How to use the Team 6 Chocoholics Anonymous (ChocAn) System Software

The following is a brief outline of how to operate the software included in this submission. The software uses a command line interface. This involves the console printing a series of options. Each option has number given to it. To choose an option, one must type the number of the corresponding option in to the console and press enter.

In some cases, the software will ask for other inputs. For example, if you want to change the address for a certain member in the database, you will be prompted to enter the new address. The flow of the program is not determined by what is entered from a prompt like this (other than certain restrictions such as max number of characters) so you simply type the requested data as-is in to the console and press enter.

Operation Basics:

There are two modes of operation for the software: Provider Mode and Manager Mode. Provider Mode is a mode used to simulate the functionality of a “provider terminal.” Manager Mode is used for two things: Manager Administration and Interactive Mode. Manager Administration consists of selectively generating reports of recent activity (with ChocAn) of a specific Provider or Member. Keep in mind that these reports are automatically generated every Friday night at midnight, so you do not have to request the software for every single one. Interactive Mode is used to Add/Edit/Delete Members, Services and Providers. This is the mode that will operate at ChocAn headquarters during office hours.

**Keep one instance of the software operating in Manager Mode at all times. This mode handles the automatic generation of reports every Friday night.**

Walkthrough:

This software is designed and implemented using Java RTE 1.6 to allow reliable operation on both Windows and Mac systems.

Mac:

Navigate to the “\*/ChocAn/bin” directory in a terminal window. To run the program in Provider Mode, type:

java frontend.Main

To run in Manager Mode, type:

java frontend.Main **password**

where **password** is the Manager password. **The password default is “admin” and is case sensitive.**

From there, you will see a list of possible operations in Manager Mode or a prompt to enter your Provider ID in Provider Mode. Further operation in Manager Mode is intuitive and self explanatory. To operate further in Provider Mode, the user must type in a valid provider ID.

Once a valid ID is entered, a list of possible operations will be printed. Enter the number of the operation you want to perform and away you go.

Windows (Or Mac):

To operate the software on Windows, unless you know another way, you will need to import the ChocAn project in to Eclipse IDE. To operate in Manager Mode, you will need to set the program argument to **password** in Run Configuration. If the correct password is supplied, the software will run in Manager Mode. Otherwise, the software will run in ProviderMode.

\*Note: You can run the software from the Eclipse IDE on Mac as well as Windows.

Directory Structure:

The software creates a series of Directories in the “\*/ChocAn/” folder to organize the data that is stored. This directory structure is the following:

/data/

/data/providers

/data/members

/data/claims

/data/reports

/data/services

Each of these holds data pertaining to the directory name. \*NOTE: The data in /data/services /data/members /data/providers/ and /data/claims are unreadable from a standard text editor. However /data/reports contains normal .txt files.

The /data/ folder will exists in one of two places, depending on how you choose to run the program. If you run the program from the command line, the data directory will reside at:

\*/ChocAn/bin/data/

Otherwise, if you run the program from the Eclipse IDE, the data directory will reside at:

\*/ChocAn/data/

First Time Use:

Make sure that the first time you use the software, you run the software in Manager Mode so you can input all Members, Providers, and Services. Remember, you cannot operate the software in Provider Mode without a Provider ID that is obtained from entering Provider Data in to the system in Manager Mode.

Example Files:

An example set of Member Data, Claims, Provider Data, and Service Data is provided in both data directory locations for your convenience to test out the software.

These files are:

Member IDs: 501516452, 502225083

Provider IDs: 100723458,101364171

Service IDs: 100569, 102592

Try Editing them!