**Test Plan**

**User Registration:**

Positive Test Case:

Input: Valid user details for registration (unique email, valid password, etc.)

Expected Result: User should be successfully registered and redirected to the homepage.

Negative Test Case:

Input: Invalid user details for registration (existing email, weak password, etc.)

Expected Result: User registration should fail with appropriate error messages displayed.

**User Login**

Positive Test Case:

Input: Correct email and password for a registered user

Expected Result: User should be successfully logged in and redirected to the homepage.

Negative Test Case:

Input: Incorrect email and/or password

Expected Result: User login should fail with an error message displayed.

**User Logout**

Test Case:

Preconditions: User is logged in

Actions: Click on the logout button

Expected Result: User should be logged out and redirected to the login page.

**Contact Us Form**

Test Case:

Input: Fill in the contact form with valid information and submit

Expected Result: The form submission should be successful, and a confirmation message should be displayed.

**Product Functionality**

Test Cases:

Verify All Products and product detail page

Search Product

View Category Products

View & Cart Brand Products

Add review on product

Add to cart from Recommended items

Verify Product quantity in Cart

Add Products in Cart

Remove Products From Cart

Verify Cart After Login

Expected Result: The respective product actions should work as intended, such as searching, adding to cart, removing from cart, writing reviews, etc.

**User Registration Validation**

Test Cases:

Register User with existing email

Place Order: Register while Checkout

Place Order: Register before Checkout

Place Order: Login before Checkout

Expected Result: User registration should be validated correctly for different scenarios, such as existing email, placing orders during different stages, etc.

**Checkout and Order**

Test Cases:

Verify Subscription in home page

Verify Subscription in Cart page

Verify address details in checkout page

Download Invoice after purchase order

Expected Result: The checkout and order process should work smoothly, including verifying subscription options, validating address details, generating invoices, etc.

**Scroll Functionality**

Test Cases:

Verify Scroll Up using 'Arrow' button

Verify Scroll Down functionality

Verify Scroll Up without 'Arrow' button

Expected Result: The scroll functionality should work as expected, allowing users to navigate the page smoothly.