Test Plan: SauceDemo Product Page

# 1. Test Plan Identifier

Test Plan ID: TP- SAUC-PROD-001  
Date: 1-May-2025  
Prepared By: [Rawan Ellsayed]

# 2. Introduction

This test plan outlines the strategy, scope, and approach for manually testing the core functionalities of the SauceDemo website (https://www.saucedemo.com/). The goal is to ensure all key features work as expected.

# 3. Objectives and Tasks

Objectives:  
- Verify the correct functionality of login, product listing, and checkout processes.

- Ensure product details and cart operations are accurate.

- Validate logout functionality.

-Identify, document, and track defects using a defect management tool  
Tasks:  
- Prepare test cases.  
- Execute tests (manual and/or automated).  
- Log and track defects.  
- Generate test summary report.

# 4. Scope

In Scope

* Login functionality

• Product listing

• Product details

• Add to cart

• Checkout process

• Logout  
   
  
Out of Scope:  
- Payment gateway integration

- Backend database testing

- Mobile app version (if exists)

# 5. Test Strategy

Types of Testing:  
- Functional Testing (to verify core features)

- UI Testing (to check layout and elements)

- Negative Testing (to test invalid inputs)

Test Design Techniques:  
- Boundary Value Analysis (for quantity input in cart)

- Equivalence Partitioning (for login credentials)

- Exploratory Testing (for usability)6. Test Environment

Devices:  
- Desktop (Windows, macOS)  
   
  
Browsers:  
- Chrome  
- Firefox  
- Safari  
- Edge  
  
Network Conditions:  
- 4G  
- WiFi

# 7. Test Deliverables

Test Cases Document  
Bug/Defect Report  
Test Summary Report

# 8. Test Schedule

|  |  |  |
| --- | --- | --- |
| Task | Start Date | End Date |
| Test Case Preparation | 2-may-2025 | 4-may-2025 |
| Test Execution | 5-may-2025 | 7-may-2025 |
| Defect Logging | 5-may-2025 | 7-may-2025 |
| Regression Testing | 8-may-2025 | 8-may-2025 |
| Test Summary Report | 9-may-2025 | 9-may-2025 |

# 9. Risks and Mitigation

|  |  |
| --- | --- |
| Risk | Mitigation Strategy |
| Invalid login credentials not available | Use standard credentials provided (standard\_user/secret\_sauce) |
| Browser compatibility issues | Test on all major browsers |
| Tight timelines | Prioritize critical test cases |

# 10. Approval

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| --- | --- | --- | --- |
| Name | Role | Signature | Date |
| [Rawan Ellsayed] | QA Engineer |  | 9-may-2025 |
| [Manager Name] | QA Lead |  |  |