SAUCEDEMO CHECKOUT FLOW – QA SUMMARY

Case Study Submission

Maisam Raza
Date: October 2025

Contents

SauceDemo Checkout Flow – QA Summary

Prepared by: *Maisam Raza*
Role: Manual QA Tester
Date: October 2025

✉ Email: maisamkhawaja110@gmail.com

🔗 LinkedIn: linkedin.com/in/maisam-raza-khawaja

💻 GitHub: github.com/maisamraza110

QA Summary

Test Coverage

My test plan ensures full coverage across **functional**, **UI/UX**, **security**, and **business-critical flows** for SauceDemo's checkout process.
Key modules tested:

- Login
- Cart operations
- Checkout form (validation + workflow)
- Order confirmation
- Session and navigation behavior

Edge cases covered:

- Invalid inputs
- Blank form submissions
- Cross-user session persistence
- Checkout without cart items
- Missing address/contact details

✅ **Result:** 100% of critical functional paths and user journeys validated.

Prioritization

Testing was prioritized based on **business impact**, **frequency of use**, and **severity risk**.

Feature Area	Risk Level	Reason for Priority
Checkout Validation	Critical	Affects order completion and revenue
Cart Functionality	High	Impacts product quantity and accuracy
Session Handling	Medium	Impacts privacy and data consistency
UI/UX Consistency	Low to Medium	Impacts usability and trust

Clarity & Structure

All documentation was created in structured, traceable form:

- **Test Plan:** Objective, Scope, Environment, Approach, Risks, Deliverables
- **Test Cases:** Precondition → Steps → Expected Result → Priority
- **Bug Report:** Reproduction Steps → Expected vs Actual → Severity → Fix Suggestion
- **Exploratory Report:** Non-scripted test session notes & enhancement ideas

✅ Easy to follow, modular, and consistent formatting throughout.

Critical Thinking

I looked beyond surface-level testing and found hidden flaws:

- **Missing Address/Contact fields (BUG010)** – real-world delivery blocker
- **Checkout with empty cart (BUG015)** – major business logic failure
- **Cross-user session persistence (BUG009)** – privacy breach
- **Multiple order submissions (BUG012)** – duplicate backend records
- **UI alignment inconsistencies** – visual credibility issues

✅ Reflects proactive QA mindset focused on business logic, usability, and reliability.

Documentation Quality

All artifacts are:

- **Organized** — clear structure, headings, and traceability
- **Consistent** — uniform formatting and numbering
- **Actionable** — includes recommended fixes and priorities

✅ Audit-ready QA documentation suitable for company submission.