



Choc An - User Manual

Developed By:

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Task Distribution

Alan Manning 22.5% (35 hours): Created User.java , Manager.java, Member.java, Provider.java and Service.java

Hunter Kimbrel 22.5% (35 hours): Created EFT.java, SummaryReport.java, DateTime.java and remade the Class Diagram.

Isuru Nanayakkara 22.5% (35 hours): Created BillChocAn.java, Terminal.java and TransactionRecord.java and co-authored Operator.java

Richard Rice 22.5% (35 hours): Created Operator.java, MemberReport.java and ProviderReport.java, Use Case Diagrams and Activity Diagrams.

Robert Bartnett 10% (10 hours): Created framework for MemberRecords.java and ProviderRecords.java and remade SequenceDiagram and few corrections to the Class Diagram.

Overview

This program is designed to provider terminals in the perspective of 3 users, Operator, Provider and Manager. The available instructions are displayed on the screen. Follow the list of commands to accomplish the task.

Types of Users

1. In the opening terminal select the User you want to login as
 - Operator - Has the power to Add, Delete and Update Members or Providers
Press the "O" key to login as Operator.
 - Provider - Has the power to request services from a member
Has the power to bill Choc An for services provided to member.
Press the "P" key to login as Provider.
 - Manager - Has the power to print Member Report, Provider Report
EFT File and Summary Report.
Press the "M" key to login as Provider.

User Perspectives

Operator

Available Instructions.

- Member Add - Key in "MA"
 - Add a member in the member records. Follow the commands to input appropriate data. Must key in a 9-digit memberID.
- Member Delete - Key in "MD"
 - Delete a member in the member records. Enter the member number to delete this member. Prints an error message if attempting to delete a non-existent member.
- Member Update - Key in "MU"
 - Update a provider's information by entering the member ID, then using the appropriate key ('N,' 'A,' 'C,' 'S,' 'Z,' 'M,' or 'E') to update their name, address, city, state, zipcode, provider number, or to exit. Prints an error message if attempting to update a member who does not exist.
- Provider Add - Key in "PA"
 - Add a provider in the provider records. Follow the commands to input appropriate data. Must key in a 9-digit memberID.
- Provider Delete - Key in "PD"
 - Delete a provider in the member records. Enter the provider number to delete this provider. Prints an error message if attempting to delete a non-existent provider.
- Provider Update - Key in "PU"
 - Update a provider's information by entering the provider ID, then using the appropriate key ('N,' 'A,' 'C,' 'S,' 'Z,' 'M,' or 'E') to update their name, address, city, state, zipcode, provider number, or to exit. Prints an error message if attempting to update a provider who does not exist.

Provider

> Type in a valid 9-Digit Provider number to login as Provider.

> Once Logged on the available options are:

→ Provide Service - Key in "P"

- Key in a valid 9-digit Member ID
- If the member is validated type in the name of the service requested by the user. E.g Dietitian Session.
- The program will log the Transaction and exit to the Provider prompt.

→ Bill Choc An - Key in "B"

- Key in a valid 9-digit Member ID
- Key in the Month, Day and Year the service was provided to the member.
- Type in the service code and verify that the service printed is correct. Choc An will then be billed for the service.
- Type in any additional comments. The program will exit to the provider prompt.

→ Display Provider Directory - Key in "D"

- Displays a current provider directory of the available healthcare services, along with their 6-digit service codes and fees.

Manager

Available Instructions

→ Print Member Report - Key in "MR"

- Prints a listing of the members who are currently active in the ChocAn system.

→ Print Provider Report - Key in "PR"

- Prints a listing of the providers who are currently active in the ChocAn system.

→ Print EFT File - Key in "EFT"

- Prints a listing of the Electronic Funds Transfer data for those providers currently active in the ChocAn system.

→ Print Summary Report - Key in "SR"

- Prints a summary of the week's providers who have provided healthcare services to ChocAn members, along with their total number of consultations, their individual fees, and the total fee.