**Testing Document and Specification**

Test Specification



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| Mariam Habib | Irem Atik | Maryam Albakhiet |
| Scott Howard | Grant Jenkins |  |

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| Test Case ID: | 1.1.1.1 |
| Title: | Ability for a user to sign up for a new account |
| Feature/Subfeature: | New Banking Account |
| Purpose: | To ensure that users are able to successfully sign up for a new banking account |
| Initial Conditions: | User must currently be logged in and able to view the sidebar and the “+” symbol next to the “Accounts” section |
| Test Data: | Test Data will include signing up for each type of account and invalid account numbers |
| Test Actions: | 1. Go to the main website  2. Log-in  3. Select the “+” symbol from the sidebar, located next to the Accounts section  4. Enter account number  5. Select the desired account type  6. Select the “Add Account” button |
| Expected Results: | After adding the account, the account should appear under the “Accounts” section in the sidebar. The user should be able to then be able to view the account details and be able to use the account. |

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| Test Case ID: | 1.1.1.2 |
| Title: | Ability for a user to update their User Profile |
| Feature/Subfeature: | User Profile |
| Purpose: | To ensure that users are able to edit details about themselves such as their username, phone number, email, etc. |
| Initial Conditions: | User must currently be logged in and viewing the “User Profile” page of the website |
| Test Data: | Test Data will include invalid possibilities for each field that is able to be changed, such as username, phone number, email, etc. Variations of which field(s) is/are being edited will also be tested to ensure that all errors are displayed to the user |
| Test Actions: | 1. Go to the main website  2. Log-in  3. Select “User Profile” from the sidebar  4. Edit the desired field(s)  5. Click the “Update Profile” button |
| Expected Results: | After updating profile, the user should be able to see the successfully updated fields. If there were any errors, a red exclamation point, “!”, should appear next to the corresponding invalid fields. |

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| Test Case ID: | 1.1.1.3 |
| Title: | Ability for user to manipulate their alert business rules |
| Feature/Subfeature: | Triggers |
| Purpose: | To ensure that users are able to change alerts to their desired settings |
| Initial Conditions: | User must currently be logged in and viewing the “Triggers” page of the website |
| Test Data: | Test Data will include variations of both email and phone alerts as well as confirming the triggers are actually being sent given their corresponding firing requirements |
| Test Actions: | 1. Go to the main website  2. Log-in  3. Select “Triggers” from the sidebar  4. Add a new trigger with given test data  5. Perform action that should activate the newly added trigger |
| Expected Results: | After the action is performed, the trigger should be received by the user to the desired platform. |

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| Test Case ID: | 1.1.1.4 |
| Title: | Ability for a user to navigate their transactions |
| Feature/Subfeature: | Transactions |
| Purpose: | To ensure that transactions are able to be viewed and added to specific accounts |
| Initial Conditions: | User must have an account already created and must currently be logged in by viewing the page of one of their accounts. |
| Test Data: | Test Data will include adding valid amounts of transactions and ensuring the remaining balance in the account is adjusted correctly. |
| Test Actions: | 1. Go to the main website  2. Log-in  3. Select the desired account from the sidebar (create an account if needed)  4. Add a new transaction  5. Ensure the transaction appears in history and that the balance is correct after the transaction is applied. |
| Expected Results: | The newly added transaction should appear on the transaction history list. The balance should be adjusted correctly after the transaction is applied. If an error occurs, the user should have an error message appear on screen. |