**Testing Scope, Scenarios, Bugs and Further testing areas:**

**Timebox/Duration –** 30 mins

**Target/Scope:** https://magento.softwaretestingboard.com/

**New user:** As a new user, I want to create an account in LUMA shopping site so that I can buy products using my registered account.

**Test Scenarios:**

1. Navigate to Registration Page:

* Verify that the user can access the homepage.
* Verify that the user can access the create account page from the homepage.
* Verify that the user can access the sign in page from the homepage.
* Verify that the user can go back to the Home page by clicking on the Logo.

2. Form Fields Validation:

* Verify that all mandatory fields are present (e.g., First Name, Last Name, Email, Password).
* Verify that the password field enforces minimum length and complexity requirements.
* Verify that all the mandatory fields are validated with blank data.
* Verify that the system validates the email format and displays an error message for invalid email formats.
* Verify that the password confirmation field matches the password entered and displays an error if they do not match.
* Verify that appropriate error messages are displayed when required fields are left blank or when invalid data is entered.

3. Successful Registration:

* Verify that a user can successfully register with valid information and is redirected to the appropriate page (e.g., account dashboard).
* Verify the username is displayed at the top after signing in.
* Verify the user is logged in even a new tab is opened, or the page is refreshed.

4. Duplicate Email Check:

* Verify that the system displays an error message when a user attempts to register with an already used email address.

**Registered user:** As a Registered user, I want to check different clothing options for men so that I can compare the product and buy it.

**Test Scenarios:**

1. Navigate to Men’s Clothing:

* Verify that the user can access the What’ s new, Men's, Women’s, Training and sales section from the homepage.
* Verify that the user can access the all the Image based sections from the homepage.
* Verify that the user can access the all the titles from the footer section.

2. Product Categories and Filters:

* Verify that the user can apply various filters (e.g., size, colour, price range) to view different clothing options.
* Verify that the user can remove various filters (e.g., size, colour, price range) to view different clothing options.
* Verify that the user can remove all the filters by clicking clear option.
* Verify that the user can change display of products from grid to list and vice versa.
* Verify that the user can search the products by using keywords.

3. Product Listings:

* Verify that the product listings display correct information including images, names, prices, and brief descriptions.
* Verify the user can navigate using the breadcrumbs.

4. Product Details Page:

* Verify that the clicking on a product takes the user to the detailed product page with more information and additional images.
* Verify that the user can make any changes to see the product types and colours.

5. Compare Products:

* Verify that the user can compare multiple products and view differences.

6. Add to Cart:

* Verify that the user can add items to the cart from the product details page.
* Verify that the user can add items to the cart from the product listings by choosing the colour and size directly.

7. View Cart:

* Verify that the user can view and edit items in the cart, including updating quantities or removing items.
* Verify the quantity, total amount, GST, shipping fee and discount code changes.

8. Checkout Process:

* Verify that the user can proceed to checkout from the cart and complete the purchase.

9. My orders:

* Verify that the user can see the list of orders and the respective order details.
* Verify that the user can view the full order details.

10. Order history:

* Verify that the user can see the previously ordered items in the suggestions.

**2. Exploratory Testing on Checkout Functionality**

Description:

I navigated through the checkout process by simulating different user actions and scenarios to identify any usability issues or functional bugs. This included testing various input combinations and edge cases.

I have tried the accessibility testing by just using the keyboard as an input method.

Scenarios Tried:

* Initiated checkout with items in the cart.
* Applied random discount codes and verified their application.
* Checked for tax calculations and shipping fees.
* Attempted checkout without logging in.
* Verified checkout flow with different shipping addresses.
* Tested if the order confirmation is displayed after successful payment.

**3. Bug Reporting:**

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Summary | Description | Attachment |
| 1 | Contact us Page not found | Navigate to the contact us page and verify the contact page details.  Footer -> Privacy and cookie policy -> contact us | ContactusIssue.png |
| 2 | Product in the Wishlist is not matching with the selected product. | Add a product to the Wishlist by choosing a different colour instead of the default option and verify the same at the Wishlist page. | wishlistIssue.png |
| 3 | Product in the cart is not matching with the selected product. | Add a product to the cart by choosing a different colour instead of the default option and verify the same at the cart checkout page. | cartImageIssue.png |
| 4 | Decimal values error in the Quantity box is refreshing the page instead of field validation error. | When a quantity is entered with decimal values, the page is refreshed, and the error message is displayed at the top instead of handling the error message directly at field level. | quantityfieldIssue.png |

**4. Further Testing Areas:**

* Payment Gateway Integration: Ensure all payment methods are working correctly and securely.
* Discount Codes: Test various valid and invalid discount codes thoroughly.
* Order Confirmation and Emails: Verify that order confirmation emails are sent and contain correct details.
* Edge Cases: Test scenarios with multiple items, high-value orders, and international shipping options.
* Cross-browser Testing: Ensure the checkout process works across different browsers (Chrome, Firefox, Safari, etc.).
* Mobile Responsiveness: Verify the checkout process on various mobile devices and screen sizes.
* Performance Testing: Test the checkout process under high load to check for any performance degradation.
* Security Testing: Ensure sensitive data like payment information is handled securely and is encrypted.