CS-200 Section 02 Team 3

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Task Distribution

<u>Richard Anthony</u> **33%** [40 hours]: Created Service.java, SetDateTime.java, Operator.java, Manager.java, MemberRecords.java and ProviderRecords.java

<u>Calvin Clark</u> **33%** [40 hours]: Created User.java, ServiceProvided.java, and SummaryReport.java, ManageMember.java, ManageProvider.java and Terminal.java

<u>Caleb Davis</u> **33%** [40 hours]: Created BillChocAnn.java, ProviderDirectory.java, GenerateMemberReport.java, GenerateProviderReport.java, ChocAn.java and GenerateEFT.java

Overview

This Java Project is is designed for three users: Managers, Operators, and Providers. Each of these actors is allowed to perform certain actions as described by the ChocAn prompt. Upon booting up the system terminal, the screen will display a command prompt that will ask you to identify your user type.

User Types

Select between the below types of users for the system:

1. Manager: Has the ability to print summary report, member report, provider report and EFT to file.

   To login as manager: **Select Manager LogIn by pressing the "M" key**

2. Operator: Has the ability to add, edit, and delete members or providers.

To login as operator: **Select Operator LogIn by pressing the "O" key**

3. Provider: Has the ability to bill ChocAn for services provided to members and request services used by member.

To login as provider: **Select Provider LogIn by pressing the "P" key**

User Operations

Manager:

Choose a Report to Print by selecting the following actions

Print Summary Report - Enter: **'SR'**

❖ Print a summary of the providers who have provided healthcare services to members for that week, in addition to their number of consultations and fees.

Print Member Report - Enter: **'MR'**

❖ Print all active users within the ChocAn system.

Print Provider Report - Enter: **'PR'**

❖ Print all providers within the ChocAn system.

Print EFT File - Enter: **'EFT'**

❖ Print Electronic Funds Transfer data for providers in the ChocAn system.

Operator:

Select Operator options by using the following actions

Add Member - Enter: **'AM'**

❖ Add nine digit memberID into member records.

Edit Member - Enter: **'EM'**

❖ Update a member's records by first entering the nine digit memberID. Then use the appropriate key name () to update one of the following fields: name, address, city, state, zip code, or provider number. Additionally, enter: '' to exit.

Delete Member - Enter: **'DM'**

❖ Delete a nine digit memberID from the ChocAn system.

Add Provider - Enter: **'AP'**

❖ Add nine digit providerID into member records.

Edit Provider - Enter: **'UP'**

❖ Update a member's records by first entering the nine digit providerID. Then use the appropriate key name () to update one of the following fields: name, address, city, state, zip code, or provider number. Additionally, enter: ' ' to exit.

Delete Provider - Enter: **'DP'**

❖ Delete a nine digit providerID from the ChocAn system.

Providor:

Select Provider options by using the following actions

Provide Service - Enter: **'P'**

❖ Add nine digit memberID into member records, enter service code, and the transaction is saved

Bill ChocAn - Enter: **'B'**

❖ Type in memberID, date service was provided, service code, and any additional comments. Writes the bill record to a file

Display Provider Directory- Enter: **'D'**

❖ Has option to display directory on screen and writes the directory to a file named "Provider_Directory.txt"

★ Example Manager and Member Profiles, along with Sample Services to run the program are located in Terminal.java