

Test Plan For Daraz

1 Test Plan Id:TP-DARAZ-001

2 Introduction

The purpose of this test plan is to outline the scope, approach, resources, and schedule of the testing activities for Daraz.com.bd, an e-commerce platform. The focus of the testing will be to ensure that key functionalities such as account management, product catalog, shopping cart checkout, payment gateway, and order management work as expected. Usability testing will also be conducted to ensure the platform is user-friendly and intuitive.

2.1 Application Overview

Daraz.com.bd is an e-commerce platform that allows users to browse, search for products, add items to their shopping cart, and complete the purchase using various payment methods. Users can also manage their accounts, track orders, and request returns or refunds.

2.1.1 Purpose

The purpose of this test plan is to ensure that Daraz.com.bd functions correctly across different key areas, including user account management, product catalog, shopping cart, checkout, payment, and order management. Usability testing will also be conducted to ensure that the platform provides a seamless user experience.

3 Test Items

Account Management: User registration, login, logout, password reset, and profile updates.

Product Catalog: Searching for products, browsing categories, filtering results, and viewing product details.

Shopping Cart Checkout: Adding/removing items from the cart, applying discounts, calculating shipping costs, and completing the checkout process.

Payment Gateway: Testing various payment methods, ensuring successful and failed transactions are handled correctly.

Order Management: Tracking orders, viewing order history, and initiating returns or refunds. Usability testing will also be a key focus to ensure the platform is user-friendly and intuitive

4 References

1. User documentation for Daraz.com.bd.
2. Daraz.com.bd platform specifications and design documentation.

5 Features to be Tested

1. Account creation, login, and profile management.
2. Search, filter, and browse the product catalog. Adding/removing products to/from the shopping cart.
3. Checkout process, including applying discounts and calculating shipping costs.
4. Integration of the payment gateway, handling successful and failed transactions.
5. Tracking of orders, returns, and refunds.
6. Usability aspects of the website, including ease of navigation and responsiveness to mobile devices.

6 Features Not to be Tested

1. Internal backend systems
2. Integration of the system with third-party suppliers.
3. Performance and load testing (will be conducted in a separate performance testing phase).

7 Test Approach

The test approach will include both manual and automated testing. The following types of testing will be performed:

Manual Testing: Focus on usability, interface, and user journey aspects of the platform.

Validate all user-facing functionalities, including navigation, layout, and accessibility.

Automated Testing:Cover repetitive test cases, such as login/logout, check-out process, and order management.

Functional Testing:Ensure all functionalities, including account management, product catalog, cart management, payment, and order tracking, work as expected.

Usability Testing:Evaluate user-friendliness, ease of navigation, and accessibility.

Regression Testing:Conduct regression testing after bug fixes or new feature releases to ensure system stability.

8 Pass/Fail Criteria

A test item will be marked as "Pass" if the actual results match the expected results as outlined in the test cases. The test item will be marked as "Fail" if it does not meet the expected results, or if any critical issues are identified during the testing process.

9 Suspension Criteria

Testing will be paused if any of the following criteria are met:

- 1.The critical defects have been resolved
- 2.Changes have been properly documented, and the impact on testing has been evaluated.

10 Roles And Responsibilities

Test Lead:Responsible for planning,monitoring,and reporting the testing process.

QA Engineers:Execute test cases and log defects.

Developers:Fix reported defects.

11 Schedule

Test Planning:Week 1

Test Case Design:Weeks 2-3

Test Environment Setup:Week 2

Test Execution: Weeks 4-6

Defect Fix and Regression Testing Week 7

12 Training

Training required for effective testing:

Domain Training: Understanding the core functionalities of the daraz application including user management, transaction workflow, and security protocols to ensure accurate and effective testing.

Process Training: Guidelines on manual testing strategies and techniques for transaction functionality

13 Test Environment

Hardware Requirements: Test devices for different platforms (desktop, mobile, tablet).

Browser Requirements: Chrome, Firefox and Edge browsers for compatibility testing.

14 Test Deliverables

Lists of the documents and reports generated during testing:

- 1.Document of the test plan
- 2.Mind Map
- 3.Test Scenarios
- 4.Test Cases and Test Data
- 5.Test Summary Report
- 6.Bug Report

15 Approvals

Specifies who has the authority to approve the test plan and test results:

QA Lead,PM,Development Team

16 Glossary

Defines key terms used in the document for clarity:

QA:Quality Assurance

PM:Product Manager