ChocAn User Manual

Team 13 Fall 2023

# Introduction

The ChocAn system is an electronically operated platform crafted to deliver healthcare services to members of Chocoholics Anonymous (ChocAn), an organization committed to aiding individuals struggling with chocolate addiction. Members subscribe to a monthly plan that grants them unrestricted access to consultations and treatments with healthcare professionals, such as dietitians, internists, and exercise experts. To authenticate member details and invoice ChocAn for rendered services, the system employs plastic cards equipped with magnetic strips.

Healthcare providers utilize a dedicated ChocAn computer terminal to confirm member information, generate invoices, and access a directory containing service codes and associated fees. For each service provided, the system records essential information like the current date and time, date of service, provider and member numbers, service code, and any relevant comments onto disk storage. Every Friday at midnight, the primary accounting procedure is executed, producing comprehensive reports for both members and providers. These reports encompass specifics of the services rendered, including dates, provider and member names and numbers, as well as associated fees.

This software has been developed using Java and is currently available for testing and practical use.

# Getting Started:

Before running the program, you must first clone the repository from Bitbucket. Open your eclipse IDE and proceed to open a project from the url cloning for a bitbucket repository. Here is the url to the bitbucket repo:

git clone <https://[username]@bitbucket.org/azaman2/team13.git>

# Creating Jar:

First open your IDE (eclipse in this case) and right click the file → Export → Java → JAR File. Then input the following information. Make the export destination the release folder in the project. Once that is done you can operate the jar file by navigating to in either in the terminal or command line and type: **java -jar ChocAn.jar** Then the software should start working.

# Operation:

The software is operated through the terminal. At every menu choice there are brackets and descriptions for each option.

A screen shot of a computer

Description automatically generated

When running it, simply type in the menu choice you would like based on what is in the bracket. So if you wanted to go to the Provider Terminal you would type in “1” and then enter. Note that “end” will close the program entirely. This is not case sensitive.

At different steps it might ask you to input certain information. Here you would just input the information asked and then hit enter.



Once you're done you can either enter quit or end (depending on the menu) to leave the step you are in or exit the program.

Provider Terminal:

Selecting option 1 will take you to the Provider Terminal. The provider terminal has three options: Bill ChocAn, Validate Member, and Request Provider Directory. Bill ChocAn requests certain provider, member, and service information then outputs the corresponding fee to be billed to ChocAn for the provider’s service. Validate Member asks for a provider and member number to verify the member’s identity. Request Provider Directory asks for a provider number as input and outputs the information about the provider.

Manager Terminal:

Selecting Manager Terminal will request login information. The username and password for testing are “admin” and “testing123” respectively. There is only one option for the Manager Terminal: Generate Reports. The Generate Reports menu has 3 choices: provider, member, and summary report. The terminal will request a specific member or provider number depending on what report you want to generate. The report will appear within the directory where the project is located as a .txt file.

Operator Terminal:

Selecting Operator Terminal will request login information. The operator terminal allows operators to make edits to the member and provider databases within the project. Selecting option 1 will take you to the member management terminal. The member management terminal can add, delete, or update members. Each option will request some member identification to complete the method successfully. Option 2, the provider management terminal, also has add, delete, and update methods, but these methods apply to providers; the commands work in a similar fashion to the member management terminal.

# Task Distribution

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| --- | --- | --- |
| **Name** | **Tasks** | **Percentage** |
| Caleb Dochow | ManagerTerminal, ManagerController | 16% |
| Chris Hellen | Timer, MainAccountingProcedure, Reports, ProviderController | 17% |
| Colin Klich | MainTerminal, OperatorTerminal, AccountsController, Operator | 17% |
| Samuel Wisnoff | ManagerController, ManagerTerminal | 17% |
| Kara Moran | ProviderTerminal, ProviderController | 16% |
| Hai Hoang | Provider, Manager, Persistence | 17% |

# Contact Information

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