

# Manual

Starting with project 1, we all started by cloning our team repository, "spring24team6." Our main HTML report included a short paragraph consisting of a basic description of our solution for Chocolate Anonymous. We then included a glossary, which includes key terms with their brief explanation, that are important to the ChocAn domain. After we all created our own use case diagrams, we then implemented all of our ideas to form our final use case diagram. For each of our use cases, we provided descriptions.

Project 2 included the same basic requirements, such as the header table, task distribution table, and Bitbucket statistics. Our report was written in Html. Our short paragraph on where data is stored, what hardware would be needed, how users will interact with the system, and what other systems will interact with the ChocAn system we have developed. After we each made our own stereotyped class diagram, we again implemented them into one diagram. We also have the main activity diagram. For each use case from project 1, we created activity diagrams.

Project 3 consisted of a short paragraph which discussed the coupling and cohesion of our design. We created a main class diagram and sequence diagrams for each use case provided in project 1.

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All of these tasks are contributing to our project 4, which includes implementing everything we have done this semester to create a complete software of Chocolate Anonymous, through Eclipse.

Starting with the graphical user interface (GUI) by running the terminal, the employee can log in to the terminal using their specified username and password. The ChocAn window includes the options to minimize, maximize, and close the tab. A command to run the main accounting procedure is also included on the main terminal page. Upon login of the employee, the terminal recognizes the employee login which takes them to their designated menu page. If the login is not correct, an error is shown to the user. Starting with the operator menu, the operator is provided with "Edit Members" and "Edit Providers." Also included on every menu is a logout button, which takes the user to the login page. The edit members page includes the abilities to add, update, or delete a member. On each edit member page, there is a "Cancel" button, which allows the operator to cancel the action, which brings them back to the "Edit Members" page. A back button is also included which takes the operator back to the operator menu. Adding a member includes the necessary information to add a new member, with the submit button. To update a member, the operator is to select a member from the drop down menu. After selecting a member, the operator is given the information that is set for each member, and is able to edit the information by clicking submit. On the "Edit Members" page, the operator can also delete a member. This option takes the operator to the menu to select a member from the drop down menu. The operator must then click "Delete" to confirm the action.

To access the provider page, the provider must enter the correct username and password. Once accessed, the page includes "Request Provider Directory" and "Bill ChocAn." To request provider directory, the provider must select the option. The Provider Directory is then shown. The Provider Directory includes an alphabetically ordered list of services names and their corresponding service codes. To bill ChocAn, the provider must enter the requested information, which includes the date of service, provider number, member number, and service code. The user is then given the options to submit or cancel. All fields must be entered to submit the service record.

To access the manager's page, the user must enter the correct information to access the page. Once the correct username and password are entered, the manager is given the options to "Run Member Report," "Run Provider Report," "Run Manager Report," "Run EFT," and "Run Summary Report." To run a member report, the manager selects the option, and is then taken to a page to choose a member to run the report from the drop down menu. Once selected a member, the manager selects the enter button. The manager is then provided with a file including the member name, member number, street address, city, state, zip code, and services. To run a provider report and run EFT, they follow the same instructions as run a member report. To run the summary report, when the option is selected, the summary report is shown.

The main accounting procedure can be accessed from the main menu page without having to log in. Once clicked on, it has the option of opening the report of each member. If you click "continue," you are then given the options of opening the report of each provider. On the last page, there is the option to open the summary report. On any page, when selecting the option, the appropriate file is shown to the user. After that step, there's an option to return to the login page. We set it up this way to best imitate what was described from ChocAn on what occurs at midnight on Friday.

For creating the JAR file, since we had our directory organized we could easily navigate to our source files and create a JAR file from there.

As for running JUnit tests, you can find under a folder called "Tests" in which all of our Junit Test files are in. After selecting a certain Junit Test file, you can run as a JUnit Test Case.

### Task Distribution

| Name      | Tasks   | Percentage Contributed |
|-----------|---|------------------------|
| Logan     | Terminal, Menu, Operator Menu, Report, Employee                           | 16.6%                  |
| Davis     | Summary Report, Provider Report, Member Report, Main Accounting Procedure | 16.6%                  |
| Dominique | Service, Card, Manual   | 16.6%                  |
| Kasandra  | Manager Menu, Manager, Operator   | 16.6%                  |
| Nick      | Provider Menu, Provider   | 16.6%                  |
| Nehemiah  | Member  | 16.6%                  |