Manual

Header Table

Student Name	Student Email	CWID	Hours
Cristina Paier	cpaier@crimsn.ua.edu	12063963	10
Brent Christian	bmchristian @crimson.ua.edu	12086704	10
Caleb Messerly	cjmesserly @crimson.ua.edu	12159843	10
Gabe Gros	gcgros @crimson.ua.edu	12121855	10
Mike Zajac	mpzajac @crimson.ua.edu	12138203	10
Thomas Roden	taroden @crimson.ua.edu	11930484	10

Task Distribution Table

Student Name	Tasks Completed	Percentage
Cristina Paier	Member class, RecordsController class, VerifyMember test. Generated JavaDocs.	16.67
Brent Christian	Provider class, Report class, and ValidateOperator test.	16.67
Caleb Messerly	Verification menu, Operator, timer, and provider related classes. Generated JavaDocs.	16.67
Gabe Gros	Summary Report Class and generated JavaDocs.	16.67
Mike Zajac	EFT report class, and generated JavaDocs.	16.67
Thomas Roden	Service class, Manager classes.	16.67

Cloning the Repo
1. Open Eclipse, select File > Import > Eclipse > Git > Projects from Git > Next
2. Select Clone Uri > Next
3. For the URI, enter "https://***@bitbucket.org/tklocklear/cs200Fall2022Team17.git", where *** is your bitbucket username. Enter your bitbucket User and Password and hit Next. Enter your App Password and hit Next.
4. Hit finish and the repo should be cloned.

Creating the JAR
1. Open command prompt window.
2. Navigate to the directory folder your repository was cloned to.
   a. This should be similar to "C:\Users***\git\fall2022team17\release" where *** is your personal user.
   b. Use the command cd to change directory
3. Once in the release folder type "java -jar Project4.jar" which will run in the terminal.

Unit test Testing
1. Open any of the six test classes under proj4 main folder (ProviderReportTest, RecordsControllerTest, ServiceTest, UpdateMemberRecordsTest, ValidateOperatorTest, VerifyProviderTest, VerifyMemberTest) in eclipse.
2. Right click on the file in Package Explorer and select Run As > 1 JUnit Test.
3. This will automatically display a screen showing the success of the tests.

Feature by feature test

Close System
1. In any terminal if you wish to close the system, select the (-) - Close System option by typing "-" in the terminal.

Validate Operator
1. Begin by accessing the terminal.
2. Select (O) - Operator as verification type by typing "O" into the terminal.
3. Enter 9-digit operator number.
   a. Use pre-entered valid operator code "200200200".
4. If a valid provider number was entered, your terminal will display an "Entering Operator
5. Terminal" message. You will now be in the Operator Terminal with full access to update records.
   a. If an invalid operator number was entered, your terminal will display an "Verification Failed" and reopen the terminal to allow for another verification selection.

Update Provider Records

1. Begin by accessing the main terminal.
2. Select (O) - Operator as verification type by typing "O" into the terminal.
3. Enter 9-digit operator number.
   a. Use pre-entered valid operator code "200200200".
4. If a valid provider number was entered, your terminal will display an "Entering Operator Terminal" message. You will now be in the Operator Terminal with full access to update records.
   a. If an invalid operator number was entered, your terminal will display an "Verification Failed" and reopen the terminal to allow for another verification selection.
5. Select (P) - Provider by typing "P" into the terminal.
6. Make a selection, Add, Edit, or Remove
   a. If you want to add a new provider - Type "A" in the terminal and hit enter
      i. Enter in requested information (name, address, city, state, zip)
      ii. Record the automatically generated provider number
   b. If you want to edit an existing provider - Type "E" in the terminal and hit enter
      i. Enter the provider number to access the appropriate provider
      ii. Enter in the new name for the provider
      iii. Confirm updated information
   c. If you want to remove an existing provider - Type "R" in the terminal and hit enter
      i. Enter the provider number to delete the appropriate provider
      ii. Provider is deleted

Update Member Records
1. Begin by accessing the terminal and following steps to validate operator.
2. Once in the operator terminal you will have the option to Update Member Records. To select this option, type "M" in the terminal.
3. This will prompt for adding, editing, or removing a member. If you wish to:
   a. Add; type "A" in the terminal. You will be prompted to enter the member's name. Do so by simply typing the name in the terminal. Continue to enter the member's information by following the prompts displayed in the terminal (entering street address, city, state, and zip code). Once this is completed the terminal will display the message "New member added. Information is as follows:" proceeded with the new member's information you just inputted as well as an auto-generated unique 9-digit member number. You will then be returned to the operator menu.
   b. Edit; type "E" in the terminal. You will be prompted to enter the member's number. Do so by simply typing the 9-digit code in the terminal. If an invalid member number was entered, the message, "Invalid input. Exiting to operator menu.", will be displayed and you will be returned to the operator menu. If an existing member number is entered, the terminal will display the message "Member found." and allow selection to:
      i. Change name; to select this option type "N" in the terminal. You will be prompted to enter a new name. Type the name you wish to change the

member's record to. The terminal will then display the member's updated information and return you to the operator terminal.

       ii. Suspend member; to select this option type "S" in the terminal. The terminal will automatically suspend the member and display the success message "Suspending member. Member suspended." and return you to the operator terminal.

      iii. Unsuspend member; to select this option type "U" in the terminal. The terminal will automatically unsuspend the member and display the success message "Unsuspending member. Member unsuspended.", and return you to the operator terminal.

   c. Remove; type "R" in the terminal. You will be prompted to enter the member's number. Do so by simply typing the 9-digit code in the terminal. If an invalid member number was entered, the message, "Invalid input. Exiting to operator menu.", will be displayed and you will be returned to the operator menu. If an existing member number is entered, the terminal will display the success message "Deleting Member. Member successfully deleted", and return you to the operator terminal.

Validate Provider

1. Begin by accessing the terminal.
2. Select (P) - Provider as verification type by typing "P" into the terminal.
3. Enter 9-digit provider number.
    b. Use pre-entered valid provider code "200200200".
4. If a valid provider number was entered, your terminal will display an "Entering Provider Terminal" message. You will now be in the Provider Terminal with full access to bill ChocAn for service, request Provider Directory, or search Provider Directory.
    a. If an invalid provider number was entered, your terminal will display an "Verification Failed" and reopen the terminal to allow for another verification selection.

Request Provider Directory

1. Begin by accessing the terminal.
2. Validate yourself as a Provider.
3. Select (R) - Request Provider Directory by typing "R" into the terminal.
4. The Provider Directory will be printed.
5. The select menu will reappear so that you can select more options.
6. You may type "Q" into the terminal to exit the Provider terminal or "-" to close the system.

Bill ChocAn for Service

1. Begin by accessing the terminal.
2. Validate yourself as a Provider.
3. Select (B) - Bill ChocAn for Service by typing "B" into the terminal.
4. Validate the Member that you provided a service to.
5. Enter the service date in the (MM–DD–YYYY) format.

6. Re-enter your provider number. If the number you enter is incorrect, you will be sent back to step 3.
7. Enter the service code for the service provided. If the code does not exist, you will be returned to step 3.
    a. Use pre-entered service code 999999
8. Enter any comments you have about the service.
9. The select menu will reappear so that you can select more options.
10. You may type "Q" into the terminal to exit the Provider terminal or "-" to close the system.

Validate Member
1. Begin by accessing the terminal
2. Access the system as a provider by entering the provider number "200200200"
3. Select (B) - Bill Chocan for Service into the terminal
4. Enter the valid member number "200200200"
5. The member number is valid, so the provider can continue billing for services rendered

Validate Manager
1. Begin by accessing the terminal.
2. Select (M) - Manager as verification type by typing "M" into the terminal.
3. Enter 9-digit provider number.
    a. Use pre-entered valid manager code "200200200".
4. If a valid manager number was entered, your terminal will display an "Entering Manager Terminal" message. You will now be in the Manager Terminal with full access to EFT Report, access provider report, access member report, or access summary report.
    a. If an invalid manager number was entered, your terminal will display an "Verification Failed" and reopen the terminal to allow for another verification selection.

Request Weekly Report
1. Begin by following the "Validate Manager" instructions in the manual.
2. Once in the manager terminal, choose either option "P", "M", or "S" to select the appropriate report to print.
3. After the correct report is printed, type either "Q" to exit just the manager terminal or "-" to exit the whole terminal.

Run Main Accounting Procedure2
1. Begin by accessing the terminal.
2. Select (T) as the option for running the main accounting procedure by typing "T" into the terminal and pressing enter.
3. Once entered, the terminal should print "Main accounting procedure finished."