

# TEST EXECUTION REPORT

**Project:** Sauce Demo – Web UI Automation & Manual Testing  
**Version:** 1.0  
**Report Date:** 23-Feb-2025  
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**Test Cycle:** Cycle 01 / Build 1.0.0

## 1. Summary of Testing

This Test Execution Report summarizes the results of manual and automated testing performed on the Sauce Demo web application covering login, product listing, cart, checkout, and order completion modules.

### Testing included:

- ✓ Functional Testing
- ✓ UI/UX Validation
- ✓ Negative & Edge Case Testing
- ✓ Performance Checks
- ✓ Security Behavior Testing
- ✓ Playwright Automated Test Execution

## 2. Test Execution Status Overview

Metric	Count
Total Test Cases Planned	65
Total Test Cases Executed	65
Total Passed	58
Total Failed	07
Blocked / Not Executed	00
Automation Scripts Executed	12
Automation Pass Rate	100%

### 3. Test Case Execution Breakdown (Module-wise)

Module	Planned	Executed	Passed	Failed	Blocked
Login	7	7	6	1	0
Product Listing	6	6	5	1	0
Cart	7	7	6	1	0
Checkout Step One	6	6	5	1	0
Checkout Overview	3	3	3	0	0
Order Completion	3	3	3	0	0
Logout & Session	3	3	3	0	0
Performance & Security	6	6	5	1	0

### 4. Defect Summary

Defect ID	Module	Severity	Status	Description
BUG-001	Login	High	Open	Wrong password error message not consistent
BUG-002	Products	Medium	Fixed	Sorting Z→A displays incorrect order
BUG-003	Cart	Medium	Open	Cart count fails to update on first removal
BUG-004	Checkout Step 1	High	Open	Postal Code field accepts alphabets
BUG-005	Performance	Low	Closed	Page load time exceeded 2 seconds under slow network
BUG-006	Security	Medium	Closed	Cart count modifiable through DevTools
BUG-007	Login	Medium	Closed	Problem_user loads broken image placeholders

## 5. Automation Test Execution Summary

Script Name	Module	Result	Browser	Notes
login.spec.js	Login	Passed	Chromium	-
addToCart.spec.js	Cart	Passed	Chromium	-
checkout.spec.js	Checkout	Passed	Chromium	-
fullPurchaseFlow.spec.js	E2E	Passed	Chromium	Smooth execution
firefox_run.spec.js	Multi-browser	Passed	Firefox	-

Automation Pass Rate: 100%

Total Automated Flows Covered: Login → Add to Cart → Checkout → Complete Order

## 6. Risks & Mitigation During Execution

Risk	Impact	Mitigation Taken
Unstable selectors breaking tests	High	Implemented Playwright locator-based strategy
Sorting bugs in product module	Medium	Logged defect + re-tested after fix
Performance glitch user delay	Low	Added waits for automation stability
DevTools manipulation vulnerability	Medium	Blocked by front-end validation

## 7. Recommendations

- ✓ Prioritize fixes in Checkout Step One (validation defects)
- ✓ Improve UI error message consistency across modules
- ✓ Add backend validation for numeric & alphanumeric fields
- ✓ Enhance performance for slow network scenarios
- ✓ Consider adding automated regression suite for all modules

## 8. Final Test Verdict

### Category

### Status

**Build Stability**

Acceptable

**Major Defects**

Some still open

**Go/No-Go Recommendation**

GO WITH RISKS

### Rationale:

Most core flows (Login, Products, Cart, Checkout, Order Completion) work as expected.  
Remaining bugs are non-blocking and can be patched in the next build.