
    If temp_adliadl_record.Value(64, 7) = "Y" Then
        .chkInadequate_Heating.Value = 1
    Else
        .chkInadequate_Heating.Value = 0
    End If
    If temp_adliadl_record.Value(64, 8) = "Y" Then
        .chkInadequate_Cooling.Value = 1
    Else
        .chkInadequate_Cooling.Value = 0
    End If
    If temp_adliadl_record.Value(64, 9) = "Y" Then
        .chkPhone_Accessibility.Value = 1
    Else
        .chkPhone_Accessibility.Value = 0
    End If
    If temp_adliadl_record.Value(64, 10) = "Y" Then
        .chkUnsafe_Stairs.Value = 1
    Else
        .chkUnsafe_Stairs.Value = 0
    End If
    If temp_adliadl_record.Value(64, 11) = "Y" Then
        .Chkbarred_window = 1
    Else
        .Chkbarred_window.Value = 0
    End If
    If temp_adliadl_record.Value(64, 12) = "Y" Then
        .Chkvermin.Value = 1
    Else
        .Chkvermin.Value = 0
    End If

```

```

End If
If temp_adliadl_record.Value(64, 13) = "Y" Then
    .Chkfood_supply.Value = 1
Else
    .Chkfood_supply.Value = 0
End If
If temp_adliadl_record.Value(64, 14) = "Y" Then
    .Chkcloth_supply.Value = 1
Else
    .Chkcloth_supply.Value = 0
End If
.txtcomments.Text = temp_adliadl_record.Field(63).TextValue
.chkStructural_damage.Enabled = False
.chkPlumb.Enabled = False
.txtSafetyOther.Enabled = False
End With
End Sub
Sub display_SSW_Equipment()
'JL 8.17.2001 routine to display the equipment data
'from temp_equipment_record
With frmNeeded_Equipment
    numequip = .chkHas.UBound
    For i = 1 To numequip
        If i > 12 Then
            .chkHas(i).Enabled = False
            .chkDoes_Not_Have(i).Enabled = False
        Else
            If temp_equipment_record.Value(1, i) = "HAS" Then
                .chkHas(i).Value = 1
            Else
                .chkHas(i).Value = 0
            End If
            If temp_adliadl_record.Value(65, i) = "NEEDS" Then
                .chkDoes_Not_Have(i).Value = 1
            Else
                .chkDoes_Not_Have(i).Value = 0
            End If
        End If
    Next i
    .txtNEqui.Text = temp_adliadl_record.Field(62).TextValue
End With
End Sub

Public Sub init_reassessment_ques()
    ques(0) = "1. Client Description: ( Age, living arrangement, physical appearance and presentation)"
    ques(1) = "2. Health: (Diagnosis; changes in general health status; health practices, medical compliance, nutrition, continence; problematic signs or symptoms, frequency and adequacy of health care)"
    ques(2) = "3. Medications: (Medication use/interactions, ability to self manage)"
    ques(3) = "4. ADL/IADL Functioning Levels: (Changes in ambulatory status, functional abilities, assistive devices, area of unmet need; support for LOC finding)"
    ques(4) = "5. Caregiver: (Formal and informal support, reliability and skill level of caregiver, degree of caregiver stress, evidence of caregiver health or financial problems)"
    ques(5) = "6. Environmental Safety: (Adequacy of home; safety and accessibility considerations)"
    ques(6) = "7. Cognitive/Psychological: (Changes in orientation, memory, ability to resolve problems, depression," & _
        " mental health; response to losses; significance of current problems to client)"
    ques(7) = "8. Social Network: (Family, friends, quality of relationships, losses, leisure activities)"
    ques(8) = "9. Abuse: (Evidence of abuse, neglect, exploitation)"
    ques(9) = "10. Finances: (Entitlements, ability to manage own affairs, problematic expenses, indication of exploitation or mismanagement)"
    ques(10) = "11. Services: (Include purchased, referred services; services refused)"
    ques(11) = "12. Client Concerns: (What the client and family want from MSSP)"
    ques(12) = "13. Indications for Case management:"
End Sub

Public Sub init_init_psy_ques()
    ques(0) = "1. BRIEF CLIENT DESCRIPTION/SIGNIFICANT HISTORY"
    ques(1) = "2. LIVING ARRANGEMENTS/ENVIRONMENTAL SAFETY"
    ques(2) = "3. COGNITIVE/PSYCHOLOGICAL FUNCTIONING"
    ques(3) = "4. PHYSICAL FUNCTIONING"
    ques(4) = "5. CAREGIVER/FAMILY AND SOCIAL NETWORK"
    ques(5) = "6. FORMAL SERVICES"
    ques(6) = "7. OTHER/FINACIAL/LEGAL"
End Sub

Sub save_MSQ()
'J.L. 7/13/2002 routine to save the results of
'FORM frmQstNaire to temporary array
'mini metal questionnaire for social workers
With frmQstNaire
    For i = 0 To 9
        If .chkQst(i).Value = 1 Then
            temp_adliadl_record.Field(95 + i) = "Y"
        Else
            temp_adliadl_record.Field(95 + i) = "N"
        End If
    Next i
    temp_adliadl_record.Field(105) = .txtQst(0).Text
End With

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    If CallNO = 4 Then
        frmPace.Text1.Text = .txtQst(0).Text
    End If
End With
End Sub

Sub display_MSQ()
'J.L. 7/13/2002 routine to display the mini metal questionnaire
'from adliadl_record
With frmQstNaire
    For i = 0 To 9
        If temp_adliadl_record.Field(95 + i) = "Y" Then
            .chkQst(i).Value = 1
        Else
            .chkQst(i).Value = 0
        End If
    Next i
    .txtQst(0).Text = temp_adliadl_record.Field(105)
    .txtQst(1).Text = 10 - Val(.txtQst(0).Text)
End With
End Sub

Sub display_GDS()
'J.L. 7/13/2002 routine to display the short depress scale
'from adliadl_record
With frmDepress
    For i = 0 To 9
        If temp_adliadl_record.Value(66, i + 1) = 1 Then
            .chkNo(i).Value = 0
            .chkYes(i).Value = 1
        Else
            If temp_adliadl_record.Value(66, i + 1) = 0 Then
                .chkNo(i).Value = 1
                .chkYes(i).Value = 0
            End If
        End If
    Next i
    .lblTotal.Caption = temp_adliadl_record.Field(67)
    If .lblTotal.Caption <> "" Then
        If Val(.lblTotal.Caption) >= 0 And Val(.lblTotal.Caption) <= 5 Then
            .chkNormal.Value = 1
            .chkNormal.Enabled = True
            .chkMild.Value = 0
            .chkMild.Enabled = False
            .chkMdrd.Value = 0
            .chkMdrd.Enabled = False
        End If
        If Val(.lblTotal.Caption) >= 6 And Val(.lblTotal.Caption) <= 10 Then
            .chkNormal.Value = 0
            .chkNormal.Enabled = False
            .chkMild.Value = 1
            .chkMild.Enabled = True
            .chkMdrd.Value = 0
            .chkMdrd.Enabled = False
        End If
        If Val(.lblTotal.Caption) >= 11 And Val(.lblTotal.Caption) <= 15 Then
            .chkNormal.Value = 0
            .chkNormal.Enabled = False
            .chkMild.Value = 0
            .chkMild.Enabled = False
            .chkMdrd.Value = 1
            .chkMdrd.Enabled = True
        End If
    Else
        .chkNormal.Value = 0
        .chkMild.Value = 0
        .chkMdrd.Value = 0
    End If
    .Text2.Text = temp_adliadl_record.Field(68)
    .Text1.Text = frm_patient.txtname.Text & ", " & frm_patient.txtfirst_name.Text
End With
End Sub

Sub save_GDS()
'J.L. 7/13/2002 routine to save the results of
'FORM frmQstNaire to temporary array
'mini metal questionnaire for social workers
With frmDepress
    For i = 0 To 9
        If .chkYes(i).Value = 1 Then
            temp_adliadl_record.Value(66, i + 1) = 1
        Else
            temp_adliadl_record.Value(66, i + 1) = 0
        End If
    Next i
    temp_adliadl_record.Field(67) = .lblTotal.Caption
    temp_adliadl_record.Field(68) = .Text2.Text
    If CallNO = 4 Then

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        frmPace.txtGDS.Text = .lblTotal.Caption
    End If
End With
End Sub

'routines for mini Assessment
Function display_mini_assess() As Boolean
'returns false if cannot display ADLIADL
display_mini_assess_record = True
With frmMiniAsse
    'eating
    If temp_adliadl_record.Field(1) <> "" Then
        .chkAllnde(1).Value = 1
    Else
        .chkAllnde(1).Value = 0
    End If
    If temp_adliadl_record.Value(2, 2) = "Y" Then
        .chkAllHave(1).Value = 1
    Else
        .chkAllHave(1).Value = 0
    End If
    If temp_adliadl_record.Value(2, 5) = "Y" Then
        .chkAllNeed(1).Value = 1
    Else
        .chkAllNeed(1).Value = 0
    End If
    'dressing
    If temp_adliadl_record.Field(4) <> "" Then
        .chkAllnde(2).Value = 1
    Else
        .chkAllnde(2).Value = 0
    End If
    If temp_adliadl_record.Value(5, 2) = "Y" Then
        .chkAllHave(2).Value = 1
    Else
        .chkAllHave(2).Value = 0
    End If
    If temp_adliadl_record.Value(5, 5) = "Y" Then
        .chkAllNeed(2).Value = 1
    Else
        .chkAllNeed(2).Value = 0
    End If
    'bathing
    If temp_adliadl_record.Field(10) <> "" Then
        .chkAllnde(3).Value = 1
    Else
        .chkAllnde(3).Value = 0
    End If
    If temp_adliadl_record.Value(11, 2) = "Y" Then
        .chkAllHave(3).Value = 1
    Else
        .chkAllHave(3).Value = 0
    End If
    If temp_adliadl_record.Value(11, 5) = "Y" Then
        .chkAllNeed(3).Value = 1
    Else
        .chkAllNeed(3).Value = 0
    End If
    'toileting
    If temp_adliadl_record.Field(13) <> "" Then
        .chkAllnde(9).Value = 1
    Else
        .chkAllnde(9).Value = 0
    End If
    If temp_adliadl_record.Value(14, 2) = "Y" Then
        .chkAllHave(9).Value = 1
    Else
        .chkAllHave(9).Value = 0
    End If
    If temp_adliadl_record.Value(14, 5) = "Y" Then
        .chkAllNeed(9).Value = 1
    Else
        .chkAllNeed(9).Value = 0
    End If
    'mobility outdoor/going outdoor
    If temp_adliadl_record.Field(28) <> "" Then
        .chkAllnde(13).Value = 1
    Else
        .chkAllnde(13).Value = 0
    End If
    If temp_adliadl_record.Value(29, 2) = "Y" Then
        .chkAllHave(13).Value = 1
    Else
        .chkAllHave(13).Value = 0
    End If
    If temp_adliadl_record.Value(29, 5) = "Y" Then

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```

.chkAllNeed(13).Value = 1
Else
.chkAllNeed(13).Value = 0
End If
'meat prep & cleanup
.chkAllInde(0).Value = 1
Else
.chkAllInde(0).Value = 0
End If
If temp_adlradl_record.Value(4, 2) = "Y" Then
.chkAllHave(0).Value = 1
Else
.chkAllHave(0).Value = 0
End If
If temp_adlradl_record.Value(4, 5) = "Y" Then
.chkAllNeed(0).Value = 1
Else
.chkAllNeed(0).Value = 0
End If
'getting in/out of tub/shower
.chkAllInde(4).Value = 1
Else
.chkAllInde(4).Value = 0
End If
If temp_adlradl_record.Field(130) <> "" Then
'washing/combing hair
.chkAllInde(5).Value = 1
Else
.chkAllInde(5).Value = 0
End If
If temp_adlradl_record.Field(131, 2) = "Y" Then
.chkAllHave(4).Value = 1
Else
.chkAllHave(4).Value = 0
End If
If temp_adlradl_record.Value(131, 5) = "Y" Then
.chkAllNeed(4).Value = 1
Else
.chkAllNeed(4).Value = 0
End If
'washing/combing hair
.chkAllInde(5).Value = 1
Else
.chkAllInde(5).Value = 0
End If
If temp_adlradl_record.Field(133) <> "" Then
'brushing teeth or denture
.chkAllInde(6).Value = 1
Else
.chkAllInde(6).Value = 0
End If
If temp_adlradl_record.Field(136) <> "" Then
'grooming & footcare
.chkAllInde(7).Value = 1
Else
.chkAllInde(7).Value = 0
End If
If temp_adlradl_record.Field(139) <> "" Then
.chkAllInde(7).Value = 1
Else
.chkAllInde(7).Value = 0
End If
If temp_adlradl_record.Value(140, 2) = "Y" Then
.chkAllHave(7).Value = 1
Else
.chkAllHave(7).Value = 0
End If
If temp_adlradl_record.Value(140, 5) = "Y" Then
.chkAllNeed(7).Value = 1
Else
.chkAllNeed(7).Value = 0
End If
'having
.chkAllNeed(142) <> "" Then

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```

        .chkAllInde(8).Value = 1
    Else
        .chkAllInde(8).Value = 0
    End If
    If temp_adliadl_record.Value(143, 2) = "Y" Then
        .chkAllHave(8).Value = 1
    Else
        .chkAllHave(8).Value = 0
    End If
    If temp_adliadl_record.Value(143, 5) = "Y" Then
        .chkAllNeed(8).Value = 1
    Else
        .chkAllNeed(8).Value = 0
    End If
    'getting and out bed
    If temp_adliadl_record.Field(145) <> "" Then
        .chkAllInde(10).Value = 1
    Else
        .chkAllInde(10).Value = 0
    End If
    If temp_adliadl_record.Value(146, 2) = "Y" Then
        .chkAllHave(10).Value = 1
    Else
        .chkAllHave(10).Value = 0
    End If
    If temp_adliadl_record.Value(146, 5) = "Y" Then
        .chkAllNeed(10).Value = 1
    Else
        .chkAllNeed(10).Value = 0
    End If
    'getting in and out of chair
    If temp_adliadl_record.Field(148) <> "" Then
        .chkAllInde(11).Value = 1
    Else
        .chkAllInde(11).Value = 0
    End If
    If temp_adliadl_record.Value(149, 2) = "Y" Then
        .chkAllHave(11).Value = 1
    Else
        .chkAllHave(11).Value = 0
    End If
    If temp_adliadl_record.Value(149, 5) = "Y" Then
        .chkAllNeed(11).Value = 1
    Else
        .chkAllNeed(11).Value = 0
    End If
    'walking
    If temp_adliadl_record.Field(151) <> "" Then
        .chkAllInde(12).Value = 1
    Else
        .chkAllInde(12).Value = 0
    End If
    If temp_adliadl_record.Value(152, 2) = "Y" Then
        .chkAllHave(12).Value = 1
    Else
        .chkAllHave(12).Value = 0
    End If
    If temp_adliadl_record.Value(152, 5) = "Y" Then
        .chkAllNeed(12).Value = 1
    Else
        .chkAllNeed(12).Value = 0
    End If
End With
With frmMiniassse1
    'medication
    If temp_adliadl_record.Field(19) <> "" Then
        .chkMiniContInde(4).Value = 1
    Else
        .chkMiniContInde(4).Value = 0
    End If
    If temp_adliadl_record.Value(20, 2) = "Y" Then
        .chkMiniContNeed(4).Value = 1
    Else
        .chkMiniContNeed(4).Value = 0
    End If
    If temp_adliadl_record.Value(20, 5) = "Y" Then
        .chkMiniCont(4).Value = 1
    Else
        .chkMiniCont(4).Value = 0
    End If
    'housework
    If temp_adliadl_record.Field(31) <> "" Then
        .chkMiniContInde(0).Value = 1
    Else
        .chkMiniContInde(0).Value = 0
    End If

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If temp_adliadl_record.Value(32, 2) = "Y" Then
    .chkMiniContNeed(0).Value = 1
Else
    .chkMiniContNeed(0).Value = 0
End If
If temp_adliadl_record.Value(32, 5) = "Y" Then
    .chkMiniCont(0).Value = 1
Else
    .chkMiniCont(0).Value = 0
End If
'shopping & errands
If temp_adliadl_record.Field(37) <> "" Then
    .chkMiniContInde(1).Value = 1
Else
    .chkMiniContInde(1).Value = 0
End If
If temp_adliadl_record.Value(38, 2) = "Y" Then
    .chkMiniContNeed(1).Value = 1
Else
    .chkMiniContNeed(1).Value = 0
End If
If temp_adliadl_record.Value(38, 5) = "Y" Then
    .chkMiniCont(1).Value = 1
Else
    .chkMiniCont(1).Value = 0
End If
'money management
If temp_adliadl_record.Field(49) <> "" Then
    .chkMiniContInde(3).Value = 1
Else
    .chkMiniContInde(3).Value = 0
End If
If temp_adliadl_record.Value(50, 2) = "Y" Then
    .chkMiniContNeed(3).Value = 1
Else
    .chkMiniContNeed(3).Value = 0
End If
If temp_adliadl_record.Value(50, 5) = "Y" Then
    .chkMiniCont(3).Value = 1
Else
    .chkMiniCont(3).Value = 0
End If
'doctor's appoinment
If temp_adliadl_record.Field(154) <> "" Then
    .chkMiniContInde(2).Value = 1
Else
    .chkMiniContInde(2).Value = 0
End If
If temp_adliadl_record.Value(155, 2) = "Y" Then
    .chkMiniContNeed(2).Value = 1
Else
    .chkMiniContNeed(2).Value = 0
End If
If temp_adliadl_record.Value(155, 5) = "Y" Then
    .chkMiniCont(2).Value = 1
Else
    .chkMiniCont(2).Value = 0
End If
'do you have family/friends for support?
If temp_adliadl_record.Field(110) = "NEED" Then
    .chkMiniContNeed(5).Value = 1
    .chkMiniCont(5).Value = 0
Else
    .chkMiniContNeed(5).Value = 0
End If
If temp_adliadl_record.Field(110) = "HAS" Then
    .chkMiniContNeed(5).Value = 0
    .chkMiniCont(5).Value = 1
Else
    .chkMiniCont(5).Value = 0
End If
'do you need assisntance with health care
If temp_adliadl_record.Field(111) = "NEED" Then
    .chkMiniContNeed(6).Value = 1
    .chkMiniCont(6).Value = 0
Else
    .chkMiniContNeed(6).Value = 0
End If
If temp_adliadl_record.Field(111) = "HAS" Then
    .chkMiniContNeed(6).Value = 0
    .chkMiniCont(6).Value = 1
Else
    .chkMiniCont(6).Value = 0
End If
'do you haave problems with bowel.urinary
If temp_adliadl_record.Field(112) = "NEED" Then

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        .chkMiniContNeed(7).Value = 1
        .chkMiniCont(7).Value = 0
    Else
        .chkMiniContNeed(7).Value = 0
    End If
    If temp_adliadl_record.Field(112) = "HAS" Then
        .chkMiniContNeed(7).Value = 0
        .chkMiniCont(7).Value = 1
    Else
        .chkMiniCont(7).Value = 0
    End If
    'comments
    .txtComm.Text = temp_adliadl_record.Field(113).TextValue
    .txtMiniCont(0).Text = frm_patient.txtname.Text & ", " & frm_patient.txtfirst_name.Text
    .txtMiniCont(1).Text = frm_patient.txtaddress.Text
    .txtMiniCont(2).Text = frmADHC.txtCaseName.Text
    .mebMiniCont(0).Text = temp_adliadl_record.Field(114)
    If frmADHC.txtADHC_date.Text = "" Then
        .mebMiniCont(1).Text = blank_date
    Else
        .mebMiniCont(1).Text = frmADHC.txtADHC_date.Text
    End If
    .mebMiniCont(2).Text = frm_patient.txtbirthdate.Text
    .mebMiniCont(3).Text = frm_patient.txtphone.Text
    .mebMiniCont(4).Text = frm_patient.txtSSN.Text
End With
End Function
Public Function save_mini_assess() As Boolean
save_mini_assess = False
With frmMiniAsse
    'eating
    If .chkAllInde(1).Value = 1 Then
        temp_adliadl_record.Field(1) = "1.1"
    Else
        temp_adliadl_record.Field(1) = ""
    End If
    If .chkAllHave(1).Value = 1 Then
        temp_adliadl_record.Value(2, 2) = "Y"
    Else
        temp_adliadl_record.Value(2, 2) = "N"
    End If
    If .chkAllNeed(1).Value = 1 Then
        temp_adliadl_record.Value(2, 5) = "Y"
    Else
        temp_adliadl_record.Value(2, 5) = "N"
    End If
    'dressing
    If .chkAllInde(2).Value = 1 Then
        temp_adliadl_record.Field(4) = "1.1"
    Else
        temp_adliadl_record.Field(4) = ""
    End If
    If .chkAllHave(2).Value = 1 Then
        temp_adliadl_record.Value(5, 2) = "Y"
    Else
        temp_adliadl_record.Value(5, 2) = "N"
    End If
    If .chkAllNeed(2).Value = 1 Then
        temp_adliadl_record.Value(5, 5) = "Y"
    Else
        temp_adliadl_record.Value(5, 5) = "N"
    End If
    'bathing
    If .chkAllInde(3).Value = 1 Then
        temp_adliadl_record.Field(10) = "1.1"
    Else
        temp_adliadl_record.Field(10) = ""
    End If
    If .chkAllHave(3).Value = 1 Then
        temp_adliadl_record.Value(11, 2) = "Y"
    Else
        temp_adliadl_record.Value(11, 2) = "N"
    End If
    If .chkAllNeed(3).Value = 1 Then
        temp_adliadl_record.Value(11, 5) = "Y"
    Else
        temp_adliadl_record.Value(11, 5) = "N"
    End If
    'toileting
    If .chkAllInde(9).Value = 1 Then
        temp_adliadl_record.Field(13) = "1.1"
    Else
        temp_adliadl_record.Field(13) = ""
    End If
    If .chkAllHave(9).Value = 1 Then
        temp_adliadl_record.Value(14, 2) = "Y"
    End If
End With
End Function

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Else
    temp_adliadl_record.Value(14, 2) = "N"
End If
If .chkAllNeed(9).Value = 1 Then
    temp_adliadl_record.Value(14, 5) = "Y"
Else
    temp_adliadl_record.Value(14, 5) = "N"
End If
'mobility outdoor/going outdoor
If .chkAllInde(13).Value = 1 Then
    temp_adliadl_record.Field(28) = "1.1"
Else
    temp_adliadl_record.Field(28) = ""
End If
If .chkAllHave(13).Value = 1 Then
    temp_adliadl_record.Value(29, 2) = "Y"
Else
    temp_adliadl_record.Value(29, 2) = "N"
End If
If .chkAllNeed(13).Value = 1 Then
    temp_adliadl_record.Value(29, 5) = "Y"
Else
    temp_adliadl_record.Value(29, 5) = "N"
End If
'meal prep & cleanup
If .chkAllInde(0).Value = 1 Then
    temp_adliadl_record.Field(40) = "1.1"
Else
    temp_adliadl_record.Field(40) = ""
End If
If .chkAllHave(0).Value = 1 Then
    temp_adliadl_record.Value(41, 2) = "Y"
Else
    temp_adliadl_record.Value(41, 2) = "N"
End If
If .chkAllNeed(0).Value = 1 Then
    temp_adliadl_record.Value(41, 5) = "Y"
Else
    temp_adliadl_record.Value(41, 5) = "N"
End If
'getting in/out of tub/shower
If .chkAllInde(4).Value = 1 Then
    temp_adliadl_record.Field(130) = "1.1"
Else
    temp_adliadl_record.Field(130) = ""
End If
If .chkAllHave(4).Value = 1 Then
    temp_adliadl_record.Value(131, 2) = "Y"
Else
    temp_adliadl_record.Value(131, 2) = "N"
End If
If .chkAllNeed(4).Value = 1 Then
    temp_adliadl_record.Value(131, 5) = "Y"
Else
    temp_adliadl_record.Value(131, 5) = "N"
End If
'washing/combing hair
If .chkAllInde(5).Value = 1 Then
    temp_adliadl_record.Field(133) = "1.1"
Else
    temp_adliadl_record.Field(133) = ""
End If
If .chkAllHave(5).Value = 1 Then
    temp_adliadl_record.Value(134, 2) = "Y"
Else
    temp_adliadl_record.Value(134, 2) = "N"
End If
If .chkAllNeed(5).Value = 1 Then
    temp_adliadl_record.Value(134, 5) = "Y"
Else
    temp_adliadl_record.Value(134, 5) = "N"
End If
'brushing teeth or denture
If .chkAllInde(6).Value = 1 Then
    temp_adliadl_record.Field(136) = "1.1"
Else
    temp_adliadl_record.Field(136) = ""
End If
If .chkAllHave(6).Value = 1 Then
    temp_adliadl_record.Value(137, 2) = "Y"
Else
    temp_adliadl_record.Value(137, 2) = "N"
End If
If .chkAllNeed(6).Value = 1 Then
    temp_adliadl_record.Value(137, 5) = "Y"
Else

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temp_adliadl_record.Value(137, 5) = "N"
End If
'fignernails & footcare
If .chkAllInde(7).Value = 1 Then
temp_adliadl_record.Field(139) = "1.1"
Else
temp_adliadl_record.Field(139) = ""
End If
If .chkAllHave(7).Value = 1 Then
temp_adliadl_record.Value(140, 2) = "Y"
Else
temp_adliadl_record.Value(140, 2) = "N"
End If
If .chkAllNeed(7).Value = 1 Then
temp_adliadl_record.Value(140, 5) = "Y"
Else
temp_adliadl_record.Value(140, 5) = "N"
End If
'shaving
If .chkAllInde(8).Value = 1 Then
temp_adliadl_record.Field(142) = "1.1"
Else
temp_adliadl_record.Field(142) = ""
End If
If .chkAllHave(8).Value = 1 Then
temp_adliadl_record.Value(143, 2) = "Y"
Else
temp_adliadl_record.Value(143, 2) = "N"
End If
If .chkAllNeed(8).Value = 1 Then
temp_adliadl_record.Value(143, 5) = "Y"
Else
temp_adliadl_record.Value(143, 5) = "N"
End If
'getting and out bed
If .chkAllInde(10).Value = 1 Then
temp_adliadl_record.Field(145) = "1.1"
Else
temp_adliadl_record.Field(145) = ""
End If
If .chkAllHave(10).Value = 1 Then
temp_adliadl_record.Value(146, 2) = "Y"
Else
temp_adliadl_record.Value(146, 2) = "N"
End If
If .chkAllNeed(10).Value = 1 Then
temp_adliadl_record.Value(146, 5) = "Y"
Else
temp_adliadl_record.Value(146, 5) = "N"
End If
'getting in and out of chair
If .chkAllInde(11).Value = 1 Then
temp_adliadl_record.Field(148) = "1.1"
Else
temp_adliadl_record.Field(148) = ""
End If
If .chkAllHave(11).Value = 1 Then
temp_adliadl_record.Value(149, 2) = "Y"
Else
temp_adliadl_record.Value(149, 2) = "N"
End If
If .chkAllNeed(11).Value = 1 Then
temp_adliadl_record.Value(149, 5) = "Y"
Else
temp_adliadl_record.Value(149, 5) = "N"
End If
'walking
If .chkAllInde(12).Value = 1 Then
temp_adliadl_record.Field(151) = "1.1"
Else
temp_adliadl_record.Field(151) = ""
End If
If .chkAllHave(12).Value = 1 Then
temp_adliadl_record.Value(152, 2) = "Y"
Else
temp_adliadl_record.Value(152, 2) = "N"
End If
If .chkAllNeed(12).Value = 1 Then
temp_adliadl_record.Value(152, 5) = "Y"
Else
temp_adliadl_record.Value(152, 5) = "N"
End If
End With
With frmMiniJas1
'medication
If .chkMiniContInde(4).Value = 1 Then

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temp_adliadl_record.Field(19) = "1.1"
Else
temp_adliadl_record.Field(19) = ""
End If
If .chkMiniContNeed(4).Value = 1 Then
temp_adliadl_record.Value(20, 2) = "Y"
Else
temp_adliadl_record.Value(20, 2) = "N"
End If
If .chkMiniCont(4).Value = 1 Then
temp_adliadl_record.Value(20, 5) = "Y"
Else
temp_adliadl_record.Value(20, 5) = "N"
End If
'housework
If .chkMiniContInde(0).Value = 1 Then
temp_adliadl_record.Field(31) = "1.1"
Else
temp_adliadl_record.Field(31) = ""
End If
If .chkMiniContNeed(0).Value = 1 Then
temp_adliadl_record.Value(32, 2) = "Y"
Else
temp_adliadl_record.Value(32, 2) = "N"
End If
If .chkMiniCont(0).Value = 1 Then
temp_adliadl_record.Value(32, 5) = "Y"
Else
temp_adliadl_record.Value(32, 5) = "N"
End If
'shopping & errands
If .chkMiniContInde(1).Value = 1 Then
temp_adliadl_record.Field(37) = "1.1"
Else
temp_adliadl_record.Field(37) = ""
End If
If .chkMiniContNeed(1).Value = 1 Then
temp_adliadl_record.Value(38, 2) = "Y"
Else
temp_adliadl_record.Value(38, 2) = "N"
End If
If .chkMiniCont(1).Value = 1 Then
temp_adliadl_record.Value(38, 5) = "Y"
Else
temp_adliadl_record.Value(38, 5) = "N"
End If
'money management
If .chkMiniContInde(3).Value = 1 Then
temp_adliadl_record.Field(49) = "1.1"
Else
temp_adliadl_record.Field(49) = ""
End If
If .chkMiniContNeed(3).Value = 1 Then
temp_adliadl_record.Value(50, 2) = "Y"
Else
temp_adliadl_record.Value(50, 2) = "N"
End If
If .chkMiniCont(3).Value = 1 Then
temp_adliadl_record.Value(50, 5) = "Y"
Else
temp_adliadl_record.Value(50, 5) = "N"
End If
'doctor's appointment
If .chkMiniContInde(2).Value = 1 Then
temp_adliadl_record.Field(154) = "1.1"
Else
temp_adliadl_record.Field(154) = ""
End If
If .chkMiniContNeed(2).Value = 1 Then
temp_adliadl_record.Value(155, 2) = "Y"
Else
temp_adliadl_record.Value(155, 2) = "N"
End If
If .chkMiniCont(2).Value = 1 Then
temp_adliadl_record.Value(155, 5) = "Y"
Else
temp_adliadl_record.Value(155, 5) = "N"
End If
'do you have family/friends for support?
If .chkMiniCont(5).Value = 1 And .chkMiniContNeed(5).Value = 1 Then
MsgBox "Cannot select both HAS and NEED for family/friends for support!", vbCritical, "Required Field!"
.chkMiniCont(5).SetFocus
Exit Function
End If
If .chkMiniContNeed(5).Value = 1 Then
temp_adliadl_record.Field(110) = "NEED"

```

```

End If
If .chkMiniCont(5).Value = 1 Then
    temp_adliadl_record.Field(110) = "HAS"
End If
If .chkMiniCont(5).Value = 0 And .chkMiniContNeed(5).Value = 0 Then
    temp_adliadl_record.Field(110) = ""
End If
'do you need assistance with health care
If .chkMiniCont(6).Value = 1 And .chkMiniContNeed(6).Value = 1 Then
    MsgBox "Cannot select both HAS and NEED for assistance with helath care!", vbCritical, "Required Field!"
    .chkMiniCont(6).SetFocus
    Exit Function
End If
If .chkMiniContNeed(6).Value = 1 Then
    temp_adliadl_record.Field(111) = "NEED"
End If
If .chkMiniCont(6).Value = 1 Then
    temp_adliadl_record.Field(111) = "HAS"
End If
If .chkMiniCont(6).Value = 0 And .chkMiniContNeed(6).Value = 0 Then
    temp_adliadl_record.Field(111) = ""
End If
'do you have problems with bowel.urinary
If .chkMiniCont(7).Value = 1 And .chkMiniContNeed(7).Value = 1 Then
    MsgBox "Cannot select both HAS and NEED for bowel!", vbCritical, "Required Field!"
    .chkMiniCont(7).SetFocus
    Exit Function
End If
If .chkMiniContNeed(7).Value = 1 Then
    temp_adliadl_record.Field(112) = "NEED"
End If
If .chkMiniCont(7).Value = 1 Then
    temp_adliadl_record.Field(112) = "HAS"
End If
If .chkMiniCont(7).Value = 0 And .chkMiniContNeed(7).Value = 0 Then
    temp_adliadl_record.Field(112) = ""
End If
'comments
temp_adliadl_record.Field(113) = .txtComm.Text
'score
temp_adliadl_record.Field(114) = .mebMiniCont(0)
End With
save_mini_assess = True
End Function

Function init_mini_assess() As Boolean
    With frmMiniAsse
        For i = 0 To 13
            .chkAllInde(i).Value = 0
            .chkAllHave(i).Value = 0
            .chkAllNeed(i).Value = 0
        Next i
    End With
    With frmMiniasse1
        For i = 0 To 4
            .chkMiniContInde(i).Value = 0
            .chkMiniContNeed(i).Value = 0
            .chkMiniCont(i).Value = 0
        Next i
        For i = 5 To 6
            .chkMiniContNeed(i).Value = 0
            .chkMiniCont(i).Value = 0
        Next i
        'comments
        .txtComm.Text = ""
        .txtMiniCont(0).Text = ""
        .txtMiniCont(1).Text = ""
        .txtMiniCont(2).Text = ""
        .mebMiniCont(0).Text = ""
        .mebMiniCont(1).Text = blank_date
        .mebMiniCont(2).Text = blank_date
        .mebMiniCont(3).Text = blank_phone
        .mebMiniCont(4).Text = blank_ssn
    End With
End Function

Function save_mnse_record() As Boolean
    'routine to check for valid data in ICMP
    save_mnse_record = False
    With frmMnse
        'assessment date
        For i = 0 To 2
            temp_adliadl_record.Value(75, i + 1) = session.lconv(.mebDate(i).Text, "D4/")
            If IsNumeric(session.Oconv(Trim(.txtTscore(i).Text), "G0/1")) Then
                temp_adliadl_record.Value(88, i + 1) = Trim(.txtTscore(i).Text)
            End If
        Next i
    End With

```

```

Next i
'1st
For i = 0 To 10
    temp_adliadl_record.Value(76 + i, 1) = Trim(.mebmNSE(i).FormattedText)
    temp_adliadl_record.Value(76 + i, 2) = Trim(.mebmNSE1(i).FormattedText)
    temp_adliadl_record.Value(76 + i, 3) = Trim(.mebmNSE2(i).FormattedText)
Next i
For i = 0 To 3
    If .optCons(0).Value = True Then
        temp_adliadl_record.Field(87) = UCase(Trim(.optCons(0).Caption))
    End If
Next i
'2st
'3st
End With
check_mNSE_record = True 'if get to this point, then all data okay
End Function
Function display_mNSE_record() As Boolean
    'routine to check for valid data in ICMP
    display_mNSE_record = False
    With frmMNSE
        'assessment date
        For i = 0 To 2
            If temp_adliadl_record.Value(75, i + 1) <> "" Then
                .mebDate(i).Text = session.OConv(temp_adliadl_record.Value(75, i + 1), "D4")
                .btTscore(i).Text = temp_adliadl_record.Value(88, i + 1)
            Else
                .mebDate(i).Text = blank_date
                .btTscore(i).Text = ""
            End If
        Next i
        '1st
        For j = 0 To 10
            If temp_adliadl_record.Value(76 + j, 1) <> "" Then
                .mebmNSE(j).Text = temp_adliadl_record.Value(76 + j, 1)
            Else
                .mebmNSE(j).Text = "_"
            End If
            If temp_adliadl_record.Value(76 + j, 2) <> "" Then
                .mebmNSE1(j).Text = temp_adliadl_record.Value(76 + j, 2)
            Else
                .mebmNSE1(j).Text = "_"
            End If
            If temp_adliadl_record.Value(76 + j, 3) <> "" Then
                .mebmNSE2(j).Text = temp_adliadl_record.Value(76 + j, 3)
            Else
                .mebmNSE2(j).Text = "_"
            End If
        Next j
        For i = 0 To 3
            If temp_adliadl_record.Field(87) = UCase(Trim(.optCons(i).Caption)) Then
                .optCons(i).Value = True
            End If
        Next i
        '3st
    End With
    display_mNSE_record = True 'if get to this point, then all data okay
End Function
Public Sub save_adliadl()
    Dim Posx As Integer
    Dim Posy As Integer
    Dim cnt As Integer
    Dim i As Integer
    Dim k As Integer
    Dim IndxStr(5, 17) As Integer
    Dim adl(5) As String
    Dim iadl(10) As String
    With frmFuncCurr
        For i = 0 To 5
            For k = 1 To 17
                IndxStr(i, k) = -1
            Next k
        Next i
        IndxStr(0, 1) = .cboEating(0).ListIndex
        IndxStr(0, 2) = .cboDressing(0).ListIndex
        IndxStr(0, 3) = .cboTransfer(0).ListIndex
        IndxStr(0, 4) = .cboBathing(0).ListIndex
        IndxStr(0, 5) = .cboToileting(0).ListIndex
        IndxStr(0, 6) = .cboGrooming(0).ListIndex
        IndxStr(0, 7) = .cboMedications(0).ListIndex
        IndxStr(0, 8) = .cboStair_Climbing(0).ListIndex
        IndxStr(0, 9) = .cboMobility_Indoor(0).ListIndex
        IndxStr(0, 10) = .cboMobility_Outdoor(0).ListIndex
        IndxStr(0, 11) = .cboHousework(0).ListIndex
        IndxStr(0, 12) = .cboLaundry(0).ListIndex
    End With

```

```

IndxStr(0, 13) = .cboShopping_Errands(0).ListIndex
IndxStr(0, 14) = .cboMeal_Prep_Cleanup(0).ListIndex
IndxStr(0, 15) = .cboTransportation(0).ListIndex
IndxStr(0, 16) = .cboTelephone(0).ListIndex
IndxStr(0, 17) = .cboMoney_Management(0).ListIndex

For i = 0 To 4
  If .lstEating.Selected(i) Then
    IndxStr(i + 1, 1) = .lstEating.ItemData(i)
  End If
  If .lstDressing.Selected(i) Then
    IndxStr(i + 1, 2) = .lstDressing.ItemData(i)
  End If
  If .lstTransfer.Selected(i) Then
    IndxStr(i + 1, 3) = .lstTransfer.ItemData(i)
  End If
  If .lstBathing.Selected(i) Then
    IndxStr(i + 1, 4) = .lstBathing.ItemData(i)
  End If
  If .lstToileting.Selected(i) Then
    IndxStr(i + 1, 5) = .lstToileting.ItemData(i)
  End If
  If .lstGrooming.Selected(i) Then
    IndxStr(i + 1, 6) = .lstGrooming.ItemData(i)
  End If
  If .lstMedications.Selected(i) Then
    IndxStr(i + 1, 7) = .lstMedications.ItemData(i)
  End If
  If .lstStair_Climbing.Selected(i) Then
    IndxStr(i + 1, 8) = .lstStair_Climbing.ItemData(i)
  End If
  If .lstMobility_Indoor.Selected(i) Then
    IndxStr(i + 1, 9) = .lstMobility_Indoor.ItemData(i)
  End If
  If .lstMobility_Outdoor.Selected(i) Then
    IndxStr(i + 1, 10) = .lstMobility_Outdoor.ItemData(i)
  End If
  If .lstHousework.Selected(i) Then
    IndxStr(i + 1, 11) = .lstHousework.ItemData(i)
  End If
  If .lstLaundry.Selected(i) Then
    IndxStr(i + 1, 12) = .lstLaundry.ItemData(i)
  End If
  If .lstShopping_Errands.Selected(i) Then
    IndxStr(i + 1, 13) = .lstShopping_Errands.ItemData(i)
  End If
  If .lstMeal_Prep_Cleanup.Selected(i) Then
    IndxStr(i + 1, 14) = .lstMeal_Prep_Cleanup.ItemData(i)
  End If
  If .lstTransportation.Selected(i) Then
    IndxStr(i + 1, 15) = .lstTransportation.ItemData(i)
  End If
  If .lstTelephone.Selected(i) Then
    IndxStr(i + 1, 16) = .lstTelephone.ItemData(i)
  End If
  If .lstMoney_Management.Selected(i) Then
    IndxStr(i + 1, 17) = .lstMoney_Management.ItemData(i)
  End If
Next i
For i = 0 To 5
  For k = 1 To 17
    If i = 0 Then
      Select Case IndxStr(i, k)
        Case -1
          temp_adliadl_record.Field(1 + ((k - 1) * 3)) = ""
        Case 0
          temp_adliadl_record.Field(1 + ((k - 1) * 3)) = 1.1
        Case 1
          temp_adliadl_record.Field(1 + ((k - 1) * 3)) = 1.2
        Case 2
          temp_adliadl_record.Field(1 + ((k - 1) * 3)) = 1.3
        Case 3
          If k <> 6 And k <> 11 And k <> 12 And k <> 13 Then
            temp_adliadl_record.Field(1 + ((k - 1) * 3)) = 2
          End If
        Case 4
          If k <> 11 Then
            temp_adliadl_record.Field(1 + ((k - 1) * 3)) = 3
          End If
        Case 5
          If k <> 13 And k <> 15 And k <> 16 And k <> 17 Then
            temp_adliadl_record.Field(1 + ((k - 1) * 3)) = 4
          End If
        Case 6
          temp_adliadl_record.Field(1 + ((k - 1) * 3)) = 5
        Case 7

```

```

        temp_adliadl_record.Field(1 + ((k - 1) * 3)) = 6
    End Select
End If
If i >= 1 Then
    Select Case IndxStr(i, k)
        Case -1
            temp_adliadl_record.Value((2 + (3 * (k - 1))), i) = "N"
        Case 0
            If k = 1 Or k = 5 Or k = 7 Or k = 15 Then
                temp_adliadl_record.Value((2 + (3 * (k - 1))), i) = "Y"
            End If
        Case 1
            temp_adliadl_record.Value((2 + (3 * (k - 1))), i) = "Y"
        Case 2
            temp_adliadl_record.Value((2 + (3 * (k - 1))), i) = "Y"
        Case 3
            temp_adliadl_record.Value((2 + (3 * (k - 1))), i) = "Y"
        Case 4
            temp_adliadl_record.Value((2 + (3 * (k - 1))), i) = "Y"
        Case 5
            temp_adliadl_record.Value((2 + (3 * (k - 1))), i) = "Y"
    End Select
End If

Next
Next
For i = 0 To 5
    temp_adliadl_record.Field(3 * (i + 1)) = .txtADLComm(i)
Next
For i = 0 To 10
    temp_adliadl_record.Field(3 * (i + 7)) = .txtIADLComm(i)
Next
End With
End Sub
'routines for ADLIADL and Mini Mental Status Questionnaire
Function display_adliadl_record() As Boolean
'returns false if cannot display ADLIADL
display_adliadl_record = True
With frmFuncCurr
    'eating
    Call find_the_func_level(.cboEating(0), 1)
    Call assign_curr_help(.lstEating, 2)
    .txtADLComm(0).Text = temp_adliadl_record.Field(3)
    'dressing
    Call find_the_func_level(.cboDressing(0), 4)
    Call assign_curr_help(.lstDressing, 5)
    .txtADLComm(1).Text = temp_adliadl_record.Field(6)
    'transfer
    Call find_the_func_level(.cboTransfer(0), 7)
    Call assign_curr_help(.lstTransfer, 8)
    .txtADLComm(2).Text = temp_adliadl_record.Field(9)
    'bathing
    Call find_the_func_level(.cboBathing(0), 10)
    Call assign_curr_help(.lstBathing, 11)
    .txtADLComm(3).Text = temp_adliadl_record.Field(12)
    'toileting
    Call find_the_func_level(.cboToileting(0), 13)
    Call assign_curr_help(.lstToileting, 14)
    .txtADLComm(4).Text = temp_adliadl_record.Field(15)
    'grooming
    Call find_the_func_level(.cboGrooming(0), 16)
    Call assign_curr_help(.lstGrooming, 17)
    .txtADLComm(5).Text = temp_adliadl_record.Field(18)
    'medications
    Call find_the_func_level(.cboMedications(0), 19)
    Call assign_curr_help(.lstMedications, 20)
    .txtADLComm(0).Text = temp_adliadl_record.Field(21)
    'stair climbing
    Call find_the_func_level(.cboStair_Climbing(0), 22)
    Call assign_curr_help(.lstStair_Climbing, 23)
    .txtADLComm(1).Text = temp_adliadl_record.Field(24)
    'mobility indoor
    Call find_the_func_level(.cboMobility_Indoor(0), 25)
    Call assign_curr_help(.lstMobility_Indoor, 26)
    .txtADLComm(2).Text = temp_adliadl_record.Field(27)
    'mobility outdoor
    Call find_the_func_level(.cboMobility_Outdoor(0), 28)
    Call assign_curr_help(.lstMobility_Outdoor, 29)
    .txtADLComm(3).Text = temp_adliadl_record.Field(30)
    'housework
    Call find_the_func_level(.cboHousework(0), 31)
    Call assign_curr_help(.lstHousework, 32)
    .txtADLComm(4).Text = temp_adliadl_record.Field(33)
    'laundry
    Call find_the_func_level(.cboLaundry(0), 34)
    Call assign_curr_help(.lstLaundry, 35)

```



```

.txtIADLComm(5).Text = temp_adliadl_record.Field(36)
'shopping & Errands
Call find_the_func_level(.cboShopping_Errands(0), 37)
Call assign_curr_help(.lstShopping_Errands, 38)
.txtIADLComm(6).Text = temp_adliadl_record.Field(39)
'Mealprep&cleanup
Call find_the_func_level(.cboMeal_Prepare_Cleanup(0), 40)
Call assign_curr_help(.lstMeal_Prepare_Cleanup, 41)
.txtIADLComm(7).Text = temp_adliadl_record.Field(42)
'transportation
Call find_the_func_level(.cboTransportation(0), 43)
Call assign_curr_help(.lstTransportation, 44)
.txtIADLComm(8).Text = temp_adliadl_record.Field(45)
'telephone
Call find_the_func_level(.cboTelephone(0), 46)
Call assign_curr_help(.lstTelephone, 47)
.txtIADLComm(9).Text = temp_adliadl_record.Field(48)
'money management
Call find_the_func_level(.cboMoney_Management(0), 49)
Call assign_curr_help(.lstMoney_Management, 50)
.txtIADLComm(10).Text = temp_adliadl_record.Field(51)
End With
End Function

```

```

Sub find_the_func_level(cbobox As Object, Index As Integer)
Select Case temp_adliadl_record.Field(Index)
Case Is = "1.1"
cbobox.ListIndex = 0
Case Is = "1.2"
cbobox.ListIndex = 1
Case Is = "1.3"
cbobox.ListIndex = 2
Case Is = "2"
cbobox.ListIndex = 3
Case Is = "3"
cbobox.ListIndex = 4
Case Is = "4"
cbobox.ListIndex = 5
Case Is = "5"
cbobox.ListIndex = 6
Case Is = "6"
cbobox.ListIndex = 7
Case 1
cbobox.ListIndex = -1
End Select
End Sub
Sub assign_curr_help(list1 As Object, Index As Integer)
For i = 0 To 4
If temp_adliadl_record.Value(Index, i + 1) = "Y" Then
list1.Selected(i) = True
Else
list1.Selected(i) = False
End If
Next i
End Sub

```

UV_MODULE

```

.....
'
' OLE Automation Interface 1.0 - Error codes, status codes and keys.
'
' Module uvocaf.txt Version 2.0 Date 04/08/96
'
' (c) Copyright 1998 Ardent Software Inc. - All Rights Reserved
' This is unpublished proprietary source code of Ardent Software Inc.
' The copyright notice above does not evidence any actual or intended
' publication of such source code.
'
'.....
'
' Include file used with VB to access uniVerse OLE Automation Control.
'
' Maintenance log - insert most recent change descriptions at top
'
' Date.... GTAR# WHO Description.....
' 11/04/98 23801 DJD Changed copyright.
' 11/05/98 23617 OGO Changed uvrpc references to unircp.
' 03/31/98 22815 RJE Added Teminos security functionality
' 09/11/97 21371 RJE Fixed NLS tokens (from 20403) to be equated properly
' 07/22/97 20403 DW Added NLS Locale category tokens.
' 07/01/97 20403 DW Match NLS tokens to revised UniVerse NLS tokens.
' 08/13/96 16749 DW Added UVS_RNF_RNF_DICT.
' 07/17/96 18553 DJD Added 80036.
' 07/31/96 18856 ALC Corrected comment symbol in comment below

```



```

' 07/17/96 18856 ALC Modified comments for 80011 and 80019
' 06/27/96 18213 DW Added new error codes.
' 06/18/96 18213 DW Fixed NETWORK_XXX to match UvRPC
' 04/08/96 18213 DW added NETWORK_XXX Transport codes
' 12/07/95 17741 NTM updated with extra 39127-39134 codes
' 11/30/95 17719 NTM updated with UVRPC error codes
' 06/19/95 16725 NTM added UV_SESSION_OBJECT and UV_DARRAY_OBJECT
' 05/18/95 - NTM added 40008 and 40009 error codes
' 05/11/95 - NTM saved in DOS format and changed UVE_FIFS from 30 to 30095
' 04/24/95 - NTM Adapted from INTCALL.TXT
'

```

```

' Mark characters

```

```

Global Const I_M = 255
Global Const I_FM = 254
Global Const I_VM = 253
Global Const I_SM = 252
Global Const I_TM = 251
Global Const I_SQLNULL = 128

```

```

' Limits

```

```

Global Const IC_MAX_SELECT_LIST = 10 ' Highest select list number

```

```

' FILEINFO keys (copied from fileinfo.it in PI)

```

```

Global Const FINFO_IS_FILEVAR = 0 ' Anything
Global Const FINFO_VOCNAME = 1 ' PI only
Global Const FINFO_PATHNAME = 2 ' ALL
Global Const FINFO_TYPE = 3 ' ALL
Global Const FINFO_HASHALG = 4 ' LH, SH
Global Const FINFO_MODULUS = 5 ' LH, SH
Global Const FINFO_MINMODULUS = 6 ' LH
Global Const FINFO_GROUPSIZE = 7 ' LH
Global Const FINFO_LARGERECORDSIZE = 8 ' LH
Global Const FINFO_MERGELOAD = 9 ' LH
Global Const FINFO_SPLITLOAD = 10 ' LH
Global Const FINFO_CURRENTLOAD = 11 ' LH (percentage)
Global Const FINFO_NODENAME = 12 ' ALL. Null if local, else nodename
Global Const FINFO_IS_AKFILE = 13 ' LH
Global Const FINFO_CURRENTLINE = 14 ' SEQ
Global Const FINFO_PARTNUM = 15 ' Distributed, Multivolume
Global Const FINFO_STATUS = 16 ' Distributed, Multivolume
Global Const FINFO_RECOVERYTYPE = 17 ' ALL
Global Const FINFO_RECOVERYID = 18 ' LH
Global Const FINFO_IS_FIXED_MODULUS = 19 ' LH

```

```

' File type values as returned by fileinfo.

```

```

Global Const FILETYPE_MEMORY = 1
Global Const FILETYPE_HASHED = 2
Global Const FILETYPE_DYNAMIC = 3
Global Const FILETYPE_TYPE1 = 4
Global Const FILETYPE_SEQ = 5
Global Const FILETYPE_MULTIVOLUME = 6
Global Const FILETYPE_DISTRIBUTED = 7

```

```

' Lock status values returned by RECORDLOCKED().

```

```

Global Const LOCK_MY_FILELOCK = 3 ' this user has filelock
Global Const LOCK_MY_READU = 2 ' this user has readu lock
Global Const LOCK_MY_READL = 1 ' this user has readl lock
Global Const LOCK_NO_LOCK = 0 ' record not locked
Global Const LOCK_OTHER_READL = -1 ' another user has readl lock
Global Const LOCK_OTHER_READU = -2 ' another user has readu lock
Global Const LOCK_OTHER_FILELOCK = -3 ' another user has filelock

```

```

' Error numbers.

```

```

' Numbers relating to the C library on the PC.

```

```

' These are adapted from the file errno.h.

```

```

Global Const UVE_PC_CLIB_FIRST = 14000 ' First error number in range
Global Const UVE_ENOENT = 14002 ' No such file or directory
Global Const UVE_EIO = 14005 ' I/O error
Global Const UVE_EBADF = 14009 ' Bad file number
Global Const UVE_ENOMEM = 14012 ' No memory available
Global Const UVE_EACCES = 14013 ' Permission denied
Global Const UVE_EINVAL = 14022 ' Invalid argument
Global Const UVE_ENFILE = 14023 ' File table overflow
Global Const UVE_EMFILE = 14024 ' Too many open files
Global Const UVE_ENOSPC = 14028 ' No space left on device

```

' Numbers relating to the Virtual Socket Library on the PC.

Global Const UVE_BW_TIMEDOUT = 14560 ' Connection timed out
Global Const UVE_BW_CONNREFUSED = 14561 ' Connection refused
Global Const UVE_BW_HOSTDOWN = 14564 ' Host is down
Global Const UVE_BW_HOSTUNREACH = 14565 ' Host is unreachable
Global Const UVE_BW_NOTEMPTY = 14566 ' Directory not empty
Global Const UVE_BW_PROCLIM = 14567 ' Too many processes
Global Const UVE_BW_USERS = 14568 ' Too many users
Global Const UVE_BW_DQUOT = 14569 ' Disc quota exceeded
Global Const UVE_BW_STALE = 14570 ' Stale NFS file handle
Global Const UVE_BW_REMOTE = 14571 ' Too many levels of remote in path
Global Const UVE_BW_NOSTR = 14572 ' Device is not a stream
Global Const UVE_BW_TIME = 14573 ' Timer expired
Global Const UVE_BW_NOSR = 14574 ' Out of streams resources
Global Const UVE_BW_DEADLK = 14578 ' Deadlock condition.
Global Const UVE_BW_NOLCK = 14579 ' No record locks available.
Global Const UVE_BW_TOOMANYSOCK = 14582 ' Too many open sockets
Global Const UVE_BW_RESET = 14584 ' The socket has reset
Global Const UVE_BW_NOTCPIP = 14591 ' TCPIP not loaded
Global Const UVE_BW_DRVBUSY = 14592 ' TCPIP busy
Global Const UVE_COMMFILE_SECURITY = 14593 ' Unable to read the command file, possible security breach
Global Const UVE_BW_END = 14999 ' End of range

' Numbers in this group are derived from INFORMATION itself.

Global Const UVE_FRST = 10000 ' First PI-specific error number

' Errors generated from library routine calls

Global Const UVE_NOACCESS = 11000 ' Requested access denied
Global Const UVE_NOSUPPORT = 11001 ' Function not supported on this system
Global Const UVE_NOTRELATIVE = 11002 ' Relative pathname expected and not given
Global Const UVE_PATHNOTFOUND = 11003 ' Pathname could not be found
Global Const UVE_NOTASSIGNED = 11004 ' Device not assigned
Global Const UVE_NODEVICE = 11005 ' Device not known
Global Const UVE_ROFS = 11006 ' Device assigned with Read Only access
Global Const UVE_BADSTTY = 11007 ' Bad stty option when device assigned
Global Const UVE_UNKNOWN_USER = 11008 ' Attempting to send message to user not in PI
Global Const UVE_SND_REQ_REC = 11009 ' Sender requires receive enabled
Global Const UVE_MSG_REJECTED = 11010 ' Message rejected by recipient

Global Const UVE_IID = 22003 ' Illegal record ID
Global Const UVE_LRR = 22004 ' last record read (READNEXT)
Global Const UVE_NFI = 22005 ' file.tag is not a file identifier

' Generic and visible file system errors

Global Const UVE_RNF = 30001 ' Record not found
Global Const UVE_LCK = 30002 ' File or record is locked by another user
Global Const UVE_EXS = 30012 ' File already exists in an attempt to create
Global Const UVE_EXCL = 30014 ' File opened exclusively by another user
Global Const UVE_NAM = 30075 ' Bad file name
Global Const UVE_FIFS = 30095 ' Fileid is incorrect for session
Global Const UVE_SELFAL = 30097 ' Select Failed
Global Const UVE_LOCKINVALID = 30098 ' Lock number provided is invalid
Global Const UVE_SEQOPENED = 30099 ' Filed opened for sequential access and hashed access tried
Global Const UVE_HASHOPENED = 30100 ' Filed opened for hashed access and sequential access tried
Global Const UVE_SEEKFAILED = 30101 ' Seek command failed
Global Const UVE_INVALIDATKEY = 30103 ' Invalid Key used for GET/SET at variables
Global Const UVE_UNABLETOLOADSUB = 30105 ' Unable to load subroutine on host
Global Const UVE_BADNUMARGS = 30106 ' Bad number of arguments for subroutine, either too many or not enough
Global Const UVE_SUBERROR = 30107 ' Subroutine failed to complete successfully
Global Const UVE_ITYPEFTC = 30108 ' IType failed to complete correctly
Global Const UVE_ITYPEFAILEDTOLOAD = 30109 ' IType failed to load
Global Const UVE_ITYPENOTCOMPILED = 30110 ' The IType has not been compiled
Global Const UVE_BADITYPE = 30111 ' It is not an itype or the itype is corrupt
Global Const UVE_INVALIDFILENAME = 30112 ' Filename is null
Global Const UVE_WEOFFAILED = 30113 ' Weofseq failed
Global Const UVE_EXECUTEISACTIVE = 30114 ' An execute is currently active
Global Const UVE_EXECUTEINACTIVE = 30115 ' An execute is currently active
Global Const UVE_CANT_ACCESS_PF = 30125 ' Cannot access part files
Global Const UVE_FAIL_TO_CANCEL = 30126 ' Failed to cancel an execute
Global Const UVE_INVALID_INFO_KEY = 30127 ' Bad key for session information
Global Const UVE_CREATE_FAILED = 30128 ' The creation of a sequential file failed
Global Const UVE_DUPHANDLE_FAILED = 30129 ' Failed to duplicate a pipe handle

' Errors for OPEN

Global Const UVE_NVR = 31000 ' No VOC record
Global Const UVE_NPN = 31001 ' No pathname in VOC record
Global Const UVE_VNF = 31002 ' VOC file record not a File record

' Errors for CLEARFILE

Global Const UVE_CFNEA = 31100 ' Clear file no exclusive access

' Errors for client library, taken from ICI

Global Const UVE_LNA = 33200 ' Select list not active
Global Const UVE_BSLN = 33211 ' Bad select list number
Global Const UVE_BPID = 33212 ' Bad partfile id
Global Const UVE_BAK = 33213 ' Bad AK file

' Error numbers generated explicitly by the interCALL server:

Global Const UVE_BAD_COMMAND = 39000 ' command not recognized by server
Global Const UVE_NO_LOGOUT = 39001 ' no way to perform a LOGOUT command
Global Const UVE_BAD_LENGTH = 39002 ' data.length not a valid number
Global Const UVE_NO_VOC = 39003 ' can't open the VOC file
Global Const UVE_CLIENT_RESET = 39004 ' internal - client RESET received OK
Global Const UVE_INVALID_SRC = 39005 '@SYSTEM.RETURN.CODE non-numeric after EXECUTE
Global Const UVE_TOOLONG_SRC = 39006 '@SYSTEM.RETURN.CODE has more than 2 fields
Global Const UVE_KEY_NOT_IMP = 39007 ' interCALL server key not implemented
Global Const UVE_WRITE_FAILURE = 39008 ' WRITE failed and taken ELSE clause

' Errors for the Client/Server interface

Global Const UVE_NODATA = 39101 ' Host not responding
Global Const UVE_RCV_TIMEOUT = 39103 ' Timeout on receiving packets
Global Const UVE_AT_INPUT = 39119 ' Server waiting for input
Global Const UVE_SESSION_NOT_OPEN = 39120 ' Session is not opened when an action has be tried on it
Global Const UVE_UVEXPIRED = 39121 ' The Universe license has expired
Global Const UVE_CVERSION = 39122 ' Client or server is out of date Client/server functions have been updated
Global Const UVE_COMMSVERSION = 39123 ' Client or server is out of date comms support has been updated
Global Const UVE_BADSIG = 39124 ' Incorrect client/server being commuicated with
Global Const UVE_BADDIR = 39125 ' The directory you are connecting to, either is not a universe account or does not exist
Global Const UVE_SERVERERR = 39126 ' An error has occurred on the server when trying to transmit an error code to the client
Global Const UVE_BAD_UVHOME = 39127 ' Unable to find UV account
Global Const UVE_INVALID_PATH = 39128 ' Invalid path found in UV.ACCOUNT
Global Const UVE_INVALIDACCOUNT = 39129 ' Invalid account name supplied
Global Const UVE_BAD_UVACCOUNT_FILE = 39130 ' The UV.ACCOUNT file could not be opened
Global Const UVE_FTA_NEW_ACCOUNT = 39131 ' Failed to attach to specified account
Global Const UVE_NOT_UVACCOUNT = 39132 ' not a valid universe account
Global Const UVE_FTS_TERMINAL = 39133 ' failed to setup the terminal for server
Global Const UVE_ULR = 39134 ' The user limit has been reached on the server

Global Const UVE_NO_NLS = 39135 ' NLS support not available
Global Const UVE_MAP_NOT_FOUND = 39136 ' NLS map not found
Global Const UVE_NO_LOCALE = 39137 ' NLS locale support not available
Global Const UVE_LOCALE_NOT_FOUND = 39138 ' NLS locale not found
Global Const UVE_CATEGORY_NOT_FOUND = 39139 ' NLS locale category not found

Global Const UVE_SR_CREATE_PIPE_FAIL = 39200 ' Server failed to create the slave pipes
Global Const UVE_SR_SOCKET_CON_FAIL = 39201 ' The server failed to connect to the socket
Global Const UVE_SR_GA_FAIL = 39202 ' Slave failed to give server the Go Ahead message
Global Const UVE_SR_MEMALLOC_FAIL = 39203 ' Failed to allocate memory for the message from the slave
Global Const UVE_SR_SLAVE_EXEC_FAIL = 39204 ' The slave failed to start correctly
Global Const UVE_SR_PASS_TO_SLAVE_FAIL = 39205 ' Failed to the pass the message to the slave correctly
Global Const UVE_SR_EXEC_ALLOC_FAIL = 39206 ' Server failed to allocate the memory for the execute buffer correctly
Global Const UVE_SR_SLAVE_READ_FAIL = 39207 ' Failed to read from the slave correctly
Global Const UVE_SR_REPLY_WRITE_FAIL = 39208 ' Failed to write the reply to the slave (ic_inputreply)
Global Const UVE_SR_SIZE_READ_FAIL = 39209 ' Failed to read the size of the message from the slave

' OLE Automation specific codes

Global Const UVE_NOERROR = 0 ' no error

Global Const UVE_INVALIDFIELD = 40001 ' Invalid field offset
Global Const UVE_SESSIONEXISTS = 40002 ' Session is already open
Global Const UVE_BADPARAM = 40003 ' Bad parameter passed
Global Const UVE_BADOBJECT = 40004 ' Incorrect object passed
Global Const UVE_NOMORE = 40005 ' NextBlock method used when not in UVS_MORE state
Global Const UVE_NOTATINPUT = 40006 ' Reply method used when not in UVS_REPLY state
Global Const UVE_INVALID_DATAFIELD = 40007 ' Dictionary entry does not have a valid TYPE field
Global Const UVE_BAD_DICTIONARY_ENTRY = 40008 ' Dictionary entry is invalid
Global Const UVE_BAD_CONVERSION_DATA = 40009 ' Unable to convert data in field

' UNIRPC Error codes

Global Const UVE_BAD_LOGINNAME = 80011 ' The user name or password provided is incorrect
Global Const UVE_BAD_PASSWORD = 80019 ' The password provided has expired
Global Const UVE_REM_AUTH_FAILED = 80036 ' Remote authorisation failed.
Global Const UVE_ACCOUNT_EXPIRED = 80144 ' Account has expired
Global Const UVE_RUN_REMOTE_FAILED = 80147 ' Unable to run as given user
Global Const UVE_UPDATE_USER_FAILED = 80148 ' Unable to update user details
Global Const UVE_RPC_BAD_CONNECTION = 81001 ' The connection may be passing corrupt data
Global Const UVE_RPC_NO_CONNECTION = 81002 ' The connection is broken
Global Const UVE_RPC_NOT_INITED = 81003 ' the rpc has not be initialised
Global Const UVE_RPC_INVALID_ARG_TYPE = 81004 ' argument for message is not a valid type
Global Const UVE_RPC_WRONG_VERSION = 81005 ' The version of the host RPC does not match
Global Const UVE_RPC_BAD_SEQNO = 81006 ' packet message out of step

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Global Const UVE_RPC_NO_MORE_CONNECTIONS = 81007 ' No more connections available
Global Const UVE_RPC_BAD_PARAMETER = 81008 ' bad parameter passed to the rpc
Global Const UVE_RPC_FAILED = 81009 ' The RPC failed
Global Const UVE_RPC_ARG_COUNT = 81010 ' bad number pf arguments for message
Global Const UVE_RPC_UNKNOWN_HOST = 81011 ' The host name specified is not valid, or host not responding
Global Const UVE_RPC_FORK_FAILED = 81012 ' rpc failed to fork service correctly
Global Const UVE_RPC_CANT_OPEN_SERV_FILE = 81013 ' cannot find or open the unirpcservices file
Global Const UVE_RPC_CANT_FIND_SERVICE = 81014 ' Cannot find UVRPC in the host services file
Global Const UVE_RPC_TIMEOUT = 81015 ' The connection has timed out
Global Const UVE_RPC_REFUSED = 81016 ' The connection was refused or RPC daemon not running
Global Const UVE_RPC_SOCKET_INIT_FAILED = 81017 ' Failed to initialize network interface
Global Const UVE_RPC_SERVICE_PAUSED = 81018 ' The RPC service has been paused
Global Const UVE_RPC_BAD_TRANSPORT = 81019 ' An invalid transport has been used
Global Const UVE_RPC_BAD_PIPE = 81020 ' Invalid pipe handle
Global Const UVE_RPC_PIPE_WRITE_ERROR = 81021 ' Error writing to pipe
Global Const UVE_RPC_PIPE_READ_ERROR = 81022 ' Error reading from pipe

' Keys and Parameter values

' Blocking strategy values

Global Const WAIT_ON_LOCKED = 1 ' Wait if record is locked
Global Const RETURN_ON_LOCKED = 2 ' Return with an error if record locked

' Locking strategy values

Global Const EXCLUSIVE_UPDATE = 1 ' Exclusive update lock - U
Global Const SHARED_READ = 2 ' Shared read locks - L
Global Const NO_LOCKS = 0 ' No locking

' Release strategy values

Global Const WRITE_RELEASE = 1 ' Release lock after write
Global Const READ_RELEASE = 2 ' Release lock after read
Global Const EXPLICIT_RELEASE = 4 ' Release locks explicitly
Global Const CHANGE_RELEASE = 8 ' Additionally - release on change of record id

' HostType values

Global Const UVT_UNIX = 1 ' UNIX
Global Const UVT_WINNT = 2 ' Windows NT
Global Const UVT_WIN95 = 3 ' Windows 95
Global Const UVT_NONE = 0 ' No connection

' Transport values

Global Const NETWORK_DEFAULT = 0 ' default
Global Const NETWORK_TCP = 1 ' TCP/IP
Global Const NETWORK_LANMAN = 2 ' Lan Manager Named Pipes

' Get/SetAtVariable parameters for host variables AT = @

Global Const AT_LOGNAME = 1
Global Const AT_PATH = 2
Global Const AT_USERNO = 3
Global Const AT_WHO = 4
Global Const AT_TRANSACTION = 5
Global Const AT_DATA_PENDING = 6
Global Const AT_USER_RETURN_CODE = 7
Global Const AT_SYSTEM_RETURN_CODE = 8
Global Const AT_NULL_STR = 9
Global Const AT_SCHEMA = 10

' Sequential file Seek method - RelPos parameter values

Global Const UVT_START = 0 ' start of file
Global Const UVT_CURR = 1 ' current position
Global Const UVT_END = 2 ' end of file

' Command object's CommandStatus values

Global Const UVS_COMPLETE = 0 ' Execution complete
Global Const UVS_REPLY = 1 ' Waiting for a reply
Global Const UVS_MORE = 2 ' More data to come

' File object's status

Global Const UVS_RNF_RNF_DICT = 1 ' ReadNamedField Record not found in DICT

' NLS status

Global Const UVS-NLS_DEFAULT = 1 ' Default used
Global Const UVS-NLS_BAD_MARKS = 2 ' marks are not distinct

' NLS Locale Category keys

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Global Const UVLC_ALL = 0
Global Const UVLC_COLLATE = 1
Global Const UVLC_CTYPE = 2
Global Const UVLC_MONETARY = 3
Global Const UVLC_NUMERIC = 4
Global Const UVLC_TIME = 5

' Registered object names to be used with CreateObject

Global Const UV_SESSION_OBJECT = "UniVerse.Session.1"
Global Const UV_DARRAY_OBJECT = "UniVerse.DynamicArray.1"

' END-CODE
```

REFERENCES

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- [3] Microsoft MSDN Library for Visual Studio 6.0, 1998
- [4] Assessment Forms. Health Care Health Corporation Inc., 2002
- [5] Health Care Services Corporation Policy and Procedures, 200