

QA Test Case Portfolio

Candidate: Jailynn Garrett

Role Targeted: Junior QA/Manual Tester

Tools Used: Jira, Browser Testing (Google Chrome)

Application Under Test: Sauce Demo- <https://www.saucedemo.com/>

Overview-

This document contains manual test cases written to validate core functionality for the Sauce Demo Application.

Scope-

- User is testing the application with a modern desktop browser
- Test environment is a public demo site
- Valid demo credentials are available
- Testing focuses on Login Functionality, Products Page functionality, Cart functionality, and checkout functionality

LOGIN TESTS:

TC_LOGIN_001

Title: Verify user can Login with valid credentials

Preconditions: User is on the Sauce Demo Login Page

Test Steps:

1. Enter a valid username
2. Enter a valid password
3. Click the Login button

Expected Result: User is successfully logged in and is redirected to the products page

TC_LOGIN_002

Title: Verify Login fails with invalid username

Preconditions: User is on the Sauce Demo Login Page

Test Steps:

1. Enter an invalid username
2. Enter a valid password
3. Click the Login button

Expected Result: User should get error message on screen indicating invalid credentials

TC_LOGIN_003

Title: Verify Login fails with invalid password

Preconditions: User is on the Sauce Demo Login Page

Test Steps:

1. Enter a valid username
2. Enter an invalid password
3. Click the Login button

Expected Result: User should get error message on screen indicating invalid credentials

TC_LOGIN_004

Title: Verify Login fails when username field is empty

Preconditions: User is on the Sauce Demo Login Page

Test Steps:

1. Leave username text field empty
2. Enter a valid password
3. Click the Login button

Expected Result: User should get error message on screen indicating invalid credentials

TC_LOGIN_005

Title: Verify Login fails when password field is empty

Preconditions: User is on the Sauce Demo Login Page

Test Steps:

1. Enter valid username
2. Leave password text field empty
3. Click the Login button

Expected Result: User should get error message on screen indicating invalid credentials

PRODUCT/CART TESTS

TC_PRODUCTS_001

Title: Verify products are added to cart when selected

Preconditions: Successfully login to Sauce Demo and be redirected to products page
<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Add an item to cart
2. Verify item appears in cart
3. Verify price displayed on product is the same as price in cart

Expected Result: Products added to cart from product page should appear in the shopping cart

TC_PRODUCTS_002

Title: Verify cart displays fixed quantities for items added

Preconditions: Successfully login to Sauce Demo and be redirected to products page
<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Click “add to cart” on one or more product items
2. Click the Cart icon to be redirected to cart page
3. Observe quantity display of cart items
4. Attempt to modify quantity of item

Expected Result: Products in cart should all display a quantity of “1”. Quantity cannot be modified.

TC_PRODUCTS_003

Title: Verify products in cart remain in cart when website is refreshed

Preconditions: Successfully login to Sauce Demo and be redirected to products page
<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Click “add to cart” on one or more product items
2. Refresh webpage

Expected Result: Products added to cart should still be in cart after website is refreshed

TC_PRODUCTS_004

Title: Verify products in product page can be clicked for additional photos and details

Preconditions: Successfully login to Sauce Demo and be redirected to products page

<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Select product from product page
2. Verify redirection to specific product page
3. Verify the product details are accurate to the product you selected

Expected Result: User is redirected to new page giving product images and details

TC_PRODUCTS_005

Title: Verify products can be removed from cart

Preconditions: Successfully login to Sauce Demo and be redirected to products page

<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Click “add to cart” on one or more product items
2. Click the Cart icon to be redirected to cart page
3. Remove products from cart with Remove button

Expected Result: Products that were added to cart are no longer there

TC_PRODUCTS_006

Title: Verify checkout is disabled when cart is empty

Preconditions: Successfully login to Sauce Demo and be redirected to products page

<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Empty cart of all products
2. Select cart button
3. Verify users cannot click the checkout button when the cart is empty

Expected Result: Checkout button should be disabled when the cart is empty

TC_PRODUCTS_007

Title: Verify the product sorting buttons will correctly sort the product items

Preconditions: Successfully login to Sauce Demo and be redirected to products page

<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Use the product sort button to sort products
2. Look at products to confirm products are sorted in the order requested

3. Use all sort options to confirm

Expected Result: Products should be sorted in each option correctly

TC_PRODUCTS_008

Title: Verify all products are visible and available on Product page

Preconditions: Successfully login to Sauce Demo and be redirected to products page
<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Observe all product items listed on the Products page
2. Count the number of products displayed
3. Verify that each expected product is listed and selectable

Expected Result: All products should be visible on Product page and can be Added to the Cart

TC_PRODUCTS_009

Title: Verify product descriptions are accurate

Preconditions: Successfully login to Sauce Demo and be redirected to products page
<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Observe the description for each product listed on the Products page
2. Click on a product to navigate to the product details page
3. Verify that the product description on the details page matches the description on the Products page

Expected Result: Product descriptions are displayed and consistent across the Products page and product details page

TC_PRODUCTS_010

Title: Verify product pricing display is accurate

Preconditions: Successfully login to Sauce Demo and be redirected to products page
<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Observe the price displayed for each product on the Products page
2. Click on a product to navigate to the product details page
3. Verify that the price displayed on the product details page matches the price shown on the Products page

Expected Result: Product pricing is visible and consistent on Products page and product detail page

CHECKOUT TESTS

TC_CHECKOUT_001

Title: Verify user can checkout with valid first name, last name, and zip code

Preconditions: Successfully login to Sauce Demo, add items to cart and proceed to checkout

<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Enter valid first name, last name, and zip code
2. Select “continue”

Expected Result: User should be able to proceed to the checkout overview

TC_CHECKOUT_002

Title: Verify error message when leaving first name text box blank

Preconditions: Successfully login to Sauce Demo, add items to cart and proceed to checkout

<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Leave First name box empty
2. Enter valid last name
3. Enter valid zip code
4. Select continue

Expected Result: Error message is displayed on screen indicating the required field is missing. User cannot proceed until the field is completed.

TC_CHECKOUT_003

Title: Verify error message when leaving last name text box blank

Preconditions: Successfully login to Sauce Demo, add items to cart and proceed to checkout

<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Enter valid first name
2. Leave last name text box empty
3. Enter valid zip code
4. Select continue

Expected Result: Error message is displayed on screen indicating the required field is missing. User cannot proceed until the field is completed.

TC_CHECKOUT_004

Title: Verify error message when leaving zipcode text box blank

Preconditions: Successfully login to Sauce Demo, add items to cart and proceed to checkout

<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Enter valid first name
2. Enter valid last name
3. Leave zipcode text box blank
4. Select continue

Expected Result: Error message is displayed on screen indicating the required field is missing. User cannot proceed until the field is completed.

TC_CHECKOUT_005

Title: Verify price total is accurate

Preconditions: Successfully login to Sauce Demo, add items to cart and proceed to checkout. Enter valid information for first and last name, and zipcode. Select continue button

<https://www.saucedemo.com/inventory.html>

Test Steps:

1. Add total price of items in cart
2. Verify that total price matches

Expected Result: Total price should be accurate