

Test Plan for Lazz Pharma Limited

Test Plan ID: TP-LP-001

Introduction:

This test plan outlines the approach, scope, and methodology for testing the Lazz Pharma Online web application. The primary goal is to ensure that the platform provides a seamless, secure, and accessible user experience for ordering pharmaceutical and healthcare products. As an e-commerce solution dealing with medical goods and sensitive customer data, rigorous validation of functionality, usability, and security is essential.

- **Application Overview**

Lazz Pharma Online is a digital extension of the Lazz Pharma pharmacy chain, offering users the ability to browse and order medicines, wellness items, and healthcare essentials. Key features include product search, prescription uploads, account management, secure checkout, and customer service access.

- **Purpose**

The primary objective of this test plan is to assess the quality and reliability of the Lazz Pharma Online platform. The testing activities aim to:

- Verify the functionality of critical modules and workflows.
- Ensure cross-browser and cross-device usability.
- Detect and report defects and inconsistencies.

Test Items:

Modules to be tested include:

- **User Account:** Sign Up, Login, Logout, Profile, Order History, Prescription History, Request History, Submit Complain, Payment History.
- **Homepage:** Banners, Marquee, Service Highlights, Featured Products, Resort Banner.
- **Categories**
- **Product Management:** Product Search, Product Card, Product Cart, Checkout.
- **Request Order**
- **Special Offers**
- **Branch Locations:** Search Branch, Branch List, Map Location
- **Company Info:** Reviews, Gallery, About Us, Contact us, Franchise Info
- **Footer Section**

References:

Documents and standards referred to during the test planning and execution phase:

- IEEE 829 Test Documentation Standard: For test case and documentation structure

Features to be Tested:

- Sign Up, Login, Logout, Profile, Order History, Prescription History, Request History, Submit Complain, Payment History.
- Banners, Marquee, Service Highlights, Featured Products, Resort Banner.
- Categories.
- Product Search, Product Card, Product Cart, Checkout.
- Request Order.
- Special Offers
- Search Branch, Branch List, Map Location
- Company Info
- Footer Section.

Features Not to be Tested:

- Internal database backup mechanisms
- Backend server architecture and deployment process
- Third-party integrations like payment gateway internals

Test Approach:

- **Manual Testing:**
 - Performed across various devices and browsers.
- **Test Types:**
 - Functional Testing.
 - UI Testing
 - Compatibility Testing
 - Usability Testing

Entry Criteria:

- Codebase is deployed to the staging/test environment
- Test cases are prepared and reviewed
- Test data (users, products) is seeded
- Browsers and tools are available

Exit Criteria:

- All critical and high-severity test cases executed
- All major bugs fixed and verified
- Test summary report approved by stakeholders

Suspension Criteria:

Testing will be suspended if:

- Blocking defects in the checkout or login process
- Inaccessibility of test environment
- Major UI layout issues

Roles & Responsibilities:

- **Test Lead:**
 - Plan and oversee testing activities.
 - Review test cases and reports.
- **QA Engineers:**
 - Execute test cases.
 - Log defects and retest fixes.
- **Developers:**
 - Fix defects reported by the QA team.
- **Project Manager:**
 - Approve the test plan and deliverables.

Schedule:

- **Test Case Preparation:** 3 days
- **Test Execution:** 5 days
- **Defect Retesting:** 2 days
- **Test Summary Report:** 1 day

Training:

- **Domain training:** Pharma and Healthcare UX
- **Process training:** Guidelines on manual testing strategies and techniques for transaction functionalities.

Test Environment:

- **Hardware:**
 - Laptops/Desktops (Windows).
 - Mobile device (Android).
- **Software:**
 - Browsers: Chrome, Firefox, Edge.
 - Operating Systems: Windows 11, Android.
- **Test Data:**
 - Sample products, user accounts, and payment details.

Test Deliverables:

Lists the documents and reports generated during testing:

- Test Plan Document
- Mind Map
- Test Scenarios
- Test Cases and Test Data
- Test Summary Report
- Bug Report

Approval:

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

- QA Lead, PM, Development Team.

Glossary

- **QA:** Quality Assurance
- **UI:** User Interface
- **UX:** User Experience
- **Defect:** Any deviation from expected functionality.