

Test Scenarios

SauceDemo E-Commerce Application

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1. Authentication (Login)

Scenario ID	Scenario Description	Priority
TS_AUTH_01	Verify successful login with valid credentials (Standard User).	Critical
TS_AUTH_02	Verify login prevention for a "Locked Out" user account.	High
TS_AUTH_03	Verify application behavior/lag when logging in as a "Performance Glitch" user.	Medium
TS_AUTH_04	Verify login functionality with the "Problem User" (checking for immediate UI breaks).	High
TS_AUTH_05	Verify error handling for invalid usernames (unregistered accounts).	High
TS_AUTH_06	Verify error handling for valid usernames with invalid passwords.	High
TS_AUTH_07	Verify validation messages when leaving Username or Password fields empty.	Medium
TS_AUTH_08	Verify that the password field masks characters (shows dots/asterisks).	Low
TS_AUTH_09	Verify successful logout functionality from the burger menu.	High
TS_AUTH_10	Verify that users cannot navigate back to the system via browser "Back" button after logging out.	Medium

2. Module: Inventory (Product Listing)

Scenario ID	Scenario Description	Priority
TS_INV_01	Verify that all 6 inventory items are displayed with correct Images, Titles, and Prices.	Critical
TS_INV_02	Verify product sorting functionality: Name (A to Z) .	Medium
TS_INV_03	Verify product sorting functionality: Name (Z to A) .	Medium
TS_INV_04	Verify product sorting functionality: Price (Low to High) .	Medium
TS_INV_05	Verify product sorting functionality: Price (High to Low) .	Medium
TS_INV_06	Verify the "Add to cart" button changes to "Remove" immediately upon clicking.	High
TS_INV_07	Verify the Cart Badge counter increments correctly when items are added.	High
TS_INV_08	Verify the Cart Badge counter decrements/disappears when items are removed.	High
TS_INV_09	Verify that clicking a product title or image redirects to the correct Product Detail Page.	High
TS_INV_10	Verify proper handling of broken images (specifically for problem_user).	Low

3. Module: Product Detail Page (PDP)

Scenario ID	Scenario Description	Priority
TS_PDP_01	Verify that product details (Name, Price, Desc) on PDP match the Inventory list.	High
TS_PDP_02	Verify "Add to Cart" functionality directly from the Product Detail Page.	High
TS_PDP_03	Verify "Remove" functionality directly from the Product Detail Page.	High
TS_PDP_04	Verify the "Back to products" button returns user to Inventory page.	Medium
TS_PDP_05	Verify that the "Back" button preserves the previous Sort selection on Inventory page.	Low

4. Module: Cart Management

Scenario ID	Scenario Description	Priority
TS_CART_01	Verify that all added items are listed correctly in the Cart page.	Critical
TS_CART_02	Verify the ability to remove items directly from the Cart page list.	High
TS_CART_03	Verify the "Continue Shopping" button redirects back to Inventory.	Medium
TS_CART_04	Verify the "Checkout" button redirects to the Information Input page.	Critical
TS_CART_05	Verify cart persistence (items remain in cart) after closing and reopening the browser.	Medium

5. Module: Checkout Flow

Scenario ID	Scenario Description	Priority
TS_CHK_01	Verify form validation when "First Name", "Last Name", or "Zip" are empty.	High
TS_CHK_02	Verify successful navigation to "Overview" page upon valid data entry.	Critical
TS_CHK_03	Verify the "Cancel" button redirects the user back to the Cart.	Low
TS_CHK_04	Verify the "Item Total" matches the sum of individual product prices in the cart.	Critical
TS_CHK_05	Verify the "Tax" calculation (assert it is calculated at 8% rate).	High
TS_CHK_06	Verify the "Total" amount matches (Item Total + Tax).	Critical
TS_CHK_07	Verify the "Finish" button completes the order and redirects to Confirmation page.	Critical

6. Order Completion & System

Scenario ID	Scenario Description	Priority
TS_SYS_01	Verify the Order Confirmation message ("Thank you for your order") is displayed.	High
TS_SYS_02	Verify the "Back Home" button resets the flow and returns to Inventory.	Medium
TS_SYS_03	Verify the Cart is empty (reset) after a successful order completion.	High
TS_SYS_04	Verify the "Reset App State" option in the side menu clears all cart and session data.	Low
TS_SYS_05	Verify Footer Links (Twitter, Facebook, LinkedIn) open in new tabs.	Low
TS_SYS_06	Verify that non-logged-in users cannot access internal pages (e.g., /cart.html) via direct URL.	Critical