

Introduction

This Test Summary Report provides an overview of the testing activities conducted for the Demo Web Shop Application from June 12th, 2025, to June 14th, 2025.

The goals of this report are to show the following:

- Status of test cases executed
- Identified defects.
- Recommendations for improving testing in the upcoming period.

Test Case Execution Status

This is the status of all the test cases that are run on the Web Application:

| Test Case Status | Build Result |
|----------------------------|--------------|
| Total Number of Test Cases | 29 |
| Passed Test Case | 23 |
| Failed Test Case | 6 |
| Blocked/Skipped Test Case | 0 |

DEFECTS STATUS

This table lists the number of defects in based on their priority

| Defect Status | Build Result |
|---------------|--------------|
| Total number | 06 |
| Blocker | 00 |
| Critical | 02 |
| Major | 03 |
| Minor | 01 |

This table lists the number of defects in the based on their type

| Defect Status | Build Result |
|---------------|--------------|
| Total number | 06 |
| Functional | 04 |
| Usability | 02 |

Recommendations & Suggestions

1. Prioritize Critical Fixes

- Checkout & Cart: Ensure button click handlers and cart-total calculations are reliable.
- Security: Provision and enforce a valid SSL certificate; enable HTTPS redirects.

2. Enhance Validation & Error Handling

- Add client- and server-side email format checks on registration.
- Display clear, user-friendly error messages on login failures.

3. Improve UI Responsiveness & Accessibility

- Fix dropdown/category menu rendering; ensure all categories load.
- Optimize image assets (use higher-resolution or responsive sources).
- Adjust CSS breakpoints for mobile view to avoid layout breakage.

4. Stabilize Core Functional Flows

- Verify and correct search indexing so queries return relevant results.
- Implement regression tests for pagination, filtering, and review sections.

5. Process & Release Management

- Triage and assign defects by severity; schedule a hotfix for critical issues.
- Incorporate automated smoke tests (e.g., Selenium) for checkout, login, and search.
- Plan a follow-up test cycle after fixes, including a retest of all impacted workflows.