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Dr. Smith
CS 200-001 (Team 4)

CS 200-001 Project 4 Instruction Manual

Manager Terminal Instructions

The manager terminal will prompt the manager to input a "Report Type" and an "ID" in certain cases. Please use the convention:

"[Report Type][ID]"

Acceptable selections for "Report Type" are: *Provider, Member, Summary, or EFT.*
Acceptable selections for "ID" are: *Member ID or Provider ID.* The ID's only contain numbers.
-For Provider and Member reports:
The manager only needs to input an ID when a *Provider* or *Member* report is selected.
-After a report is selected:
Reports are then generated and output via text files.
The terminal gives you two options:
-Select another report->
-Exit.

Operator Terminal Instructions

The operator terminal prompts the operator. Please use the convention:

"[Function] [Person Type]"

Acceptable functions are: *Add*, *Delete*, *Edit*, *ViewList*.
Acceptable person types are: *Member*, *Provider*.
Example: *Add Member*
To exit the prompt, type *exit*. Please note that commands are case sensitive.
-Add Member/Add Provider:
The terminal prompts the user for the details of the member or provider to be added. The member or provider is added after you enter the zip code. Please enter carefully.
-Delete Member/Delete Provider:
The terminal prompts the user for the ID of the member or provider to be removed. The member or provider with a matching ID is removed following a return. If the ID does not match a person in the list, the list will remain untouched. Please enter carefully.
-Edit Member/Edit Provider:
The terminal prompts the user for the ID of the member or provider to be edited. If it matches a person in the list, the terminal will prompt for the new details. The details are updated after you enter the zip code. Please enter carefully.
-ViewList Member/ViewList Provider:
The terminal prints a list of either the members or the providers.

Provider Terminal Instructions

The provider terminal will prompt the user to enter a command. Log into the provider terminal by entering provider ID. Once admitted, the provider can select the help option for more information. The provider can then select between "help" (1), "exit" (2), "Directory" (3), and "Log Service" (4).

1. "help" - This option provides more information about the code's functionality.
2. "exit" - This option exits the provider terminal.
3. "Directory" - This option retrieves the Provider Directory, which contains the alphabetically-ordered list of services with their corresponding service codes and service fees and displays them on the provider terminal.
4. "Service" - This option prompts the user to log the service performed.
    a. Enter the member ID of the customer, and the code will validate whether or not the member ID exists in the database. If the number is valid, the software will print "Member ID Validated." Otherwise, the software will print "Invalid Number. Please check your input and try again."
    b. Enter the date of the service in the format "MM-DD-YYYY".
    c. Select the "Directory" option and retrieve the six-digit service code corresponding to the service performed. Enter this code. The terminal will display the name of the service corresponding to the code entered. Verify the name of the service.
    d. Enter optional comments (up to 100 characters) concerning the service. The terminal will now create a service record that includes current date and time, date of service, provider and member IDs, service code, and the comments inputted.
    e. The software now displays the fee of the service entered previously. The terminal will prompt a verification form with several deliverables needed. Enter the current date and time, the date of service, member name and ID, service code, and fee for the service.

TASK DISTRIBUTION TABLE

Member Name	Tasks Performed	Percentage Contributed
Sean Hurley	Wrote the OperatorTerminal.java, ManagerProvider.java, and ManagerMember.java. Helped write DatabaseManager.java and ProviderTerminal.java. Wrote DatabaseManagerTest.java JUnit.	16.66%
Rodney Wade	Wrote the Operator Terminal part of the instruction manual. Helped write DatabaseManager.java, Service.java, and ServiceType.java. Wrote ServiceTypeTest.java JUnit.	16.66%
Jacob Silvey	Wrote the EFTDataLog.java, SummaryReport.java, and ProviderReport.java. Wrote the manager terminal part of the instruction manual. Wrote ProviderTest.java JUnit.	16.66%
Joseph Storie	Wrote Member.java, MemberReport.java, and helped write Provider.java. Wrote MemberTest.java JUnit.	16.66%
Riley Parker	Wrote ProviderTerminal.java, ManagerTerminal.java, Backbone of DatabaseManager.java, Member.java, Provider.java, Service.Java, ServiceType.java, Simulator.java, ReportController.java. Wrote ServiceTest.java JUnit.	16.66%
Trent Boughner	Helped write ProviderTerminal.java, Provider.java, ReportController.java, Simulator.java, JUnit tests, and other classes. Wrote Provider Terminal portion of instruction manual. Wrote ProviderTerminalTest.java JUnit.	16.66%

TEAM HEADER TABLE

Member Name	CWID Number	Crimson Email	Hours Contributed
Sean Hurley	12081825	sbhurley@crimson.ua.edu	12 hours
Rodney Wade	11855830	rwade1@crimson.ua.edu	11 hours
Jacob Silvey	12009574	jesilvey@crimson.ua.edu	10 hours
Joseph Storie	12051887	jrstorie@crimson.ua.edu	10 hours
Riley Parker	12081518	rgparker@crimson.ua.edu	11 hours
Trent Boughner	11971740	jtboughner@crimson.ua.edu	11 hours