

Test Plan – Web Shop (E-commerce) Application

1. Introduction

This document describes the test plan for the Web Shop (E-commerce) Application. The purpose of this test plan is to define the scope, approach, resources, and schedule for manual testing activities. The goal is to ensure that the web shop works correctly for end users and meets functional requirements.

2. Objectives

- Verify that core functionalities of the web shop work as expected.
- Identify and report defects in the application.
- Ensure proper working of registration, login, product browsing, cart, and checkout pages.
- Validate form fields, error messages, and basic UI behavior.

3. Scope

In Scope:

- User Registration and Login
- Product listing and product search
- Add to Cart and Remove from Cart
- Cart page and Checkout flow
- Form validations and error messages
- Basic UI checks

Out of Scope:

- Payment gateway real transactions
- Performance testing
- Security testing
- Cross-browser and cross-device compatibility testing

4. Test Approach

Manual testing will be performed based on prepared test cases. Functional testing and basic UI testing will be carried out. Each test case will be executed and results will be marked as Pass/Fail. Defects will be logged in a bug report document with proper steps to reproduce.

5. Test Environment

- Operating System: Windows
- Browser: Google Chrome / Microsoft Edge
- Tools: MS Excel for Test Cases and Bug Report, MS Word for documentation

6. Test Deliverables

- Test Plan Document
- Test Cases Document
- Bug Report
- Test Summary Report

7. Entry and Exit Criteria

Entry Criteria:

- Web shop application build is available for testing
- Test cases are prepared and reviewed

Exit Criteria:

- All planned test cases are executed
- Critical and major defects are reported
- Test summary report is prepared

8. Roles and Responsibilities

- Tester: Prepare test cases, execute tests, and report bugs
- Developer: Fix reported defects
- Reviewer: Review test documents and test results

9. Risks and Mitigation

Risk: Incomplete or unclear requirements

Mitigation: Review requirements and clarify before test execution

Risk: Limited time for testing

Mitigation: Prioritize critical functionalities like login, cart, and checkout

10. Approval

This test plan is prepared for academic and learning purposes for the Web Shop (E-commerce) Application.