**Test Cases**

**Project: Stockwise Inventory Management System**

**Group Members:**

22K-4477 Syed Muqeet Ur Rehman

22K-4487 Muhammad Usman Sohail

22K-4658 Syed Hussamuddin

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| **Test Case ID** | **Test Case Description** | **Test Data** | **Test Steps** | **Expected Result** | **Actual Result** | **Status** |
| TC\_01 | Verify that user is able to sign up with a username that is at least 6 characters long. | Username: ABCDEF | - Open webpage.  - Click on “SIGN UP” button.  - Choose the Retailer option for Sign Up.  - Enter the given username. | Upon entering the sixth character, outline of the Username text box changes from red to blue, indicating acceptable username. | Same as expected result | Pass |
| TC\_02 | Verify that user is able to sign up with e-mail in correct format (i.e. xyz@domain.com) | E-mail: usman@gmail.com | - Open webpage.  - Click on “SIGN UP” button.  - Choose the Retailer option for Sign Up.  - Enter the given e-mail. | Upon entering the “@” character, outline of the e-mail text box changes from red to blue, indicating acceptable e-mail. | Same as expected result | Pass |
| TC\_03 | Verify that user is able to sign up with a password that is at least 8 characters long. | Password:  abcd1234 | - Open webpage.  - Click on “SIGN UP” button.  - Choose the Retailer option for Sign Up.  - Enter the given password | Upon entering the eighth character, outline of the password text box changes from red to blue, indicating acceptable password. | Same as expected result | Pass |
| TC\_04 | Verify that phone numbers with exact 11 length are accepted. | Phone number: 12345678901 | - Open webpage.  - Click on “SIGN UP” button.  - Choose the Retailer option for Sign Up.  - Enter the given phone number | Upon entering the eleventh character, outline of the password text box changes from red to blue. | Same as expected result | Pass |
| TC\_05 | Verify that address with at least 10 characters is accepted. | Address:  Shah Latif Town | - Open webpage.  - Click on “SIGN UP” button.  - Choose the Retailer option for Sign Up.  - Enter the given address | Upon entering the tenth character, outline of the password text box changes from red to blue. | Same as expected result | Pass |
| TC\_06 | Verify that user is not able to log in without entering all fields. | Test all combinations of the data above, leaving one field empty for each iteration. | - Open webpage.  - Click on “SIGN UP” button.  - Choose the Retailer option for Sign Up.  - Enter the given information  - Leave any one of the fields empty  - Click “Sign Up” | Clicking “Sign Up” button has no effect, with empty/incorrect field text boxes highlighted with a red border. | Same as expected result | Pass |
| TC\_07 | Verify that product can only be added with count less than the initial total count mentioned | Total count: 10  Count for added product: 7 | - Open webpage.  - Click “Log In”  - Enter username and password.  - Click on the “Inbound” icon.  - Click “Add Product”  - Mention Product ID, name, and count in the dialog box. | Product is successfully added. | Same as expected result | Pass |
| TC\_08 | Verify that product cannot be dispatched with count greater than available product | Product count: 7  Dispatch count: 8 | - Open webpage.  - Click “Log In”  - Enter username and password.  - Click on the “Outbound” icon.  - Click “Dispatch Product”  - Enter Product ID and dispatch count in dialog box. | Message displayed that product cannot be dispatched with invalid count. | Same as expected result | Pass |
| TC\_09 | Verify that products are successfully deleted given exact product ID | Product ID: E-01  (Add Product first with any count) | - Open webpage.  - Click “Log In”  - Enter username and password.  - Click on the “Inbound” icon.  - Click “Delete Product”  - Enter Product ID in dialog box. | Product is removed from product list | Same as expected result | Pass |
| TC\_10 | Verify that products can be search using their name. | Product name: Apples (Add Product first with any count) | - Open webpage.  - Click “Log In”  - Enter username and password.  - Click on the “Inbound” icon.  - Click “Search Product”  - Enter Product name in text box. | Searched product’s information is displayed | Same as expected result | Pass |