**Introduction**

This Test Summary Report provides an overview of the testing activities conducted for the Demo Web Shop Application from 10-June-2025, to 14-June-2025.

The goals of this reports 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 Case | 29 |
| Passed Test Case | 23 |
| Failed Test Case | 6 |
| Blocked/Skipped Test Case | 0 |

**DEFECTS STATUS**

This table lists the number of defects in the 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**

o **Checkout & Cart**: Ensure button click handlers and cart‐total calculations are reliable.

o **Security**: Provision and enforce a valid SSL certificate; enable HTTPS redirects. 2. **Enhance Validation & Error Handling**

o Add client- and server-side email format checks on registration.

o Display clear, user-friendly error messages on login failures.

3. **Improve UI Responsiveness & Accessibility**

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

4. **Stabilize Core Functional Flows**

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

5. **Process & Release Management**

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