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| **TEST SUMMARY REPORT** |
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**Project Name**: Demo Web Shop

**Prepared By**: Abhishek Maurya

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**Version**: 1.0

**Reviewed By**: Self-Reviewed

# Test Summary Report

## Test Summary

| Total Test Cases | Executed | Passed | Failed | Blocked | Not Executed |
| --- | --- | --- | --- | --- | --- |
| 20 | 18 | 15 | 3 | 2 | 0 |

Total Test Cases: The total number of test cases planned.  
Executed: The number of test cases that were executed.  
Passed: The number of test cases that passed successfully.  
Failed: The number of test cases that failed.  
Blocked: The number of test cases that could not be executed due to blockers (e.g., environment issues).  
Not Executed: The number of test cases that were not executed (e.g., skipped due to time or scope).

## Test Case Execution Results

Passed Test Cases: 15 (75%)  
Failed Test Cases: 3 (15%)  
Blocked Test Cases: 2 (10%)

## Defects Summary

| Defect ID | Module | Severity | Priority | Status | Comments |
| --- | --- | --- | --- | --- | --- |
| BUG001 | Registration | Major | High | Open | Invalid email format not validated |
| BUG002 | Checkout | Critical | High | In Progress | Page freezes during checkout with large cart |
| BUG003 | Product Page | Major | High | Open | XSS vulnerability found in search bar |
| BUG004 | All Modules | Minor | Medium | Open | Buttons not clickable on mobile |
| BUG005 | All Modules | Major | High | Open | Layout issue on Safari browser |

Total Defects Found: 5  
Critical Defects: 1  
Major Defects: 3  
Minor Defects: 1  
Defects Resolved: 0  
Defects Pending: 5

## Test Coverage

Total Requirements: 9  
Requirements Covered by Test Cases: 9 (100%)  
All the requirements were tested with corresponding test cases, ensuring 100% test coverage.

## Overall Test Status

Testing Status: Incomplete  
Critical Issues: 1 critical defect found (checkout page freezing).  
Major Issues: 3 major issues (email validation, XSS vulnerability, Safari layout).  
Minor Issues: 1 minor issue (mobile compatibility with buttons).  
Recommendation: The product is not yet ready for release due to critical and major defects.

## Test Environment

Operating System: Windows 10, macOS Big Sur  
Browsers Tested: Chrome, Firefox, Safari, Edge  
Devices Tested: Desktop, Mobile (iOS and Android)  
Tools Used: Manual testing, Chrome Developer Tools, Bug tracking tool (JIRA)

## Key Findings

Security Issue: XSS vulnerability was found in the search bar input field. This needs immediate attention from the security team.  
Performance Issue: Checkout page freezes when adding a large number of items (1000 items). A performance optimization is required.  
Mobile Compatibility: Some buttons are not clickable on mobile devices, which needs to be addressed for usability.  
Cross-browser Issues: Layout issues observed on Safari browser.

## Conclusion

Test Results: The website has passed most of the functional tests but contains critical and major issues that need to be resolved.  
Overall Quality: The product is not yet ready for release due to unresolved defects, especially critical performance and security vulnerabilities.  
Next Steps: Prioritize fixing critical defects (checkout freezing, XSS vulnerability), then retest after fixes are applied. Re-test mobile compatibility and cross-browser compatibility once the fixes are in place.

## How to Use the Summary Report

Test Summary: Provides a quick overview of the test execution results.  
Test Case Execution Results: Gives insight into the success rate of the tests.  
Defects Summary: Lists the defects found during testing, including their severity, priority, and current status.  
Test Coverage: Ensures that all requirements are covered by test cases.  
Overall Test Status: Summarizes the current state of the testing process.  
Test Environment: Details the environment and tools used for testing.  
Key Findings: Highlights the most important issues found during testing.  
Conclusion: Final analysis on whether the application is ready for release and recommendations for the next steps.  
This Summary Report helps stakeholders quickly understand the status of testing and the quality of the application, providing a foundation for decision-making.