

Test Plan Document for Luni Interface Website:

Test Plan Overview:

Project Name: Test Automation for Luni Interface Website

Objective:

To validate the functionality, usability, and responsiveness of the Luni Interface website hosted at [Luni Interface](#). The testing will focus on critical features like Homepage Navigation, Login/Signup, Interactive components, Add-to-cart & checkout processes, Responsiveness and Layout, Content validation and Footer Links.

In-Scope:

- Homepage navigation
- Interactive components (sliders, toggles)
- Add-to-cart and checkout processes
- Form validation (error and success messages)
- Responsiveness across desktop, tablet, and mobile views
- Footer links

Out-of-Scope:

- Performance testing
- Security testing
- Backend integration tests

Approach:

- **Testing Tool:** Cypress
- **Design Pattern:** Page Object Model (POM)
- **Levels of Testing:**
 - Functional testing
 - UI testing
 - Responsive design testing

Test Type:

- **Functional Testing:** Focused on features and workflows to ensure they work as intended.
- **Usability Testing:** Evaluates user experience, accessibility, and design responsiveness.

Test Strategy:

Functional Testing:

- Test individual workflows and UI components.
- Use Cypress for automated validations.

Usability Testing:

- Evaluate user experience through manual testing across devices.
- Focus on design clarity, accessibility, and intuitive navigation.

Testing Flow:

- Execute tests for navigation links and header/footer elements.
- Validate login/signup processes using valid and invalid inputs.
- Test interactive components and responsiveness on multiple devices.
- Execute cart addition and checkout workflows.
- Evaluate the accuracy of static and dynamic content.

Key Features to Test

Homepage Navigation

- Validate all header and footer links for proper redirection.
- Verify login/signup workflows.
- Test redirection from call-to-action buttons to target pages or sections.

Interactive Components

- Verify sliders, toggles, and other dynamic elements function as expected.
- Test interactive elements for responsiveness on different screen sizes.

Add-to-Cart & Checkout Process

- Add items to the cart and ensure seamless checkout workflows.
- Validate error messages for incomplete fields and success messages after correct submissions.

Responsiveness and Layout

- Test layout consistency across devices (desktop, tablet, mobile).
- Validate the behaviour of elements during screen resizing.

Content Validation

- Verify static content like headers, labels, and descriptions for accuracy.
- Ensure dynamic content updates appropriately with user interactions.

Footer Links

- Test footer links for accurate redirection (e.g., About Us, Terms & Conditions).

Tools Used:

- **Cypress:** Test automation for end-to-end validation.
- **Browser Developer Tools:** Inspect and debug issues.
- **Google Docs/Sheets:** Documentation and reporting.
- **Trello/Jira:** Track and manage defects.

Testing Environment:

- **Browsers:** Latest versions of Chrome, Firefox, and Safari
- **Devices:** Desktop (1280x720), Tablet (768x1024), Mobile (375x667)

URL: [Luni Interface](#)

Access:

- Ensure testers have access to the live website and necessary credentials for testing.

Test Execution Timeline:

18/12/2024 to 21/12/2024

Approved By:

Vaishnavi Lakhore

Tester:

Taffazul Ansari