Chocoholics Anonymous

User Manual

November 2020
Version 1.0

Task Distribution*

Joseph Daly: 20%
- Wrote the following class files
  - Provider Interface.java
  - ProviderDirectory.java
  - RequestProviderDirectory.java
  - BillingVerify.java
- Wrote ProviderDirectory.csv
- Wrote JUnit tests for the Member class

David Dillard: 20%
- Wrote the following class files
  - GenerateReports.java
  - EftData.java
  - ManagerInterface.java
- Wrote User Manual
- Wrote JUnit tests for the Provider class

Jacob Grinstead: 20%
- Wrote the following class files
  - OperatorInterface.java
  - Manage.java
  - Interface.java
- Wrote the main method for the program
- Wrote JUnit tests for the Service class

Jacob Pacheco: 20%
- Wrote the following class files
  - MemberReport.java
  - ProviderReport.java
  - SummaryReport.java
- Wrote JUnit tests for the ProviderDirectory class

Zachary Stiles: 20%
- Wrote the following class files
  - Member.java
  - Provider.java
  - Service.java
- Wrote ChocAnMembers.csv, ChocAnProviders.csv, and ServiceRecords.csv
- Wrote the ANT build for the project (build.xml)
- Wrote JUnit tests for BillingVerify

*All members put forth 100% of the work for the items listed aside from some extremely minor fixes

How to use ChocAn

***Disclaimer: CSV files containing member, provider, and service information are in the release folder as well as the reports that are generated. There are also mock CSV files in the git repository for the test cases to use. **CSV FILES MUST NOT BE OPENED WITH EXCEL OR ELSE THE FORMATTING WILL BE RUINED.** Must be run with Java Runtime Environment 12.

Creating the Jar:
1. Open build.xml using ANT
2. Double-click build-project in the ANT perspective
3. Double-click createJar in the ANT perspective

Accessing the operator interface:
1. Run the program by opening the command line, navigating to the release folder, and typing java -jar chocAn.jar
2. Select Operator Interface from the drop-down menu and click OK

Managing a member
1. Select Manage Member from the drop-down menu and click OK

Adding a member
1. Select Add Member from the drop-down menu and click OK
2. Follow the prompts and click OK after typing in the requested information

Updating a member
1. Select Update Member from the drop-down menu and click OK
2. Input the ID number of the Member you wish to update and click OK
3. Follow the prompts and click OK after typing in the requested information

Deleting a member
1. Select Delete Member from the drop-down menu and click OK
2. Input the ID number of the Member you wish to delete and click OK

Managing a provider
1. Select Manage Provider from the drop-down menu and click OK

Adding a provider
1. Select Add Provider from the drop-down menu and click OK
2. Follow the prompts and click OK after typing in the requested information

Updating a provider
1. Select Update Provider from the drop-down menu and click OK
2. Input the ID number of the provider you wish to update and click OK
3. Follow the prompts and click OK after typing in the requested information

Deleting a provider
1. Select Delete Provider from the drop-down menu and click OK
2. Input the ID number of the provider you wish to delete and click OK

Accessing the Provider interface:
1. Run the program by opening the command line, navigating to the release folder, and typing java -jar chocAn.jar
2. Select Provider Interface from the drop-down menu and click OK

Verifying a member's card
1. Select Verify Member Card from the drop-down menu and click OK
2. Select Card or Number and click OK
3. Type in the member's identification number and click OK

Billing Chocoholics Anonymous
1. Select Bill ChocAn from the drop-down menu and click OK
2. Select Card or Number and click OK
3. Type in the member's identification number and click OK
4. Follow the prompts and click OK after typing in the requested information

Requesting the provider directory
1. Select Request Provider Directory from the drop-down menu and click OK

Accessing the manager interface:
1. Run the program by opening the command line, navigating to the release folder, and typing java -jar chocAn.jar
2. Select Manager Interface from the drop-down menu and click OK

Requesting summary report
1. Click the Summary button

Requesting member report
1. Click the Member button
2. Type in the member's identification number and click OK

Requesting provider report
1. Click the Provider button
2. Type in the provider's identification number and click OK

Requesting EFT data
1. Click the EFT Data button
2. Type in the provider's identification number and click OK

Running the main accounting procedure:
1. Run the program
2. Select Run Accounting Procedure from the drop-down menu and click OK

Running JUnit tests:
1. Open build.xml using ANT
2. Double-click the test you wish to run in the ANT perspective (example: TestProvider)