

Test Plan for MeenaBazar

Test Plan ID: TP-MeenaBazar-001

Introduction:

This test plan explains how the **MeenaBazar Online Shopping Web Application** will be tested, covering the goals, workflow, major functional areas, and quality checks such as usability, performance, data accuracy, and cross-browser compatibility. Since MeenaBazar handles user authentication, product browsing, ordering, payment, and delivery processes, it is crucial to ensure that the website works smoothly, securely, and reliably for all customers.

• Application Overview

MeenaBazar Online is an e-commerce platform designed for browsing products, managing carts, placing orders, making digital payments, and tracking order statuses. It enables users to shop for groceries and daily essentials through a simple, secure, and seamless user interface.

• Purpose

The primary purpose of this test is to ensure the overall **quality, stability, and usability** of the MeenaBazar web application by thoroughly validating its features and components. The testing process aims to:

- Confirm that all core functionalities work correctly
 - Ensure the platform is user-friendly and easy to navigate
 - Verify data accuracy for carts, prices, and payments
 - Ensure smooth performance under different conditions
 - Validate security, privacy, and error-handling mechanisms
 - Ensure compatibility across different browsers and screen sizes
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Test Items:

List of the specific modules of the **MeenaBazar application** that will be tested:

- **User Authentication:** Sign In, OTP verification, Logout
 - **User Account:** Dashboard, Personal Info, Address Book, Order History
 - **Shopping Cart & Checkout:** Add/Remove items, quantity update, price calculation
 - **Payment Methods:** bKash, Nagad, Credit/Debit Card payments
 - **Product Catalog:** Categories, product listing pages, product detail pages
 - **Search Functionality:** Keyword search, partial search, no-result handling
 - **Order Tracking:** View order status and tracking details
 - **Wishlist:** Add/remove items
 - **Contact & Support:** Contact Info, FAQs, T&C, Privacy Policy, Social links
 - **Global Components:** Header, Footer, Navigation menu
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References:

Documents and resources used during test planning and execution:

- MeenaBazar website (live application)
 - Internal test scenarios and test cases document
 - QA best practices and manual testing guidelines
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Features to be Tested:

This section lists the features that will be validated during testing:

- User Login (via mobile/email + OTP)
 - Logout functionality
 - Add to Cart, Update Quantity, Remove item
 - Checkout flow and delivery slot selection
 - Payment processing via bKash, Nagad & Card
 - Search bar functionality
 - Product categorization and product details
 - Profile updates and address management
 - Wishlist management
 - Order history & order tracking
 - Footer components: Contact Us, FAQ, Policies, Social Media links
 - Responsiveness across devices
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Features Not to be Tested:

Specifies what will be excluded from the testing scope:

- Backend API performance benchmarking
 - Third-party vendor systems (delivery services)
 - Internal admin dashboard (if not part of scope)
 - Deep security penetration testing
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Test Approach:

Testing will follow a structured manual testing approach including requirement analysis, test planning, test case creation, execution, bug reporting, and regression cycles. Testing will cover:

- **Functional testing**
- **Usability testing**
- **Compatibility testing**
- **UI/UX validation**
- **Negative testing**

All defects will be logged with severity and priority. Regression testing will be performed after fixes. No automation is planned at this stage. Progress will be monitored and reported throughout the execution cycle.

Entry Criteria:

- Application build is stable
 - Test cases are reviewed and approved
 - Test environment and test data are prepared
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Exit Criteria:

- All critical and major test cases are executed
 - No high-severity defects remain open
 - Test summary report is created
 - All defects are retested and closed (or accepted with justification)
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Suspension Criteria:

Testing may be paused if:

- Critical/blocker bugs prevent further testing
 - Test environment becomes unavailable
 - Major module failure occurs
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Roles and Responsibilities:

- **Test Lead:** Test planning, monitoring, reporting
 - **QA Engineers:** Execute test cases, log bugs, retest fixes
 - **Developers:** Fix defects and provide updated builds
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Schedule:

- **Test Planning:** Week 1
 - **Test Case Design:** Week 2
 - **Test Execution:** Week 3–4
 - **Defect Fixing & Regression:** Week 5
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Training:

Required training for effective testing:

- **Domain Training:** Understanding e-commerce user flows: search, cart, checkout, payments
 - **Process Training:** Manual testing techniques, defect lifecycle, payment validation steps
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Test Environment:

- **Hardware:** Windows/Mac machines with 8GB RAM or higher
 - **Software:** Google Chrome, Mozilla Firefox, Microsoft Edge
 - **Tools:** Google Sheets, Screenshot tools, Browser DevTools
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Test Deliverables:

- Test Plan Document
 - Mind Map
 - Test Scenarios
 - Test Cases + Test Data
 - Test Summary Report
 - Bug Report (with screenshots)
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Approvals:

- QA Lead
 - Project Manager
 - Development Team
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Glossary:

- **QA:** Quality Assurance
 - **PM:** Project Manager
 - **TC:** Test Case
 - **SR:** Summary Report
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