Test Plan for Rokomari

1. Introduction:

1.1 Overview of the Website:

Rokomari is an online bookshop in Bangladesh that offers a wide range of books, electronics, and gifts. The website features key functionalities such as user registration, product search, shopping cart management, and a streamlined checkout process, making it easy for users to browse and purchase products online.

1.2 Purpose of Testing:

The goal of this testing is to ensure that the Rokomari website functions consistently across all major web browsers. This will help identify and fix any browser-specific issues, ensuring a smooth and uniform user experience for all visitors, regardless of their browser choice.

2. Scope:

- Testing will cover the latest versions of major web browsers including Google Chrome, Mozilla Firefox, Microsoft Edge, and Safari.
- The scope includes verifying the homepage, key pages (such as product, checkout, and account pages), core functionalities (search, filters, login, registration), and responsiveness across different screen sizes.
- Both desktop and mobile versions of the website will be tested if applicable.

3. Test Items:

- Website URL: [Rokomari]
- Browsers to be tested:
    - Google Chrome (latest version)
    - Mozilla Firefox (latest version)
    - Microsoft Edge (latest version)
    - Safari (latest version)
- Key functionalities:
    - Homepage

- o Search Bar
- o Filtering Options
- o Product Details Page
- o Shopping Cart
- o Checkout Process
- o User Registration and Login
- o Responsive Design

4. Features to be Tested:

- Page load time and performance across different browsers.
- Consistency of the website layout and UI elements.
- Functionality of key features such as search, filters, login, and registration.
- Cross-device compatibility (responsive design) for both desktop and mobile versions.
- Browser-specific features and rendering.

5. Features Not to be Tested:

- Non-web components (e.g., backend services).
- Browser extensions or plugins that could affect the website's behavior.

6. Test Approach:

- **Manual Testing:** Each test case will be executed manually across the different browsers listed. The focus will be on visual inspection, functional verification, and responsiveness testing.
- **Functional Testing:** Verify that all key functionalities (e.g., search, login) work as intended in each browser.
- **Usability Testing:** Ensure that the user experience is consistent and intuitive across all browsers.
- **Performance Testing:** Measure the page load time and performance differences between browsers.
- **Responsive Design Testing:** Resize browser windows to simulate different screen sizes and test the website's responsiveness.

6. Pass/Fail Criteria:

- **Pass:** The website loads correctly, UI elements are consistent, and all functionalities work as expected in each browser.
- **Fail:** Any significant visual inconsistencies, broken functionalities, or performance issues across browsers will result in a fail.

7. Entry Criteria:

- The website is fully developed and accessible.
- All test environments (browsers) are set up and ready for testing.

8. Exit Criteria:

- All test cases have been executed across all browsers.
- All critical and major issues identified have been resolved and retested.
- The website is confirmed to be fully functional across all tested browsers.

9. Test Deliverables:

- **Test Plan Document:** This document outlining the strategy and approach for cross-browser testing.
- **Test Cases:** Detailed test cases for cross-browser compatibility testing.
- **Test Execution Report:** A report of the results of the test cases executed.
- **Defect Log:** A log of any issues or bugs discovered during testing, including browser-specific issues.

10. Roles and Responsibilities:

- **Test Lead:** [Name] – Responsible for overall test planning and execution.
- **Testers:** [Md Ashiqual Hossain] – Responsible for executing test cases and reporting issues.
- **Developers:** [Names] – Responsible for fixing any defects identified during testing.

11. Schedule:

- **Test Planning:** [20/08/2024] - [12/09/2024]
- **Test Execution:** [1/08/2024] - [12/08/2024]

- **Defect Fixes and Retesting:** [22/08/2024] - [10/09/2024]
- **Final Reporting:** [Date]

15. Risks and Mitigation:

- **Risk:** Delays in browser updates might cause discrepancies in test results.
  - **Mitigation:** Ensure testing is conducted on the latest stable browser versions.
- **Risk:** Browser-specific bugs may require more time to resolve.
  - **Mitigation:** Allocate additional time for fixing and retesting browser-specific issues.

16. Dependencies:

- Access to all required browsers and devices.
- Stable and fully developed website environment.
- Availability of the testing team.

17. Approval:

- This test plan must be reviewed and approved by the Test Lead, Project Manager, and Development Lead before execution.

Prepared by: Md Ashiqual Hossain

Date: 28/08/2024

Approved by: [Names of approvers]

This test plan outlines the strategy, scope, and approach for ensuring cross-browser compatibility, ensuring the website provides a consistent user experience across different browsers.