



LOUISIANA DEPT. OF HEALTH & HOSPITALS

Medicaid Eligibility Data System

External Design Part 1: Core System

Table of Contents

DOCUMENT INFORMATION	5
REVISION SUMMARY	5
INTRODUCTION	6
BUSINESS OBJECT MODEL	7
CANDIDATES FOR NEXT PHASE	8
SYSTEM NAVIGATION	9
MEDS SYSTEM STARTUP	10
MAIN MENU	11
ADMINISTRATION SUBSYSTEM MENU	12
<i>Administration Tables Subsystem Menu</i>	<i>12</i>
Administration Tables Audit Trail By Entry Menu	13
Administration Tables Audit Trail By Time Menu	13
<i>Budget Template Menu</i>	<i>14</i>
Budget Template Testing Facilities Menu	15
Budget Template Reports Menu	15
<i>Interfaces Subsystem Menu</i>	<i>16</i>
MAS Interface Subsystem Menu	17
MMIS Interface Subsystem Menu	17
LaHIPP Interface Subsystem Menu	18
<i>Run Control Subsystem Menu</i>	<i>19</i>
<i>Security Subsystem Menu</i>	<i>19</i>
AUTOMATED NOTICES SUBSYSTEM	20
BATCH SUBMISSION SUBSYSTEM MENU	20
BUDGET WORKSHEET MENU	21
<i>Budget Inquiries Menu</i>	<i>22</i>
<i>Budget Questions Menu</i>	<i>22</i>
<i>Budget Audit Trail by Entry Menu</i>	<i>23</i>
<i>Budget Audit Trail by Time Menu</i>	<i>23</i>
CERTIFICATION SUBSYSTEM MENU	24
<i>Case Application Menu</i>	<i>24</i>
Case Application Audit Trail By Entry Menu	25
Case Application Audit Trail By Time Menu	25
Case Application Audit Trail By User Menu	26
<i>Case Application Inquiry Menu</i>	<i>27</i>
<i>Certification Menu</i>	<i>27</i>
Certification Audit Trail By Entry Menu	28
Certification Audit Trail By Time Menu	28
Certification Audit Trail By User Menu	29
<i>Certification Inquiry Menu</i>	<i>30</i>
<i>Person Inquiry Menu</i>	<i>31</i>
<i>Case Inquiry Menu</i>	<i>32</i>
<i>Renewals Menu</i>	<i>32</i>
REFERENCE TABLE SUBSYSTEM MENU	33
REFERENCE TABLE AUDIT TRAIL MENU	34
REFERENCE TABLE AUDIT TRAIL MENU	35
REFERENCE TABLE AUDIT TRAIL BY ENTRY MENU	36

REFERENCE TABLE AUDIT TRAIL BY TIME MENU	36
AUTO NOTICE MENU.....	37
AUTO NOTICE INQUIRY MENU	37
AUTO NOTICE AUDIT BY ENTRY MENU	38
AUTO NOTICE AUDIT BY TIME MENU	38
AUTO NOTICE AUDIT BY USER MENU.....	39
THIRD PARTY LIABILITY SYSTEM.....	39
WORKFLOW SUBSYSTEM MENU.....	39
ACTIVE HELP	40
HIERARCHICAL HELP	40
AUDIT TRAILS - LOG FILE BROWSES.....	41
COMMON ROUTINES	41
APPENDIX A - LOGICAL FILES	42
APPENDIX B - ASSUMPTIONS	42
REFERENCE TABLES	42
DATABASE DEFINITION AND ADMINISTRATION.....	42
DOCUMENTATION.....	42
<i>Online Help Text.....</i>	<i>42</i>
<i>User Manual.....</i>	<i>43</i>
<i>User Acceptance Test Plan</i>	<i>43</i>
<i>Technical documentation.....</i>	<i>43</i>
TECHNICAL ARCHITECTURE.....	43
SCOPE LIMITATION.....	43
IMPLEMENTATION.....	43
<i>Promotion to Production.....</i>	<i>43</i>
<i>Software licenses and upgrades.....</i>	<i>43</i>
METHODOLOGY	44
ENVIRONMENT	44
<i>Machine availability during development</i>	<i>44</i>
<i>Response time for the delivered MEDS application</i>	<i>44</i>
<i>Modeling Tool.....</i>	<i>44</i>
<i>Location of Development.....</i>	<i>45</i>
<i>Hardware.....</i>	<i>45</i>
CLIENT PARTICIPATION	45
BACKUP AND RECOVERY.....	45
USER INTERFACE.....	45
CONVERSION	45
ARCHIVING.....	46
SECURITY	46
TRAINING	46
DEPENDENT SYSTEMS/PROJECTS	46

Document Information

Created for: Louisiana Dept. of Health & Hospitals

Project Name: Medicaid Eligibility Data System

Project Abbreviation: MEDS

Document Title: External Design Part 1: Core System

Document Subject:

Revision Number: 39 (incremented each time the document is saved)

Status: Final

Last Saved: Nov 12, 2008 03:41:00 PM~~Mar 07, 2008 02:00:00 PM~~

Printed: Nov 12, 2008 03:41:00 PM~~Dec 26, 2000 11:58:00 AM~~

Comments:

Document Template: RedManeSpec_W2000.dot

Revision Summary

The following revisions have been made to the document since it was first published:

Date	Description of Change	By
4/29/2003	Revised with RedMane templates	M. Smutko
7/31/2003	Added City and Zip tables to Reference Tables menus	Jennifer Leslie
8/2/2003	Added LAMI AUM Closure Code table to Reference Table Menu	Jennifer Leslie
3/22/2004	Update for SIR924 - Online Renewal guide	Lizette Nel
8/5/2004	Change REDTQ transaction ID to RNEWQ – SIR1105	Lizette Nel
7/25/2005	Add LaHIPP Interface Subsystem Menu (SIR867)	Lizette Nel
8/12/2005	Remove hospice except inquiry and display (SIR1186)	Karl Powers
11/14/2006	Added Good Cause reason and determination to Reference Table menus and added new menus (SIR1121)	Niki Wells

Introduction

A brief description of the purpose and functionality of the MEDS system is given here. This is not intended to be a comprehensive documentation of the entire system.

The primary function of MEDS is to capture Medicaid eligibility data. This process begins with the recording of the application. Applications are either accepted or rejected after the review of the entire set of programs (type cases) for which the applicant may be eligible.

While the actual determination of eligibility (acceptance or rejection) is a function performed by the worker rather than the system, the system will both record the results of the determination and also provide assistance in making the income eligibility determination. One key area of assistance provided by the application is the budget worksheet which records both income and deduction amounts for an assistance unit. The net income can then be compared to the appropriate income standard to determine whether the assistance unit is eligible. Sets of these budget worksheets can be created and will be recorded for an application, whether it is finally accepted or rejected.

If an application is rejected, the rejection reason is recorded. If it is accepted, a period of certification, the type case and the composition of the assistance unit (which members are eligible for benefits) are defined. Changes to an assistance unit over time and renewals are facilitated and recorded in the system.

One source of applications is through interfaces from other systems, such as L'AMI, notifying MEDS of the 'automatic' eligibility approval of some assistance units. Also key to this system is the automatic interface to the Medicaid claims processing system, MMIS, of all approved eligibility and any changes to the eligibility details. The handling of claims is not within the scope of the MEDS system as this is entirely the responsibility of MMIS. These are specified in the Interfaces External Design document.

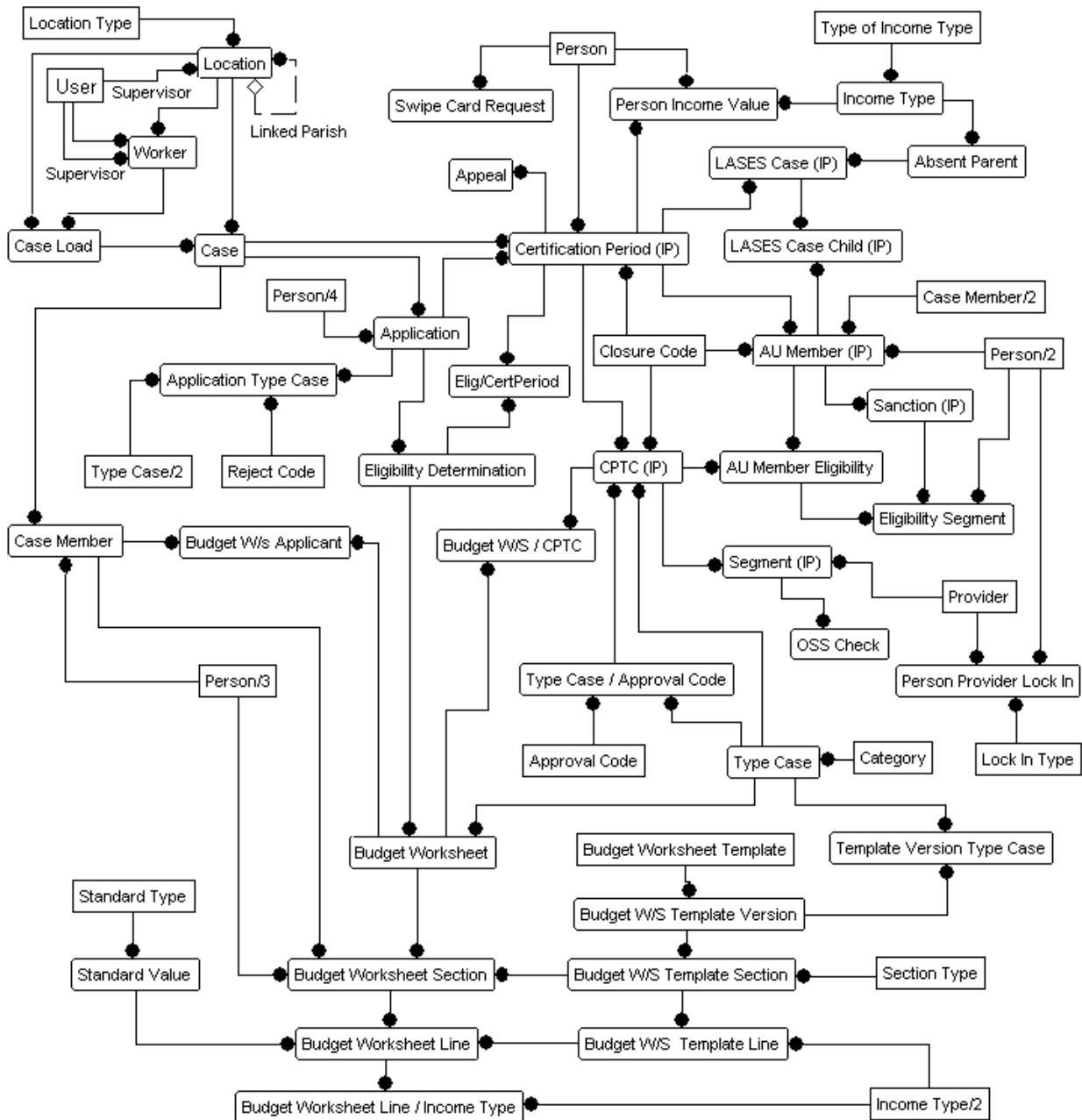
There are many reports produced by the MEDS system. These are specified in the Reports External Design document.

This document describes the core application i.e. the core on-line functions that a worker will use in the course of determining whether an application for assistance should be certified, the on-line functions necessary to create budgets as part of the determination process and the on-line functions necessary to create the actual certifications. These on-line functions are also used for re-determinations.

Also included in this document are inquiries that will help the worker identify people and the cases to which they belong. Other inquiries help the worker to determine their outstanding workload in terms of applications, determinations and re-determinations.

Also included in this document are the batch processes that are necessary for the MEDS system.

Business Object Model



Candidates for Next Phase

The following functions are not included in this document and can be specified at a later stage :

1. Provider Lock-in interface to MMIS
2. Person Merge function
3. Person Merge interface to MMIS.

System Navigation

The MED on-line system will consist of a number of subsystems. These are:

- Administration Subsystem

This subsystem contains the on-line functions for defining Budget Templates, security requirements, workers, caseloads and other system parameter information.

- Batch Submission Subsystem

This subsystem contains the on-line functions to allow users to request submission of batch jobs.

- Budget Worksheet Subsystem

This subsystem contains all of the on-line functions to create and maintain Budget Worksheets.

- Certification Subsystem

This subsystem contains all of the core on-line functions to create and maintain Applications, Certification Periods, Certification Period Type Cases and Segments. The creation and maintenance of Person information is also included here along with inquiries to help the worker identify a person.

- Reference Table Subsystem

This subsystem contains the on-line functions for maintaining the reference (code) tables.

- Workflow Subsystem

This subsystem contains the on-line functions for using workflow processing.

The following sub-sections represent the menu structure for navigating the MEDS system.

MEDS System Startup

The MEDS online system startup program (program name "MEDS") detects when an Annual Holiday Schedule has not been created for next year by September 1st. It works as follows:

If the current date is on or after September 1:

If there isn't an existing Annual Holiday Schedule for next year:

Store an Annual Holiday Schedule entry for next year. Ensure "Complete" is blank. This prevents the system from sending further review list entries once the initial one has been sent, as follows.

Send a Review List with Reason Code "ADMN0001" – "Annual Holiday Schedule Not Defined" and Purpose "Complete Annual Holiday Schedule for YYYY" (where YYYY is next year), to the members of Review Group "SYSADMIN" – "System Administration and Setup".

End-If

End-If

Note that that on the morning of September 1st, if the first several users login to MEDS at exactly the same moment, there is a possibility of that occasionally the second or third user may receive a strange error message because the start up program has attempted to store a second Annual Holiday Schedule for next year. If they try again it will be OK.

Main Menu

Message Line ...		
MEDS	*** M.E.D. SYSTEM ***	*DATE
MEXMANM	MAIN MENU	*TIME
Id Tran	Description	
-----	-----	
1 ASM	Administration Subsystem	
2 ANM	Automated Notices Subsystem	
3 BSM	Batch Submission Subsystem	
4 BWM	Budget Worksheet Subsystem	
5 CSM	Certification Subsystem	
6 RTM	Reference Table Subsystem	
7 TPL	Third Party Liability Subsystem	
8 WFM	Workflow Subsystem	
Id/*Tran: _____ Act: _ Key: _____		
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---		
Help Main Retn Quit RNEWQ		

The Third Party Liability (TPL) and Automated Notices subsystems are available from the MEDS main menu as a convenience to the workers. This will enable them to easily get to the TPL or Automated Notices subsystems without leaving MEDS.

Non-Standard PF-Keys

PF12 – RNEWQ

This key invokes the Renewals by Caseload / Parish browse.

Administration Subsystem Menu

```

Message Line ...
  ASM                      *** M.E.D. SYSTEM ***          *DATE
  MEAMANM                  ADMINISTRATION SUBSYSTEM        *TIME

      Id Tran      Description
      -----
      1 ATM        Administration Tables Subsystem
      2 BTM        Budget Template Subsystem
      3 IFM        Interfaces Subsystem
      4 RNM        Run Control Subsystem
      5 SCM        Security Subsystem
      6 ANTM       Auto Notice Tables Subsystem

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```

Administration Tables Subsystem Menu

```

Message Line ...
  ATM                      *** M.E.D. SYSTEM ***          *DATE
  MEAATMM                  ADMINISTRATION TABLES SUBSYSTEM *TIME

      Id Tran      Description
      -----
      1 APPC       Application/Contractor Center Maintenance
      2 APOS       Application Other Source Maintenance
      3 CSLD       Caseload Maintenance
      4 LOCN       Location Maintenance
      5 MCUT       Monthly Cutoff Maintenance
      6 STDV       Standard Value Maintenance
      7 TCAS       Type Case Maintenance
      8 TCAP       Type Case Approval Code Maintenance
      9 WRKR       Worker Maintenance
      10 WRKRU     Worker Inquiry by User Id
      11 HOLS      Annual Holiday Schedule Maintenance
      12 VERI      Verification Code Maintenance
      13 ADEM      Audit Trail By Entry
      14 ADTM      Audit Trail By Time

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```

Administration Tables Audit Trail By Entry Menu

```

Message Line ...
  ADEM                      *** M.E.D. SYSTEM ***          *DATE
  MEACEEM                   ADMINISTRATION AUDIT TRAIL BY ENTRY MENU  *TIME

      Id Tran      Description
      --  -
      1 APPCE      Application/Contractor Center
      2 APOSE      Application Other Source
      3 CSLDE      Caseload
      4 LOCNE      Location
      5 MCUTE      Monthly Cutoff
      6 STDVE      Standard Value
      7 TCASE      Type Case
      8 TCAPE      Type Case Approval Code
      9 WRKRE      Worker
     10 HOLSE      Annual Holiday Schedule

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit
  
```

Administration Tables Audit Trail By Time Menu

```

Message Line ...
  ADTM                      *** M.E.D. SYSTEM ***          *DATE
  MEACETM                   ADMINISTRATION AUDIT TRAIL BY TIME MENU  *TIME

      Id Tran      Description
      --  -
      1 APPCT      Application/Contractor Center
      2 APOSE      Application Other Source
      3 CSLDT      Caseload
      4 LOCNT      Location
      5 MCUTT      Monthly Cutoff
      6 STDVT      Standard Value
      7 TCAST      Type Case
      8 TCAPT      Type Case Approval Code
      9 WRKRT      Worker
     10 HOLST      Annual Holiday Schedule

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit
  
```

Budget Template Menu

Message Line ...		
BTM	*** M.E.D. SYSTEM ***	*DATE
MECPBTM	BUDGET TEMPLATE MENU	*TIME

Id Tran	Description
1 TMPL	Budget Template Maintenance
2 VRSN	Budget Template Version Maintenance
3 LINK	Template Version / Type Case Link
4 SCTN	Budget Template Section Maintenance
5 SLN	Budget Template Section Line Maintenance
6 LINE	Budget Template Line Maintenance
7 INSTR	Budget Template Line Instr Maintenance
8 COPY	Budget Template Section Copy
9 BTSM	Budget Template Testing Facilities
10 BTRM	Budget Template Reports

Id/*Tran: _____	Act: _	Key: _____
Enter-PF1---	PF2---	PF3---
PF4---	PF5---	PF6---
PF7---	PF8---	PF9---
PF10---	PF11---	PF12---
Help	Main	Retn Quit

Budget Template Testing Facilities Menu

```

Message Line ...
      BTSM                      *** M.E.D. SYSTEM ***          *DATE
      MECBTTM                   BUDGET TEMPLATE TESTING FACILITIES *TIME

      Id Tran      Description
      --  -----
      1 TT         Template Test
      2 BT         Budget Test

      Id/*Tran:      Act:  _ Key:
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```

Budget Template Reports Menu

```

Message Line ...
      BTRM                      *** M.E.D. SYSTEM ***          *DATE
      MECBTRM                  BUDGET TEMPLATE REPORTS        *TIME

      Id Tran      Description
      --  -
      1 BTWIR      Worker Instructions
      2 BTBFR      Blank Forms

      Id/*Tran: _____ Act: _ Key: _____
      Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
           Help  Main  Retn  Quit

```

Interfaces Subsystem Menu

```

Message Line ...
      IFM                      *** M.E.D. SYSTEM ***          *DATE
      MECIFMM                  INTERFACES SUBSYSTEM           *TIME

      Id Tran      Description
      --  -
      1 MAS        MAS Interface Subsystem
      2 MMIS        MMIS Interface Subsystem
      3 LAHIPP      LaHIPP Interface Subsystem

      Id/*Tran:      Act:  _ Key:
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```


MAS Interface Subsystem Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
MAS		MAS INTERFACE SUBSYSTEM MENU	*TIME
MEIMASM			

Id	Tran	Description
1	MASQ1	MAS Query by SSN
2	MASQ2	MAS Query by Person Num, Case Num, CPTC

Id/*Tran:	_____	Act: _	Key: _____
Enter-	PF1---	PF2---	PF3---
	PF4---	PF5---	PF6---
	PF7---	PF8---	PF9---
	PF10---	PF11---	PF12---
	Help	Main	Retn Quit

MMIS Interface Subsystem Menu

MMIS		*** M.E.D. SYSTEM ***	*DATE
MEIMMIM		MMIS INTERFACES SUBSYSTEM	*TIME

Id	Tran	Description
1	MMISQ1	AU Member Eligibility Inquiry
2	MMISQ2	Browse Eligibility Inquiry
3	MMISSP	MMIS Extract Person Selection (1)
4	MMISSL	MMIS Extract Lock In Selection (3)
5	MMISSS	MMIS Extract Swipe Card Selection (2)
6	MMISSE	MMIS Extract Eligibility Selection (4,6,7)
7	MMISSC	MMIS Extract Case (Parish) Selection (5)
8	MMISSG	MMIS Extract Segment Selection (7)
9	MMISXS	MMIS Extract Person XRef Selection (8)

Id/*Tran:	_____	Act: _	Key: _____
Enter-	PF1---	PF2---	PF3---
	PF4---	PF5---	PF6---
	PF7---	PF8---	PF9---
	PF10---	PF11---	PF12---
	Help	Main	Retn Quit

LaHIPPI Interface Subsystem Menu

LAHIPPI	*** M.E.D. SYSTEM ***	07/25/05
MEILHPM	LaHIPPI INTERFACES SUBSYSTEM	11:27:20

Id Tran	Description
1 LHIPPQ	LaHIPPI Eligibility Referral Inq by Person
2 LHIPPQ1	LaHIPPI Eligibility Referral Inq by Case
3 LCREL	LaHIPPI Case Relationship Inquiry
4 LCRAE	LaHIPPI Case Relationship Audit by Entry
5 LCRAT	LaHIPPI Case Relationship Audit by Time

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
Help Main Retn Quit

Run Control Subsystem Menu

Message Line ...		
RNM	*** M.E.D. SYSTEM ***	*DATE
MEXRUNM	RUN CONTROL SUBSYSTEM	*TIME
Id Tran	Description	
-----	-----	
1 RUN	Run Control Maintenance	
2 RUNE	Run Control Audit	
3 COLF	Cola Request Maintenance	
4 COLB	Cola Request Browse	
Id/*Tran: _____ Act: _ Key: _____		
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---		
Help Main Retn Quit		

Security Subsystem Menu

Refer to Common Facilities document.

Automated Notices Subsystem

This function will call the Automated Notices Subsystem and open the main menu of this system.

Technical Note: The ANS main menu is called MSO2000 and is found in the following libraries:

Development library: MSTEST

UAT library: MSUAT

Production library: MSPROD

Batch Submission Subsystem Menu

Refer to Common Facilities document.

Budget Worksheet Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
BWM		BUDGET WORKSHEET MENU	*TIME
MECPBWM			

Id	Tran	Description
1	ELIG	Eligibility Determination Maintenance
2	BDGT	Budget Worksheet Maintenance
3	BMBR	Budget Member Maintenance
4	BSEC	Budget Section Capture
5	WRKRQ	Select Alternate Worker Assignment
6	BCHK	Budget Checking
7	BIM	Budget Inquiries
8	BUDR	Budget Report
9	PIES	Person Month Income/Expense Summary
10	BQUESM	Budget Questions Menu
11	BABEM	Budget Audit Trail by Entry Menu
12	BABTM	Budget Audit Trail by Time Menu

Id/*Tran: _____ Act: _ Key: _____

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---

Help Main Retn Quit

Budget Inquiries Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
BIM		BUDGET INQUIRIES MENU	*TIME
MEBBIQM			

Id	Tran	Description
1	ELIGQC	Determinations by Case Inquiry
2	BUDQ	Budgets by Case Inquiry
3	BUDQI	Budgets in Progress Inquiry
4	BUDQC	Budgets to be Checked Inquiry
5	BUDSQ	Budget Section Inquiry
6	BUDSDQ	Spenddown Bills by Case Inquiry

Id/*Tran:	_____	Act: _	Key: _____									
Enter-	PF1---	PF2---	PF3---	PF4---	PF5---	PF6---	PF7---	PF8---	PF9---	PF10--	PF11--	PF12---
	Help	Main	Retn	Quit								

Budget Questions Menu

Message Line ...		*** M.E.D. SYSTEM ***	03/22/04
BQUESM		BUDGET QUESTIONS MENU	07:27:26
MEBQUESM			

Id	Tran	Description
1	BDAC	C-Related Budget Questions
2	BDAL	LTC/Waiver Budget Questions
3	BDAO	Other Budget Questions

Id/*Tran:	_____	Act: _	Key: _____									
Enter-	PF1---	PF2---	PF3---	PF4---	PF5---	PF6---	PF7---	PF8---	PF9---	PF10--	PF11--	PF12---
	Help	Main	Retn	Quit								

Budget Audit Trail by Entry Menu

BABEM	*** M.E.D. SYSTEM ***	*DATE
MEBABEM	BUDGET AUDIT TRAIL BY ENTRY MENU	*TIME

Id	Tran	Description
1	BDAE	Budget Questions Audit by Entry
2	NBMRIE	Non Budget Member Income Audit by Entry
3	PMIE	Person Monthly Income Audit by Entry
4	PMEE	Person Monthly Expenses Audit by Entry

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
Help Main Retn Quit

Budget Audit Trail by Time Menu

BABTM	*** M.E.D. SYSTEM ***	*DATE
MEBABTM	BUDGET AUDIT TRAIL BY TIME MENU	*TIME

Id	Tran	Description
1	BDAT	Budget Questions Audit by Time
2	NBMRIT	Non Buget Member Income Audit by Time
3	PMIT	Person Monthly Income Audit by Time
4	PMET	Person Monthly Expenses Audit by Time

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
Help Main Retn Quit

Certification Subsystem Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
CSM		CERTIFICATION SUBSYSTEM MENU	*TIME
MECMANM			
Id	Tran	Description	
1	CAM	Case Application Menu	
2	CAIM	Case Application Inquiry Menu	
3	CTM	Certification Menu	
4	CTIM	Certification Inquiry Menu	
5	PIM	Person Inquiry Menu	
6	CIM	Case Inquiry Menu	
7	RENM	Renewals Menu	
8	ANM	Auto Notice Menu	
Id/*Tran: _____ Act: _ Key: _____			
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---			
Help Main Retn Quit			

Case Application Menu

Message Line		*** M.E.D. SYSTEM ***	*DATE
CAM		CASE APPLICATION MENU	*TIME
MECCAPM			
Id	Tran	Description	
1	CASE	Case Maintenance	
2	APPL	Application Maintenance	
3	APTC	Application Type Case Maintenance	
4	CMEM	Case Member Maintenance	
5	PERS	Person Maintenance	
6	INCM	Person Gross Income Maintenance	
7	LOCK	Community Care/Provider Lock-in Maintenance	
8	SWIP	Swipe Card Request Maintenance	
9	CSLA	Caseload Reassignment - Active	
10	CSLP	Caseload Reassignment - Pending	
11	CSLE	Caseload Reassignment - Active/Pending	
12	CAEM	Audit Trail By Entry Menu	
13	CATM	Audit Trail By Time Menu	
14	CAUM	Audit Trail By User Menu	
Id/*Tran: _____ Act: _ Key: _____			
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---			
Help Main Retn Quit			

Case Application Audit Trail By Entry Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
CAEM	CASE APPLICATION AUDIT TRAIL BY ENTRY MENU		*TIME
MECAPEM			
Id Tran	Description		
-----	-----		
1 CASEE	Case		
2 APPLE	Application		
3 APTCE	Application Type Case		
4 CMEME	Case Member		
5 PERSE	Person		
6 INCME	Person Gross Income		
7 LOCKE	Community Care/Provider Lock-In		
8 SWIPE	Swipe Card Request		
Id/*Tran: _____ Act: _ Key: _____			
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---			
Help Main Retn Quit			

Case Application Audit Trail By Time Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
CATM	CASE APPLICATION AUDIT TRAIL BY TIME MENU		*TIME
MECAPTM			
Id Tran	Description		
-----	-----		
1 CASET	Case		
2 APPLT	Application		
3 APTCT	Application Type Case		
4 CMEMT	Case Member		
5 PERST	Person		
6 INCMT	Person Gross Income		
7 LOCKT	Community Care/Provider Lock-In		
8 SWIPT	Swipe Card Request		
Id/*Tran: _____ Act: _ Key: _____			
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---			
Help Main Retn Quit			

Case Application Audit Trail By User Menu

Message Line ...	
CAUM	*** M.E.D. SYSTEM ***
MECAPUM	CASE APPLICATION AUDIT TRAIL BY USER MENU
	*DATE
	*TIME

Id Tran	Description
1 CASEU	Case
2 APPLU	Application
3 APTCU	Application Type Case
4 CMEMU	Case Member
5 PERSU	Person

Id/*Tran: _____ Act: _ Key: _____

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---

Help Main Retn Quit

Case Application Inquiry Menu

Message Line ...		
CAIM	*** M.E.D. SYSTEM ***	*DATE
MECCAIM	CASE APPLICATION INQUIRY MENU	*TIME

Id Tran	Description
-----	-----
1 PNDA	Pending Applications By Worker
2 PNDA2	Pending Applications > 45 Days By Location
3 PNDA2C	Pending Applications By Type Case
4 ININQ	Person Gross Income Inquiry

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
Help Main Retn Quit

Certification Menu

Message Line ...		
CTM	*** M.E.D. SYSTEM ***	*DATE
MECCRTM	CERTIFICATION MENU	*TIME

Id Tran	Description
-----	-----
1 ELIG	Eligibility Determination Maintenance
2 CERT	Certification Maintenance
3 SGMT	Segment Maintenance
4 AUMEM	AU Member Maintenance
5 ABSP	Absent Parent Maintenance
6 LCASE	LASES Case Maintenance
7 LCHLD	LASES Case Child Maintenance
8 CEEM	Audit Trail by Entry Menu
9 CETM	Audit Trail by Time Menu
10 CEUM	Audit Trail by User Menu

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
Help Main Retn Quit

Certification Audit Trail By Entry Menu

```

Message Line ...
CEEM          *** M.E.D. SYSTEM ***          *DATE
MECCCEEM      CERTIFICATION AUDIT TRAIL BY ENTRY MENU  *TIME

      Id Tran      Description
      -----
      1 ELIGE      Eligibility Determination
      2 CERTE      Certification Period
      3 CPTCE      Cert Period Type Case
      4 SGMTE      Segment
      5 AUMEME      AU Member
      6 ABSPE      Absent Parent (MEDS)
      7 ABSPEL     Absent Parent (LASES)
      8 LCASEE      LASES Case
      9 LCHLDE     LASES Case Child
      10 HSPCE      Hospice Segment

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```

Certification Audit Trail By Time Menu

```

CETM          *** M.E.D. SYSTEM ***          *DATE
MECCETM      CERTIFICATION AUDIT TRAIL BY TIME MENU  *TIME

      Id Tran      Description
      -----
      1 ELIGT      Eligibility Determination
      2 CERTT      Certification Period
      3 CPTCT      Cert Period Type Case
      4 SGMTT      Segment
      5 AUMEMT      AU Member
      6 ABSPT      Absent Parent (MEDS)
      7 ABSPTL     Absent Parent (LASES)
      8 LCASET      LASES Case
      9 LCHLDT     LASES Case Child
      10 HSPCT      Hospice Segment

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Main  Retn  Quit

```

Certification Audit Trail By User Menu

CEUM	*** M.E.D. SYSTEM ***	*DATE
MECCEUM	CERTIFICATION AUDIT TRAIL BY USER MENU	*TIME
Id Tran	Description	
1 ELIGU	Eligibility Determination	
2 CERTU	Certification Period	
3 SGMTU	Segment	
4 HSPCU	Hospice Segment	
5 AUMEMU	AU Member	
6 ABSPU	Absent Parent (MEDS)	
7 LCASEU	LASES Case	
8 LCHLDU	LASES Case Child	

Id/*Tran: _____ Act: _ Key: _____

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---

Help Main Retn Quit

Certification Inquiry Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
CTIM		CERTIFICATION INQUIRY MENU	*TIME
MECCTIM			

Id Tran	Description
1 SGINQ	Segment Inquiry by Case / Cert Period
2 AUINQ	AU Member Inquiry by Case / Cert Period
3 ELIGQ	Outstanding Determinations by Caseload
4 RNEWQ	Renewals by Parish / Caseload
5 LCHLDQ	LASES Case Child Inquiry
6 ABSPQ	Absent Parent Inquiry
7 HSINQ	Hospice Segment Inquiry
8 ASQ	Active Segment Inquiry by Provider / Case

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
Help Main Retn Quit

Person Inquiry Menu

Message Line ...		
PIM	*** M.E.D. SYSTEM ***	*DATE
MECPERM	PERSON INQUIRY MENU	*TIME
Id Tran	Description	
-----	-----	
1 PERQN	Person Inquiry by Name / Parish / Birth Date	
2 PERQS	Person Inquiry by SSN	
3 PERQM	Person Inquiry by Maiden Name	
4 PERQE	Person Inquiry by Secondary Name	
5 PERQL	Person Inquiry by LAMI PID	
Id/*Tran: _____ Act: _ Key: _____		
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---		
Help Main Retn Quit		

Case Inquiry Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
CIM			
MECCASM		CASE INQUIRY MENU	*TIME

Id Tran	Description
1 CASQP	Case Inquiry by Person Number
2 CASQN	Case Inquiry by Person Name, Parish
3 CASQS	Case Inquiry by SSN
4 CASQT	Case Inquiry by Category, Type Case
5 CSUM	Case Summary Inquiry

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
Help Main Retn Quit

Renewals Menu

Message Line -		*** M.E.D. SYSTEM ***	03/22/04
RENM			
MECRENM		RENEWALS MENU	07:33:47

Id Tran	Description
1 RNEWQ	Renewals by Caseload / Parish
2 RNEWQ	Renewal Documentation by Caseload / Parish
3 RNEW	Renewal Documentation Maintenance
4 RMEM	Renewal Members
5 RSRCE	Renewal Details by Source
6 RMEMD	Renewal Details by Member
7 REEM	Audit Trail by Entry Menu
8 RETM	Audit Trail by Time Menu
9 REUM	Audit Trail by User Menu

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
Help Main Retn Quit

Reference Table Subsystem Menu

Message Line		*** M.E.D. SYSTEM ***	*DATE
RTM		REFERENCE TABLE SUBSYSTEM	*TIME
MECREFM			
Id Tran	Description		
1 RTM1	Reference Table Maintenance		
2 RTM2	Reference Table Audit Information		
3 RTM3	Reference Table Maintenance - More Tables		
Id/*Tran: _____ Act: _ Key: _____ Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12--- Help Main Retn Quit			

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
RTM1		REFERENCE TABLE SUBSYSTEM	*TIME
MECREFM1			
Id Tran	Description		
1 APPV	Approval Code Maintenance		
2 CTGY	Category Code Maintenance		
3 CLSR	Closure Code Maintenance		
4 INCTYP	Income Type Maintenance		
5 CLSRL	LAMI Closure Code Maintenance		
6 CLSRAL	LAMI AU Member Closure Code Maintenance		
7 STDTP	Standard Type Maintenance		
8 REJT	Rejection Code Maintenance		
9 EXPTYP	Expense Type Maintenance		
10 CITY	Louisiana City Maintenance		
11 ZIP	Louisiana Zip Code Maintenance		
12 CHRD	Client Heard Type Maintenance		
13 BLVT	Budget Line Identifier Maintenance		
14 GCRC	Good Cause Reason Code Maintenance		
15 GCDC	Good Cause Determination Code Maintenance		
Id/*Tran: _____ Act: _ Key: _____ Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12--- Help Main Retn Quit			

Reference Table Audit Trail Menu

Message Line			
RTM2		*** M.E.D. SYSTEM ***	*Date
MECREFM2		REFERENCE TABLE SUBSYSTEM	*Time
Id	Tran	Description	
1	RTEM	Audit Trail by Entry Menu	
2	RTTM	Audit Trail by Time Menu	
3	RTEM2	Audit Trail by Entry Menu 2	
4	RTTM2	Audit Trail by Time Menu 2	

Id/*Tran: _____ Act: _ Key: _____

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---

Help Main Retn Quit

Reference Table Audit Trail Menu

Message Line			
RTM3		*** M.E.D. SYSTEM ***	*Date
MECREFM3		REFERENCE TABLE SUBSYSTEM	*Time
Id	Tran	Description	
---	-----	-----	
1	HARD	Hardship Code Maintenance	

Id/*Tran: _____ Act: _ Key: _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
Help Main Retn

Reference Table Audit Trail By Entry Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
RTM	MECRTEM	REFERENCE TABLE AUDIT TRAIL BY ENTRY MENU	*TIME
Id Tran	Description		
1 APPVE	Approval Code		
2 CTGYE	Category Code		
3 CLSRE	Closure Code		
4 INCTYPE	Income Type		
5 CLSRLE	LAMI Closure Code		
6 CLSRALE	LAMI AU Member Closure Code		
7 STDTYPE	Standard Type		
8 REJTE	Rejection Code		
9 EXPTYPE	Expense Type		
10 CITYE	Louisiana City		
11 ZIPE	Louisiana Zip Code		
12 CHRDE	Client Heard Type		
14 GCRCE	Good Cause Reason Code		
15 GCDCE	Good Cause Determination Code		

Id/*Tran: _____ Act: _ Key: _____

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---

Help Main Retn Quit

Reference Table Audit Trail By Time Menu

Message Line ...		*** M.E.D. SYSTEM ***	*DATE
RTM	MECRTM	REFERENCE TABLE AUDIT TRAIL BY TIME MENU	*TIME
Id Tran	Description		
1 APPVT	Approval Code		
2 CTGYT	Category Code		
3 CLSRT	Closure Code		
4 INCTYPT	Income Type		
5 CLSRLT	LAMI Closure Code		
6 CLSRALT	LAMI AU Member Closure Code		
7 STDTYPT	Standard Type		
8 REJTT	Rejection Code		
9 EXPTYPT	Expense Type		
10 CITYT	Louisiana City		
11 ZIPT	Louisiana Zip Code		
12 CHRDT	Client Heard Type		
13 BLVTT	Budget Line Identifier		

Id/*Tran: _____ Act: _ Key: _____

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---

Help Main Retn Quit

Auto Notice Menu

```

Message Line ...

      ANM                      *** M.E.D. SYSTEM ***          02/29/08
      MEFANOM                  AUTO NOTICE MENU              12:46:17

      Id Tran      Description
      --  -
      1 NSUM       Notice Summary by Caseload / Date Created
      2 ANIM       Auto Notice Inquiry Menu
      3 ANAEM      Auto Notice Audit by Entry Menu
      4 ANATM      Auto Notice Audit by Time Menu
      5 ANAUM      Auto Notice Audit by User Menu

      Id/*Tran: _____ Act: _ Key: _____
      Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
           Help  Main  Retn  Quit
      Help  Main  Retn  Quit
  
```

Auto Notice Inquiry Menu

```

Message Line ...

      ANIM                      *** M.E.D. SYSTEM ***          02/29/08
      MEFANOIM          AUTO NOTICE INQUIRY MENU              12:48:28

      Id Tran      Description
      --  -
      1 AUNEQ      AU Member Notice Event Inquiry
      2 NSCSQ      Notice Summary by Case
      3 NSCLQ      Notice Summary by Client
      4 NASQ       Notice Action Summary
      5 NOTQ       Auto Notices Created Browse
      6 NOTQ1      Auto Notices not Created Browse
      7 NOTQ2      Auto Notices not Extracted Browse
      8 NOTQ4      Auto Notices Case Browse

      Id/*Tran: _____ Act: _ Key: _____
      Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
           Help  Main  Retn  Quit
  
```

Auto Notice Audit By Entry Menu

Message Line ...										
ANAEM	*** M.E.D. SYSTEM ***	02/29/08								
MEFANOEM	AUTO NOTICE AUDIT BY ENTRY MENU	12:52:08								
<table><tr><td>Id Tran</td><td>Description</td></tr><tr><td colspan="2">-----</td></tr><tr><td>1 AUNEE</td><td>AU Member Notice Events by Entry</td></tr><tr><td>2 NOTE</td><td>Notice Audit by Entry</td></tr></table>			Id Tran	Description	-----		1 AUNEE	AU Member Notice Events by Entry	2 NOTE	Notice Audit by Entry
Id Tran	Description									

1 AUNEE	AU Member Notice Events by Entry									
2 NOTE	Notice Audit by Entry									
Id/*Tran: _____ Act: _ Key: _____										
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---										
Help Main Retn Quit										

Auto Notice Audit By Time Menu

Message Line ...										
ANATM	*** M.E.D. SYSTEM ***	02/29/08								
MEFANOTM	AUTO NOTICE AUDIT BY TIME MENU	12:53:29								
<table><tr><td>Id Tran</td><td>Description</td></tr><tr><td colspan="2">-----</td></tr><tr><td>1 AUNET</td><td>AU Member Notice Events by Time</td></tr><tr><td>2 NOTT</td><td>Notice Audit by Time</td></tr></table>			Id Tran	Description	-----		1 AUNET	AU Member Notice Events by Time	2 NOTT	Notice Audit by Time
Id Tran	Description									

1 AUNET	AU Member Notice Events by Time									
2 NOTT	Notice Audit by Time									
Id/*Tran: _____ Act: _ Key: _____										
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---										
Help Main Retn Quit										

Auto Notice Audit By User Menu

Message Line ...	
ANAUM	*** M.E.D. SYSTEM ***
MEFANOUM	AUTO NOTICE AUDIT BY USER MENU
	02/29/08
	12:54:15

Id Tran	Description
-----	-----
1 AUNEU	AU Member Notice Events by User
2 NOTU	Notice Audit by User

Id/*Tran:	Act:	Key:
Enter-PF1---	PF2---	PF3---
PF4---	PF5---	PF6---
PF7---	PF8---	PF9---
PF10---	PF11---	PF12---
Help	Main	Retn Quit

Third Party Liability System

This function will call the Third Party Liability (TPL) system and open the main menu of this system.

Technical Note: The TPL main menu is called TPLMANM and found in the following libraries:

Development library: TPTEST

UAT library: TPUSER

Production library: TPPROD

Workflow Subsystem Menu

Refer to Common Facilities document.

Active Help

"Active" help (or "Valid Values" help) routines will be available for all business objects defined in the MEDS system. These help routines are typically pop-up windows which display all possible (or "active") values in key sequence. The user has the option of restarting the browse at a specific value, scrolling forward through the list, selecting a value, or returning to the calling screen without making a selection.

Active help on business objects is provided from screens where one business object is required to be linked to another business object. For example: Closure Codes will be maintained in the MEDS system with its own maintenance function. When AU Members are closed in MEDS, a Closure Code is required. AU Member maintenance will therefore provide Closure Code active help to assist the user in selection of the correct Closure Code.

Hierarchical Help

"Hierarchical" help (or "Complex" help) is required on all business objects where the display of the key value in sequence doesn't make sense outside of the context of business object hierarchy. For example: The key of an AU Member is a sequence number within a Certification Period. The key value of a Certification Period is considered to be a hierarchical component of the AU Member key. While viewing AU Members in sequence number order doesn't make sense, viewing all AU Members in sequence number order within a MEDS Certification Period Number does. The scope of the AU Member display is narrowed to the point where making a selection is possible.

"Hierarchical" helps provide all of the functionality of any normal "active" help, with the following additions:

- The calling window is required to validate that all hierarchical components are present and valid prior to displaying the hierarchical help.
- The objects displayed are limited to only those records whose hierarchical components match the calling window. Hierarchical components may not be changed on the help screen.

Audit Trails - Log file browses

A log file will be kept for each active file on the system. A log file contains all of the fields on the active file including the footprint information. It represents the history of all changes that were made to the records on the active file.

A log file browse will be created for each log file. This will enable the user to view the history of any of the active files. The log file browse will consist of a multi-panel browse that will display all of the fields on the log file. There will be 2 browses for each log file - a browse by prime key and a browse by date/time entry.

All of the files in the MED system will have log files with the exception of the Budget Worksheet files and the Budget Template files. These files will not have log files because we do not need to record all changes to a budget while it is in progress. A worker may need to make many changes before a budget is finalized. When a budget has been finalized it can no longer be changed i.e. it is frozen so there is no need to create a history file as changes are not allowed. The same principle applies to the Budget Templates.

Common Routines

Refer to Common Modules document.

Appendix A - Logical Files

Refer to Database Design document.

Appendix B - Assumptions

This section details assumptions that have been made in the process of designing the MEDS business object model and in anticipation of the External Design and Development phases. These assumptions were developed jointly between SPL WorldGroup and DSS IT staff. Every attempt was made to be consistent with the Contract and Statements of Work. Should there be any contradictions between these assumptions and the Contract / Statements of Work, the Contract / Statements of Work will take precedence.

Reference Tables

- There are some reference tables that do not change frequently, e.g. State table. These reference tables could be loaded and maintained by the *application development* staff. No user interface would be built to maintain these tables.
- Some reference tables do require maintenance and therefore a user interface will be required to allow the users to maintain these tables. This will be defined on a case by case basis.

Database Definition and Administration

SPL WorldGroup will be responsible for defining the database files in Predict using conceptual files. DSS will be responsible for the actual creation of the database files in the development, test and production environments.

- The expected turnaround time for database changes is approximately 1 day unless the changes required are substantial.
- DSS will supply SPL WorldGroup with the appropriate forms that need to accompany database changes.
- DSS will be responsible for the tuning of the database and SPL WorldGroup will perform program related tuning where necessary. Tuning of the application as a whole will be a co-operative activity.

Documentation

Online Help Text

- SPL WorldGroup will provide the structure for on-line help.
- DHH will be responsible for entering the help text and for maintaining it.

User Manual

DHH will be responsible for producing the User Manual available for the 'Train the Trainer' sessions.

User Acceptance Test Plan

- DHH will be responsible for producing the User Acceptance Test Plan in advance of the User Acceptance Testing Phase.
- SPL WorldGroup will support the User Acceptance Testing Phase.

Technical documentation

SPL WorldGroup will supply no additional technical documentation besides the external specification, internal specifications and Predict field definitions.

Technical Architecture

- SPL WorldGroup will design the MEDS system using 3-tier architecture where appropriate. Keeping the tiers separate will allow code re-use and the flexibility to easily change platforms. SPL WorldGroup will adhere to this approach as far as possible.
- The MEDS system will be built using Natural and Adabas. The Natural Construct object models will be used where possible. Some limited customization of the Construct object models will be required. All changes will be documented.

Scope Limitation

It is the responsibility of both SPL WorldGroup and DHH to jointly manage the scope. Specifically, opportunities to defer functionality to later phases should be identified.

Implementation

Promotion to Production

DSS will be responsible for promotion of programs and other Natural modules and database definitions to production.

Software licenses and upgrades

- DHH will be responsible for obtaining licenses and upgrades for all software used in the development of the system and for all maintenance costs associated with said software.
- All licenses will be the property of DHH.

Methodology

The SPL Worldgroup Methodology **LEVEREDGE™** will be used. This comprises the Application Development Methodology and the Project Management Methodology.

The process to date has followed **LEVEREDGE™** principles. This methodology, which encompasses object-oriented (OO) techniques and multi-tier logical design, is centered around user participation in joint application design (JAD) sessions.

The **LEVEREDGE™** Application Development Methodology is based on three major phases:

- Application Blueprint (completed January 1998)
- External Design - this document (explores objects, their attributes and responsibilities in detail, user interfaces, processes defined, etc.)
- Development (includes Internal Design, programming and testing)

Environment

There will be 4 environments - Development, Test, Conversion and Production. Both data and program libraries will be provided in each environment. The Natural / Adabas run parameters should be consistent across all the environments.

SPL WorldGroup will attempt to ensure that all batch processes will finish within the batch window, but the system will be designed to allow batch processes to run concurrently with online processes.

Machine availability during development

- Access to the mainframe (including the gateway) is required for 24 hours a day, 7 days a week.
- DSS will send a notice 24 hours before any unscheduled down time (if possible).

Response time for the delivered MEDS application

- A reasonable response time is sub-second thru 5 seconds.
- Response times may be governed by external factors (e.g. CICS) and these factors must also be taken into account when evaluating acceptable response times.
- Response times should be similar to comparable DSS systems.
- It will be a joint responsibility to address unreasonable response time issues.

Modeling Tool

- SPL WorldGroup will use the Erwin modeling tool.

Location of Development

- Development will be done at the SPL WorldGroup Development Centers that include centers in Chicago, Israel, South Africa and Manila.
- A desk, workstation and phone will be required at DSS for 1 SPL WorldGroup person during the user acceptance test and warranty support period.

Hardware

- SPL WorldGroup is responsible for supplying all workstations used by developers.
- SPL WorldGroup is responsible for setting up the Advantis connection.
- DSS is responsible for ensuring that their gateway will handle the volumes.
- DHH is responsible for all workstations used by end-users.
- DHH is responsible for providing all other hardware (printers, modems, LANs, etc.) for end users.
- DHH is responsible for providing SPL WorldGroup access to a laser printer on site in Baton Rouge during the development phase.

Client Participation

- SPL WorldGroup will staff the design and development teams.
- DHH staff will be included in the testing teams to facilitate the knowledge and skills transfer of the system.

Backup and Recovery

- DHH will be responsible for the backup of all databases (both data and program libraries) on a daily basis.

User interface

The user interface will be designed for a standard mainframe "green" screen.

Conversion

- SPL WorldGroup will be responsible for the design of the programs for the conversion of data and the coding and testing of the conversion programs.
- DHH will be responsible for data cleansing. This will include the clean up of invalid codes.
- SPL WorldGroup will not be responsible for the design or construction of data conversions in other systems.

Archiving

SPL will not develop archiving procedures, in this phase.

Security

- All environmental security requirements will be the responsibility of DHH. This includes Database, Operating system and Environmental security.
- SPL WorldGroup will implement application specific security.
- DHH will provide SPL WorldGroup staff with all the security access required with regard to access to buildings, systems etc. SPL WorldGroup will supply DHH with a list of the SPL WorldGroup staff who require security access.

Training

User training is included as part of the estimate. This training will take the form of 'Train the Trainer' sessions as defined in the Statement of Work. The User documentation developed by DHH will be used in the training sessions.

Dependent Systems/Projects

SPL WorldGroup will need to be made aware of all requirements and changes to other systems which may affect or influence MEDS.

This includes all interfaces especially L'AMI, MMIS, TPL.

Also, changes made to L'AMI for the new medical category, and the swipe card change in MMIS need to be communicated to the MEDS team if the changes will in any way affect the design of the MEDS system.