Introduction

This Test Summary Report provides an overview of the testing activities conducted for the Demo Web Shop Application from May 6th, 2025, to May 10th, 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.