**Testing Document and Specification**

Test Specification

Commerce Bank Web Application

CS 451 Group 9, SPRING 2020

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| Test Case ID: | 1.1.1.1 |
| Title: | Transaction sort by date |
| Feature/Subfeature: | Transaction Title |
| Purpose: | To ensure that users can sort transaction history by date to view the most recent transaction. |
| Initial Conditions: | User must currently be on the “Transaction” page |
| Test Data: | Test Data must include more than two transaction histories at different dates. |
| Test Actions: | 1. Go to the transaction page  2. Click on date |
| Expected Results: | AAgvgghhaaa After Step 2, the date will be sorted by the most recent to farest. |

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| Test Case ID: | 1.1.12 |
| Title: | Filtering transactions by state |
| Feature/Subfeature: | Date Filter |
| Purpose: | To ensure users will be able to filter their own alert transactions by state |
| Initial Conditions: | The user must be on the “settings” page. |
| Test Data: | The test data will be “Alaska” |
| Test Actions: | 1. Navigate to the “settings” page  2. Select “Alaska” from the drop down box.  3. Click on “+” icon |
| Expected Results: | After Step 3, state” Alaska” will be appeared under the notification settings |

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| Test Case ID: | 1.1.1.3 |
| Title: | Change contact information |
| Feature/Subfeature: | change phone and email |
| Purpose: | To ensure that users changed their phone number or email addresses if needed |
| Initial Conditions: | Users must be on “settings” page |
| Test Data: | Email: [123@mail.com](mailto:123@mail.com)  Phone:8166666666 |
| Test Actions: | 1. Go to “settings”pages  2. Click on “change” under Receive notification by  3. Enter phone number and email address inside pop up box  4. Click on “change” |
| Expected Results: | After step 4, the message box will be closed. User will see their new phone number and email with masked displayed on the settings page |

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| Test Case ID: | 1.1.1.4 |
| Title: | Exporting a copy of transactions |
| Feature/Subfeature: | Export spreadsheet of transactions |
| Purpose: | To ensure that user can export and print out heir transaction |
| Initial Conditions: | Current user must be on the “transaction” page, |
| Test Data: | none |
| Test Actions: | 1. Go to “transaction” page  2. Click on “Export” right next to the search bar |
| Expected Results: | After step 2, spread will be automatically download to users computer |

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| Test Case ID: | 1.1.1.5 |
| Title: | Log in |
| Feature/Subfeature: | User log in |
| Purpose: | To ensure user can successful log in |
| Initial Conditions: | User must have a account number and password |
| Test Data: | Account number: tonit  Password: 1234564 |
| Test Actions: | 1. Go to log in page  2. Enter account number and password  3. Click on log in |
| Expected Results: | After step 3, user will be take to transaction page if log in successful |

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| Test Case ID: | 1.1.1.6 |
| Title: | add transaction |
| Feature/Subfeature: | adding transaction |
| Purpose: | To ensure that users can add transaction manually |
| Initial Conditions: | User must have a account |
| Test Data: | $15.00, Alaska, Shopping, 05/15/2020 |
| Test Actions: | 1. Go to “transaction” page  2. Click on “add transaction”  3. Enter the amount, select categories, state and date. Enter a description for the transaction.  4. Click on add button |
| Expected Results: | After step 4, the screen will take the user back to the transaction page. A new transaction just added by a user will be on the transaction histories chart. |

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| Test Case ID: | 1.1.1.7 |
| Title: | Delete alert rule |
| Feature/Subfeature: | Delete button |
| Purpose: | To ensure that the user can delete any setting/active alert rule they desire. |
| Initial Conditions: | The user must be on the “Settings” page. |
| Test Data: | Delete “Out of state transaction in Alaska” |
| Test Actions: | 1. Go to “settings” page  2. Go down to notification setting  3. Click on trash can icon to remove alert |
| Expected Results: | After step 3, the alert that removed will disappear on screen. It will also be removed from the dashboard page. |

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| Test Case ID: | 1.1.1.8 |
| Title: | Check notifications |
| Feature/Subfeature: | dashboard |
| Purpose: | To ensure that user can check and remove notifications |
| Initial Conditions: | User must setted up alert and trigger at least one transaction |
| Test Data: | Transaction |
| Test Actions: | 1. Go to “Dashboard” PAGE  2. Click on “read” to remove notification  3. Click on triangle icon right next the alert rules to check read transaction alert histories |
| Expected Results: | After step 2, notification will be remove |