Project Test Plan Document

Group 3:

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# **Revision History**

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| --- | --- | --- | --- |
| **Revision** | **Date** | **Editor** | **Description of Changes** |
| 1.00 | 06/20/2017 | Ashraya Regmi | * Original Document |
| 1.01 | 6/21/2017 | Jesse Cruse | * Added Test Case Requirements for:   + Startup Test Case 1,2   + Normal Operation test case 1,2,3   + Shutdown Test Case 1 * Added Test Cases for Error Handling * Adjusted formatting and headings |
| 1.02 | 6/22/2017 | Tyler Roland | * Added additional detail/text edits * Added Normal Operation Test cases 4, 5 * Added Error Handling Test cases 4, 5, 6 |

# Startup Test Cases

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case Number** | **Requirement Number** | **Test Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | 1,4 | User enters the correct username and password at the login screen and either presses the Enter key or clicks the “Login” button. | User is redirected to the home page after successful login. |  |  |
| 2 | 1,4 | User enters the wrong username or password at the login screen and either presses the Enter key or clicks the “Login” button. | User is redirected to the login page again with an error to enter the correct credentials. |  |  |

# Normal Operation Test Case

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case Number** | **Requirement Number** | **Test Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | 1,3,4 | User clicks the “Recent Trips” link in the navigation bar. | User is taken to the Recent Trips page, where their recent trips to the store are displayed. |  |  |
| 2 | 1,3,4 | User clicks the “Suggested Purchases” link in the navigation bar. | User is taken to the Suggested Purchases page where suggested products are displayed using their shopping history |  |  |
| 3 | 1,3,4 | User clicks the “Popular Items” link in the navigation bar. | User is taken to Popular Items page where it shows the popular products based on shopping history. |  |  |
| 4 | 1,2,3,4 | User enters new item name and price and clicks “Add Item” on home page | Item is added to database and shown in the current shopping list. |  |  |
| 5 | 1,2,3,4 | User clicks “Save List” after shopping trip is completed | Shopping list items are saved to the database for future use, using the product ID and the date the item was purchased. |  |  |

# Shut Down Test Case

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case Number** | **Requirement Number** | **Test Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | 1 | User clicks the log out link in the right-hand side of the navigation bar. | User is logged out of the system and redirected to the log in page. |  |  |

# Error handling Test Case

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case Number** | **Requirement Number** | **Test Description** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| 1 | 1,3,4 | User clicks the “Recent trips” link in the navigation bar intending to check the details from their recent shopping trips. | If an error is encountered connecting to the database, the algorithm with redirect the user back to the “Recent Trips” page indicating that there was an error connecting. |  |  |
| 2 | 1,3,4 | User clicks the “Suggested Purchases” link in the navigation bar intending to review a suggested shopping list. | If an error is encountered connecting to the database, the algorithm with redirect the user back to the “Suggested Items” page indicating that there was an error connecting. |  |  |
| 3 | 1,3,4 | User clicks the “Popular Items” in the navigation bar intending to review their most popular items. | If an error is encountered connecting to the database, the algorithm with redirect the user back to the “Popular Items” page indicating that there was an error connecting. |  |  |
| 4 | 1,2,3,4 | User tries to click “Add Item” after entering item information (name and price) intending to save the item in the database. | If an error is encountered connecting to the database, the algorithm will present an error to the user saying that the item could not be saved because of a connection error. |  |  |
| 5 | 1,2,3,4 | User tries to click “Add Item” after entering item information (name and price) intending to save the item in the database. | If the item already exists in the database, the user will be presented with an error but the existing product will be added to the shopping list |  |  |
| 6 | 1,2,3,4 | User clicks “Save List” intending to save the shopping list items to the database for future use. | If an error is encountered connecting to the database, the algorithm will present the user with an error saying that the list was not saved because of a connection error. The current shopping list will not be erased at this time. |  |  |