

Testplan for Aarong

Test Plan ID: TP-ARNG-001

Introduction: This test plan describes the testing strategy for Aarong's e-commerce platform, ensuring that all functionalities perform as expected. The objective is to identify defects and verify system reliability, usability, and security. This test plan will serve as a guide for testers, developers, and stakeholders throughout the testing lifecycle, ensuring a smooth and efficient quality assurance process.

Test Items: List of all modules that are intended to be tested.

- User Management: Pre Login, Post Login.
- Product Categories: Browsing, Filtering & Sorting, Product Details.
- Customer Service: Shopping Cart, Checkout Process, Contact, Order Tracking, Returns & Exchanges.
- Search Functionality: Keyword Search, Search result.
- International Market Place: Global Market Place availability, Multi-Currencies support.
- Brand Identity: Taaga, Aarong Dairy, Brac silk, etc.
- Footer & Social Media: Links, Mobile App Download.

References: The list of documents supports this test plan.

- Business Requirements Document (BRD).
- Functional Specification Document (FSD).

Features to be Tested: List of those features will be tested.

- User authentication (Signup/Login via email, Google, Facebook)
- Product browsing & search functionality
- Shopping cart & checkout process
- Payment methods & order confirmation
- Customer service functionalities
- Mobile responsiveness (Android)
- Social media & app integration
- Localization & multi-currency support

Features not to be Tested: These features will not be tested here.

- Third-party integrations that do not impact user experience directly.
- Internal database management is not to be tested.
- Backend API performance does not test from the end user.

Test Approach: The overall testing approach is discussed according to the test plan.

- Functional Testing will ensure all modules work as expected.
- UI Testing will ensure consistency in layout, design, and responsiveness.
- Security Testing will check for data protection and compliance issues.
- Regression Testing will be conducted after every update.

Entry Criteria: Here is explained when the test case starts to execute.

- All application components are developed and available for testing.
- Test environment is set up.
- Test data is ready.

Exit Criteria: Here is explained when the test case stops executing.

- All test cases executed successfully.
- No critical or high-severity defects remain open.
- Test Summary Report is prepared and reviewed.

Suspension Criteria: Here is described when it can be stopped temporarily.

- Major defects blocking test execution.
- Unavailability of test environment or test data.
- Delay in development deliverables.

Roles & Responsibilities: List of team members' roles.

- Test Lead: Define the test plan, assign tasks, monitor execution.
- Testers: Execute test cases, report defects, validate fixes.
- Developers: Fix reported issues and provide support.
- Project Manager: Ensure timelines and overall test execution.

Schedule: Duration for all specific test activities.

- Test Planning: 1 Week
- Test case design: 2 Weeks
- Bug Report and Fixing: 2 Weeks
- Test Report summary: 1 Week

Training: For effective testing, training is needed to test.

- Testers will undergo product walkthroughs.
- Training on compliance guidelines.
- Hands-on training for new testing tools, if required.

Test Environment: Provides detailed information about the testing environment, which will support.

- Operating Systems: Windows, Android

- Browsers: Chrome, Edge
- Devices: Desktop, Mobile

Test Deliverables: List of those parts which will be delivered.

- Test Plan Document
- Test Scenarios
- Test Cases
- Bug Reports
- Mind Maps
- Test Summary Report
- Test Metrics

Approvals: List of those members who will approve the test plan.

- QA Lead: Rupa Dey
- Test Reviewer: Ehsanul Alam Sabbir

Glossary: Here is defined the acronym which is used in the test plan.

- QA: Quality Assurance