# Test Cases: Sauce Labs Demo E-commerce Website

**Project:** saucedemo-automation-framework

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**Version:** 1.0

This document provides a detailed list of test cases for the "Swag Labs" application.

### Module: 1.0 - User Authentication

| **Test Case ID** | **Test Case Description** | **Test Steps** | **Expected Result** | **Status** |
| --- | --- | --- | --- | --- |
| **TC-LOGIN-001** | Verify successful login with valid credentials. | 1. Navigate to the login page.<br>2. Enter a valid username ("standard\_user").<br>3. Enter a valid password ("secret\_sauce").<br>4. Click the "Login" button. | The user should be redirected to the Product Inventory page. | Automated |
| **TC-LOGIN-002** | Verify unsuccessful login with an invalid password. | 1. Navigate to the login page.<br>2. Enter a valid username ("standard\_user").<br>3. Enter an invalid password ("wrong\_password").<br>4. Click the "Login" button. | An error message "Epic sadface: Username and password do not match any user in this service" should be displayed. | Automated |
| **TC-LOGIN-003** | Verify unsuccessful login with a locked-out user. | 1. Navigate to the login page.<br>2. Enter the username for a locked-out user ("locked\_out\_user").<br>3. Enter a valid password ("secret\_sauce").<br>4. Click the "Login" button. | An error message "Epic sadface: Sorry, this user has been locked out." should be displayed. | Not Automated |

### Module: 2.0 - Shopping Cart Management

| **Test Case ID** | **Test Case Description** | **Test Steps** | **Expected Result** | **Status** |
| --- | --- | --- | --- | --- |
| **TC-CART-001** | Verify that a user can add an item to the shopping cart. | 1. Log in successfully with a valid user.<br>2. On the inventory page, find the "Sauce Labs Backpack".<br>3. Click the "Add to cart" button for that item.<br>4. Click the shopping cart icon in the top-right corner. | The user is taken to the cart page, and the "Sauce Labs Backpack" is listed as an item in the cart. | Automated |
| **TC-CART-002** | Verify that the cart icon badge updates when an item is added. | 1. Log in successfully with a valid user.<br>2. On the inventory page, observe the shopping cart icon (it should be empty).<br>3. Click the "Add to cart" button for any item. | The shopping cart icon should display a badge with the number "1". | Automated |