



TEST PLAN

Project Name : Flipkart Application



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End Date: November 13, 2024

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Introduction

Flipkart is one of India's leading e-commerce platforms, offering a diverse range of products including electronics, fashion, home essentials, and more. Known for its innovative features and reliable service, it has transformed the online shopping experience for millions of customers.

Objectives

- Ensure all navbar links redirect to the correct pages and dropdown menus work as expected.
- Verify the functionality of Search, Add to Cart, Checkout, Login, Sign-Up, Profile, and Footer links.
- Ensure the website works seamlessly across various browsers (Chrome, Firefox, Safari, Edge) and devices (desktop, tablet, mobile).

Scope

- The test plan covers functional, UI/UX, Performance, Compatibility, and Usability testing
 - Ensures compatibility across major browsers like Edge, Chrome, and Brave, and devices including desktop and mobile.
 - Focuses on manual testing of key functionalities to ensure a consistent and seamless user experience.

Testable Features

- Navbar: Links to various categories such as "Grocery," "Mobiles," "Fashion," "Electronics," "Home & Furniture," "Appliances," "Flight Bookings," "Beauty, Toys & More," and "Two Wheelers."

- Search Bar: A central search functionality that allows users to search for products across all categories.
- Profile Section: Options for login/signup, account management,
- Add to Cart : feature for adding or removing items from the cart.
- Checkout Process: completing a purchase, including accessing the payment gateway.
- Home Page: Contains images, text, and buttons for easy navigation and product discovery.
- Product Liked Feature: : Allows users to mark products as favorites.
- Footer Links: Testing links like "Contact Us," "Privacy Policy," etc.
- Homepage Images: Ensures images display correctly and are responsive across devices

Testing Approach

Testing Types:

- Functional Testing: Verifies that each feature, such as adding items to the cart and logging in, works as expected.
- UI/UX Testing: Ensures the website is visually appealing, intuitive, and provides a seamless user experience.
- Compatibility Testing: Tests the website on different browsers like Chrome and Firefox and across various devices, including desktop, tablet, and mobile.

Flipkart Testing Methodologies:

- Exploratory Testing: Conducts unscripted testing to find bugs and usability issues.

- Regression Testing: Ensures that updates or changes do not affect existing functionality.
- User Acceptance Testing (UAT): Validates that the website meets user expectations and business requirements.
- Black Box Testing: Focuses on testing the website’s functionality without looking into the code or internal structure.

Roles/Responsibilities

Test Manager: Oversee the test process and manage resources.

Test Lead: Define strategies, assign tasks, and review test results.

Test Engineer: Write test cases, execute tests, report defects.

Test Schedule

Task	Duration
Test Plan Creation & Mind Map	13 November 2024
Test Scenario	14 November 2024
Test Cases & Execution	14 November - 16 November

Bug Reporting	15 November - 16 November2024
Test Summary / Presentation Report Submission	18 November 2024

Test Deliverables

Deliverable	Description
RTM	Detailed Requirement strategy and Feature.
Mind Map & Test Plan	Detailed testing strategy and scope
Test Cases	Detailed cases for functional/UI testing
Defect Reports	Identified bugs during testing
Test Summary	Detail summarise what you have done in whole Testing

Entry & Exit Criteria

Entry Criteria:

- Access to the demo website with all features enabled.
- Test cases reviewed and ready for execution.

Exit Criteria:

- All critical bugs are fixed, and all key functionalities meet expectations

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Tools

- **BrowserStack:** For cross-browser and device testing.
- **Google Sheets:** For managing test cases and defect reports.

Risks and Mitigation Plans

Deliverable	Description
Unstable website	Plan testing during stable hours.
Undefined requirements	Clarify requirements before testing

Approvals

Masai will send different types of documents for Client Approval like below:

- RTM
- Test Plan
- Test Scenarios
- Reports

Testing will only continue to the next steps once these approvals are done.