Test Plan v1

Project Name: E-Commerce Web Application Testing – Sauce Demo (Training Project)
Objective: Validate key e-commerce user flows (login, product selection, cart, checkout, logout) to ensure the application works as expected and defects are identified and documented.

Scope

In Scope

- Login / Logout

- Product listing

- Add to cart / remove from cart

- Cart view validation

- Checkout (customer info → overview → completion)

- Error handling (invalid login, missing checkout fields)

Out of Scope

- Performance testing

- Security testing

- Mobile testing

Test Approach

- **Smoke Testing:** Quick validation of critical flows after setup.

- **Functional Testing:** Detailed validation of requirements per feature.

- **Regression Testing:** Re-run core suite after fixes/changes (simulated in training).

Test Environment

- Device: Windows PC

- Browser: **Google Chrome** (latest)

- Test URL: Sauce Demo site (public demo)

- Test Data: Standard demo credentials (as provided by site)

Entry Criteria

- Site is accessible

- Test environment ready (Chrome installed)

- Test cases prepared

Exit Criteria

- Smoke suite executed

- Critical defects logged

- Test summary report completed

Deliverables

- Test Plan

- Smoke + Functional test cases (30+)

- Bug reports (JIRA format)

- Test execution evidence (screenshots)

- Test summary report