**Test Plan – SauceDemo Website Testing**

**Test Plan ID:** TP-Sauce-PROD-001

**Prepared By:** Huthaifa Yasser  
**Test Period:** 11 May 2025 – 18 May 2025

**1. Project Information:**

* Project Name: SauceDemo
* Website: <https://www.saucedemo.com/>
* Tester: Huthaifa Yasser

**2. Objectives:**

* Manually verify the core functionalities of the SauceDemo website.
* Ensure that all key operations such as login, adding products to cart, and checkout work without issues.
* Select and automate some of the critical scenarios using Selenium with Java.

**3. Scope:**

* In Scope:
  + Login functionality
  + Product listing
  + Product details
  + Add to cart
  + Checkout process
  + Logout
* Out of Scope:
  + Performance Testing
  + Security Testing
  + Admin/backend testing
  + Payment gateway integration

**4. Test Strategy:**

* Types of Testing:
  + Manual Functional Testing
  + Automation Testing (Selenium + Java)
* Technique Used:
  + Exploratory Testing (Only technique used)

**5. Test Environment:**

* Operating System: Windows 11
* Browsers: Google Chrome (latest), Mozilla Firefox (latest), Microsoft Edge
* Devices: Laptop only
* Network: WiFi

**6. Test Deliverables:**

* Test Plan Document
* Test Cases Sheet (Excel)
* Defect Report
* Automation Code (selected cases)

**7. Test Schedule:**

| **Date** | **Task** |
| --- | --- |
| 11 May | Start writing Test Plan |
| 12-13 May | Write Test Cases in Excel |
| 14-15 May | Manual Testing + Defect Logging |
| 16 May | Select cases for Automation |
| 17 May | Implement automation using Selenium + Java |
| 18 May | Final review and submission |

**8. Risks:**

* Limited time for full test coverage
* Possible site instability
* Lack of realistic test data (e.g., payment info)
* Cross-browser compatibility issues

**9. Exit Criteria:**

* All manual test cases executed
* All bugs documented with sufficient details
* All deliverables submitted

**10. Tools:**

* Browsers: Chrome, Firefox, Edge
* Excel
* Selenium WebDriver + Java
* IDE: IntelliJ