

Compatibility and Retesting Report - SauceDemo Application

DevelopersHubCorporation Internship

Domain: Software Quality Assurance (SQA)

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Week:2

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COMPATIBILITY AND RETESTING REPORT – SAUCEDEMO WEB APPLICATION

1. Cross-Browser Compatibility Testing Results

1.1 Test Scenarios Executed

The following scenarios were tested on Chrome, Firefox, and Edge browsers:

Test Scenario	Description
Scenario 1	Login with valid credentials (standard_user / secret_sauce)
Scenario 2	Login with invalid credentials (wrong_user / wrong_pass)
Scenario 3	Add item to cart (Sauce Labs Backpack)
Scenario 4	Sort products by Name (Z to A)
Scenario 5	Initiate checkout process

1.2 Browser Compatibility Matrix

Feature Tested	Chrome (v121)	Firefox (v115)	Edge (v121)	Status
Valid Login	Works	Works	Works	PASS
Invalid Login	Works	Works	Works	PASS
Add to Cart	Works	Works	Works	PASS
Product Sorting	Works	Works	Works	PASS
Checkout Start	Works	Works	Works	PASS

1.3 Browser-Specific Observations

- **Chrome:** No compatibility issues found
- **Firefox:** No compatibility issues found
- **Edge:** No compatibility issues found

2. Black-Box Testing Summary

2.1 Boundary Value Analysis (BVA) Results

Field	Test Value	Expected Result	Actual Result	Status
Username	1 character [a]	Show error	Login failed: “Epic sadface: Username and password do not match in this service.”	PASS
Username	100 characters [100 char]	Login should fail	Login failed: “Epic sadface: Username and password do not match in this service.”	PASS
Username	101 characters [101 char]	Login should fail	Login failed: “Epic sadface: Username and password do not match in this service.”	PASS
Password	1 character [1]	Show error	Login failed: “Epic sadface: Username and password do not match in this service.”	PASS
Password	50 characters [50 char]	Login should fail	Login failed: “Epic sadface: Username and password do not match in this service.”	PASS

Password	51 characters [51 char]	Login should fail	Login failed: “Epic sadface: Username and password do not match in this service.”	PASS
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For username tests, valid password "secret_sauce" was used. For password tests, valid username "standard_user" was used.

2.2 Equivalence Partitioning (EP) Results

Partition Type	Test Data	Expected Result	Actual Result	Status
Valid	standard_user / secret_sauce	Login successful	Login successful, redirect to product page.	PASS
Valid	problem_user / secret_sauce	Login successful	Login successful, redirect to product page.	PASS
Invalid	"" / secret_sauce	Login error	Epic sadface: Username is required.	PASS
Invalid	standard_user / ""	Login error	Epic sadface: Password is required.	PASS
Invalid	wrong / wrong	Login error	Epic sadface: Username and password do not match.	PASS

3. Week 1 Defect Retesting Results

Bug ID	Description	Week 1 Status	Current Status	Retest Result
BUG-001	Mobile error message overlap	Open	Still present – Error message still overlaps on mobile view	Fail
BUG-002	Missing "Forgot Password" option	Open	Still present – No password recovery option	Fail

BUG-003	No password visibility toggle	Open	Still present – No password hides toggle icon.	Fail
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Retesting Summary: All defects identified in week1 remain unresolved and require developer attention

4. Dashboard Feature Validation

Feature	Test Performed	Result	Status
Product Sorting	Sort products Z-A (Name descending)	Product sorted correctly.	Pass
Add to Cart	Add “Sauce Labs Backpack” to cart	Cart counter updated to “1”	Pass
Checkout	Complete checkout with test data	Order completed successfully	Pass

5. Conclusion

- Core functionalities work consistently across Chrome, Firefox, and Edge browsers
- Black-box testing techniques (BVA and EP) were successfully applied
- Week 1 defects were retested and documented
- No critical compatibility issues were identified

Report Generated By: Esha Tabbassum

Testing Period: February 2026

Application: SauceDemo (<https://www.saucedemo.com/>)