Swag Labs Test Summary Report

User Story	No. of Test Cases	Passed	Failed	No. of Bugs
Login	57	55	1	3
Home	52	51	1	35
Product Detail Page	15	15	0	43
Cart Page	17	16	1	13
Checkout	40	32	8	12
Sidebar	6	5	1	1
About	15	15	0	2
System	11	10	1	1
End to End	12	12	0	0

Metrics	Value
Total Test Cases	225
Total Passed	211
Total Failed	13
Total Bugs	110
Pass Rate	93.78%
Fail Rate	5.78%

Note: Test case creation was performed only for the standard user, while execution was performed for all users. Therefore, the bug count exceeds the number of failed test cases.

Login Page Test Cases (All Users)

ID	Title	Steps	Test Data	Expected Result	Status
TC01	Login Success with Valid Standard User Credentials	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: standard_user Password: secret_sauce	User logs in successfully	Pass
TC02	Login Failure with Locked-Out User Account	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: locked_out_user Password: secret_sauce	Login fails with error message	Pass
TC03	Login Success with Valid Problem User Credentials	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: problem_user Password: secret_sauce	User logs in successfully	Pass
TC04	Login Success with Performance Glitch User Delay	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: performance_glitch_user Password: secret_sauce	Login succeeds with noticeable delay	Pass
TC05	Login Success with Valid Error User Credentials	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: error_user Password: secret_sauce	User logs in successfully	Pass
TC06	Login Success with Valid Visual User Credentials	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: visual_user Password: secret_sauce	User logs in successfully	Pass
TC07	Login Failure with Password in Wrong Case (Capitalized)	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input incorrect password 4. Click Login button	Username: standard_user Password: Secret_sauce	Login fails with error message	Pass
TC08	Login Failure with Password Missing Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input incorrect password 4. Click Login button	Username: standard_user Password: secretsauce	Login fails with error message	Pass
TC09	Login Failure with Password Having Double Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input incorrect password 4. Click Login button	Username: standard_user Password: secret__sauce	Login fails with error message	Pass
TC10	Login Failure with Password Using Dash Instead of Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input incorrect password 4. Click Login button	Username: standard_user Password: secret-sauce	Login fails with error message	Pass
TC11	Login Failure with Password in All Capital Letters	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input incorrect password 4. Click Login button	Username: standard_user Password: SECRET_SAUCE	Login fails with error message	Pass
TC12	Login Failure with Password Containing Special Character	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input incorrect password 4. Click Login button	Username: standard_user Password: secret_sauce!	Login fails with error message	Pass
TC13	Login Failure with Spaces-Only Username	1. Navigate to https://www.saucedemo.com/ 2. Input spaces in username 3. Input password 4. Click Login button	Username: " " Password: secret_sauce	Login fails with error message	Pass
TC14	Login Failure with Spaces-Only Username and Password	1. Navigate to https://www.saucedemo.com/ 2. Input spaces in username 3. Input spaces in password 4. Click Login button	Username: " " Password: " "	Login fails with error message	Pass
TC15	Login Failure with Username Missing Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: standarduser Password: secret_sauce	Login fails with error message	Pass
TC16	Login Failure with Locked-Out Username Missing Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: lockedoutuser Password: secret_sauce	Login fails with error message	Pass
TC17	Login Failure with Problem Username Missing Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: problemuser Password: secret_sauce	Login fails with error message	Pass
TC18	Login Failure with Performance Username Missing Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: performanceglitchuser Password: secret_sauce	Login fails with error message	Pass
TC19	Login Failure with Error Username Missing Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: erroruser Password: secret_sauce	Login fails with error message	Pass
TC20	Login Failure with Visual Username Missing Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button	Username: visualuser Password: secret_sauce	Login fails with error message	Pass
TC21	Login Failure with Username Containing Special Character	1. Navigate to https://www.saucedemo.com/ 2. Input username with special character 3. Input password 4. Click Login button	Username: standard_user! Password: secret_sauce	Login fails with error message	Pass
TC22	Login Failure with Special Characters in Username and Password	1. Navigate to https://www.saucedemo.com/ 2. Input username with special character 3. Input password with special character 4. Click Login button	Username: standard_user! Password: secret_sauce@	Login fails with error message	Pass

TC	Title	Steps	Data	Expected	Result
TC23	Login Failure with Numeric-Only Username	1. Navigate to https://www.saucedemo.com/ 2. Input numeric username 3. Input password 4. Click Login button	Username: 1111111111 Password: secret_sauce	Login fails with error message	Pass
TC24	Login Failure with Numeric-Only Username and Password	1. Navigate to https://www.saucedemo.com/ 2. Input numeric username 3. Input numeric password 4. Click Login button	Username: 1111111111 Password: 1111111111	Login fails with error message	Pass
TC25	Login Failure with Standard Username Using Hyphen	1. Navigate to https://www.saucedemo.com/ 2. Input username with hyphen 3. Input password 4. Click Login button	Username: standard-user Password: secret_sauce	Login fails with error message	Pass
TC26	Login Failure with Locked-Out Username Using Hyphens	1. Navigate to https://www.saucedemo.com/ 2. Input username with hyphens 3. Input password 4. Click Login button	Username: locked-out-user Password: secret_sauce	Login fails with error message	Pass
TC27	Login Failure with Problem Username Using Hyphen	1. Navigate to https://www.saucedemo.com/ 2. Input username with hyphen 3. Input password 4. Click Login button	Username: problem-user Password: secret_sauce	Login fails with error message	Pass
TC28	Login Failure with Performance Username Using Hyphens	1. Navigate to https://www.saucedemo.com/ 2. Input username with hyphens 3. Input password 4. Click Login button	Username: performance-glitch-user Password: secret_sauce	Login fails with error message	Pass
TC29	Login Failure with Error Username Using Hyphen	1. Navigate to https://www.saucedemo.com/ 2. Input username with hyphen 3. Input password 4. Click Login button	Username: error-user Password: secret_sauce	Login fails with error message	Pass
TC30	Login Failure with Visual Username Using Hyphen	1. Navigate to https://www.saucedemo.com/ 2. Input username with hyphen 3. Input password 4. Click Login button	Username: visual-user Password: secret_sauce	Login fails with error message	Pass
TC31	Login Failure with Standard Username Having Double Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username with double underscore 3. Input password 4. Click Login button	Username: standard__user Password: secret_sauce	Login fails with error message	Pass
TC32	Login Failure with Locked-Out Username Having Double Underscores	1. Navigate to https://www.saucedemo.com/ 2. Input username with double underscores 3. Input password 4. Click Login button	Username: locked__out__user Password: secret_sauce	Login fails with error message	Pass
TC33	Login Failure with Problem Username Having Double Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username with double underscore 3. Input password 4. Click Login button	Username: problem__user Password: secret_sauce	Login fails with error message	Pass
TC34	Login Failure with Performance Username Having Double Underscores	1. Navigate to https://www.saucedemo.com/ 2. Input username with double underscores 3. Input password 4. Click Login button	Username: performance__glitch__user Password: secret_sauce	Login fails with error message	Pass
TC35	Login Failure with Error Username Having Double Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username with double underscore 3. Input password 4. Click Login button	Username: error__user Password: secret_sauce	Login fails with error message	Pass
TC36	Login Failure with Visual Username Having Double Underscore	1. Navigate to https://www.saucedemo.com/ 2. Input username with double underscore 3. Input password 4. Click Login button	Username: visual__user Password: secret_sauce	Login fails with error message	Pass
TC37	Login Failure with Standard User Using Arabic Keyboard	1. Navigate to https://www.saucedemo.com/ 2. Switch keyboard to Arabic layout 3. Input username 4. Input password 5. Click Login button	Username: (Arabic layout input) Password: (Arabic layout input)	Login fails with error message	Pass
TC38	Login Failure with Locked-Out User Using Arabic Keyboard	1. Navigate to https://www.saucedemo.com/ 2. Switch keyboard to Arabic layout 3. Input username 4. Input password 5. Click Login button	Username: (Arabic layout input) Password: (Arabic layout input)	Login fails with error message	Pass
TC39	Login Failure with Problem User Using Arabic Keyboard	1. Navigate to https://www.saucedemo.com/ 2. Switch keyboard to Arabic layout 3. Input username 4. Input password 5. Click Login button	Username: (Arabic layout input) Password: (Arabic layout input)	Login fails with error message	Pass
TC40	Login Failure with Performance User Using Arabic Keyboard	1. Navigate to https://www.saucedemo.com/ 2. Switch keyboard to Arabic layout 3. Input username 4. Input password 5. Click Login button	Username: (Arabic layout input) Password: (Arabic layout input)	Login fails with error message	Pass
TC41	Login Failure with Error User Using Arabic Keyboard	1. Navigate to https://www.saucedemo.com/ 2. Switch keyboard to Arabic layout 3. Input username 4. Input password 5. Click Login button	Username: (Arabic layout input) Password: (Arabic layout input)	Login fails with error message	Pass
TC42	Login Failure with Visual User Using Arabic Keyboard	1. Navigate to https://www.saucedemo.com/ 2. Switch keyboard to Arabic layout 3. Input username 4. Input password 5. Click Login button	Username: (Arabic layout input) Password: (Arabic layout input)	Login fails with error message	Pass
TC43	Verify Username and Password Fields Display Placeholder Text	1. Navigate to https://www.saucedemo.com/ 2. Observe Username field placeholder 3. Observe Password field placeholder	None	Username and Password fields have placeholder text	Pass
TC44	Verify Placeholder Text Reappears After Clearing Fields	1. Navigate to https://www.saucedemo.com/ 2. Input value in Username field 3. Clear Username field 4. Verify Username placeholder 5. Input value in Password field 6. Clear Password field 7. Verify Password placeholder	Username: test_user Password: test_pass	Placeholder text reappears in both fields	Pass

TC45	Login Failure with Empty Username and Password Fields	1. Navigate to https://www.saucedemo.com/ 2. Leave Username field empty 3. Leave Password field empty 4. Click Login button	Username: (empty) Password: (empty)	Login fails with error message	Pass
TC46	Login Failure with Valid Username and Empty Password	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Leave Password field empty 4. Click Login button	Username: standard_user Password: (empty)	Login fails with error message	Pass
TC47	Login Failure with Empty Username and Valid Password	1. Navigate to https://www.saucedemo.com/ 2. Leave Username field empty 3. Input password 4. Click Login button	Username: (empty) Password: secret_sauce	Login fails with error message	Pass
TC48	Login Failure with Standard Username in All Caps	1. Navigate to https://www.saucedemo.com/ 2. Input username in all caps 3. Input password 4. Click Login button	Username: STANDARD_USER Password: secret_sauce	Login fails with error message	Pass
TC49	Login Failure with Locked-Out Username in All Caps	1. Navigate to https://www.saucedemo.com/ 2. Input username in all caps 3. Input password 4. Click Login button	Username: LOCKED_OUT_USER Password: secret_sauce	Login fails with error message	Pass
TC50	Login Failure with Problem Username in All Caps	1. Navigate to https://www.saucedemo.com/ 2. Input username in all caps 3. Input password 4. Click Login button	Username: PROBLEM_USER Password: secret_sauce	Login fails with error message	Pass
TC51	Login Failure with Performance Username in All Caps	1. Navigate to https://www.saucedemo.com/ 2. Input username in all caps 3. Input password 4. Click Login button	Username: PERFORMANCE_GLITCH_USER Password: secret_sauce	Login fails with error message	Pass
TC52	Login Failure with Error Username in All Caps	1. Navigate to https://www.saucedemo.com/ 2. Input username in all caps 3. Input password 4. Click Login button	Username: ERROR_USER Password: secret_sauce	Login fails with error message	Pass
TC53	Login Failure with Visual Username in All Caps	1. Navigate to https://www.saucedemo.com/ 2. Input username in all caps 3. Input password 4. Click Login button	Username: VISUAL_USER Password: secret_sauce	Login fails with error message	Pass
TC54	Verify Password Field Masks Input Text	1. Navigate to https://www.saucedemo.com/ 2. Input password 3. Observe password field input	Password: secret_sauce	Password text is hidden (e.g., as bullets)	Pass
TC55	Verify No Auto-Login After Logout and Browser Back	1. Navigate to https://www.saucedemo.com/ 2. Log in with valid credentials 3. Click Logout button 4. Click browser back button 5. Observe behavior	Username: standard_user Password: secret_sauce	User is redirected to login page; no auto-login	Pass
TC56	Verify Consistent Login Page UI in Edge and Chrome	1. Navigate to https://www.saucedemo.com/ in Edge 2. Verify layout and elements 3. Navigate to https://www.saucedemo.com/ in Chrome 4. Verify layout and elements	None	Login page appears identical in Edge and Chrome	Pass
TC57	Verify Forget Password Link Visibility	1. Navigate to https://www.saucedemo.com/ 2. Check for Forget Password link	None	Forget Password link is visible	Fail

Home Page Test Cases

ID	Title	Steps	Test Data	Expected Result	Status
TC01	Verify Home Page UI Elements Display Correctly for Standard User	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Check all UI elements (navbar, products, cart, footer) are displayed correctly	Username: standard_user Password: secret_sauce	Homepage loads with all UI elements displayed correctly	Pass
TC02	Verify Smooth Scrolling on Home Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Scroll through the page	Username: standard_user Password: secret_sauce	User can scroll smoothly	Pass
TC03	Verify Home Page Displays Correctly in Edge and Chrome	1. Open Microsoft Edge 2. Navigate to https://www.saucedemo.com/ 3. Input username 4. Input password 5. Click Login button 6. Verify redirect to Home page 7. Repeat steps 1-6 in Google Chrome	Username: standard_user Password: secret_sauce	Homepage displays correctly on both Edge and Chrome	Pass
TC04	Verify Sidebar Opens Correctly	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Sidebar menu icon 7. Check Sidebar menu opens with all options visible	Username: standard_user Password: secret_sauce	Sidebar opens smoothly with all options visible	Pass
TC05	Verify Sidebar Toggle Button Changes to X When Opened	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Sidebar toggle button 7. Verify Sidebar opens 8. Check toggle button changes to X 9. Click X to close Sidebar	Username: standard_user Password: secret_sauce	Sidebar toggle changes to "X" when opened	Pass
TC06	Verify Sidebar Closes When Clicking X Icon	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Sidebar toggle button 7. Verify Sidebar opens 8. Click X icon 9. Verify Sidebar closes	Username: standard_user Password: secret_sauce	Sidebar closes immediately after clicking "X"	Pass
TC07	Verify Cart Page Opens via Cart Icon	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page	Username: standard_user Password: secret_sauce	Cart page opens correctly, showing added items or empty	Pass
TC08	Verify Shopping Cart Icon Position and Alignment	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Verify Cart icon is in top-right corner 7. Check icon alignment and no distortion	Username: standard_user Password: secret_sauce	Cart icon is correctly positioned and aligned	Pass
TC09	Verify Navigation to Cart Page via Cart Icon	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page	Username: standard_user Password: secret_sauce	User navigates to the cart page after clicking the cart icon	Pass
TC10	Verify Filter Dropdown Opens with Sorting Options	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Filter dropdown 7. Verify dropdown opens with sorting options	Username: standard_user Password: secret_sauce	Filtering dropdown opens and displays sorting options	Pass
TC11	Verify Product Sorting by Name (A to Z)	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Select "Name (A to Z)" from Filter dropdown 7. Verify products sorted alphabetically (A to Z)	Username: standard_user Password: secret_sauce	Products sorted alphabetically from A to Z	Pass
TC12	Verify Product Sorting by Name (Z to A)	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Select "Name (Z to A)" from Filter dropdown 7. Verify products sorted alphabetically (Z to A)	Username: standard_user Password: secret_sauce	Products sorted alphabetically from Z to A	Pass
TC13	Verify Product Sorting by Price (High to Low)	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Select "Price (High to Low)" from Filter dropdown 7. Verify products sorted by price (high to low)	Username: standard_user Password: secret_sauce	Products sorted by price from high to low	Pass

TC14	Verify Product Sorting by Price (Low to High)	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Select "Price (Low to High)" from Filter dropdown 7. Verify products sorted by price (low to high)	Username: standard_user Password: secret_sauce	Products sorted by price from low to high	Pass
TC15	Verify Add to Cart Functionality for Product 1	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 1 7. Click Add to Cart button	Username: standard_user Password: secret_sauce Product: Product 1	Add to Cart button is clickable and adds the product	Pass
TC16	Verify Add to Cart Functionality for Product 2	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 2 7. Click Add to Cart button	Username: standard_user Password: secret_sauce Product: Product 2	Add to Cart button is clickable and adds the product	Pass
TC17	Verify Add to Cart Functionality for Product 3	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 3 7. Click Add to Cart button	Username: standard_user Password: secret_sauce Product: Product 3	Add to Cart button is clickable and adds the product	Pass
TC18	Verify Add to Cart Functionality for Product 4	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 4 7. Click Add to Cart button	Username: standard_user Password: secret_sauce Product: Product 4	Add to Cart button is clickable and adds the product	Pass
TC19	Verify Add to Cart Functionality for Product 5	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 5 7. Click Add to Cart button	Username: standard_user Password: secret_sauce Product: Product 5	Add to Cart button is clickable and adds the product	Pass
TC20	Verify Add to Cart Functionality for Product 6	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 6 7. Click Add to Cart button	Username: standard_user Password: secret_sauce Product: Product 6	Add to Cart button is clickable and adds the product	Pass
TC21	Verify Remove Functionality for Product 1 from Cart	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 1 7. Click Add to Cart button 8. Click Cart icon 9. Verify Product 1 in Cart 10. Click Remove button	Username: standard_user Password: secret_sauce Product: Product 1	Remove button is clickable and removes the product	Pass
TC22	Verify Remove Functionality for Product 2 from Cart	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 2 7. Click Add to Cart button 8. Click Cart icon 9. Verify Product 2 in Cart 10. Click Remove button	Username: standard_user Password: secret_sauce Product: Product 2	Remove button is clickable and removes the product	Pass
TC23	Verify Remove Functionality for Product 3 from Cart	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 3 7. Click Add to Cart button 8. Click Cart icon 9. Verify Product 3 in Cart 10. Click Remove button	Username: standard_user Password: secret_sauce Product: Product 3	Remove button is clickable and removes the product	Pass
TC24	Verify Remove Functionality for Product 4 from Cart	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 4 7. Click Add to Cart button 8. Click Cart icon 9. Verify Product 4 in Cart 10. Click Remove button	Username: standard_user Password: secret_sauce Product: Product 4	Remove button is clickable and removes the product	Pass
TC25	Verify Remove Functionality for Product 5 from Cart	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 5 7. Click Add to Cart button 8. Click Cart icon 9. Verify Product 5 in Cart 10. Click Remove button	Username: standard_user Password: secret_sauce Product: Product 5	Remove button is clickable and removes the product	Pass

TC26	Verify Remove Functionality for Product 6 from Cart	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 6 7. Click Add to Cart button 8. Click Cart icon 9. Verify Product 6 in Cart 10. Click Remove button	Username: standard_user Password: secret_sauce Product: Product 6	Remove button is clickable and removes the product	Pass
TC27	Verify Navigation to Product Detail Page for Product 1	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 1 7. Click product name 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 1	User navigates to the Product Detail Page for product (1)	Pass
TC28	Verify Navigation to Product Detail Page for Product 2	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 2 7. Click product name 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 2	User navigates to the Product Detail Page for product (2)	Pass
TC29	Verify Navigation to Product Detail Page for Product 3	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 3 7. Click product name 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 3	User navigates to the Product Detail Page for product (3)	Pass
TC30	Verify Navigation to Product Detail Page for Product 4	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 4 7. Click product name 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 4	User navigates to the Product Detail Page for product (4)	Pass
TC31	Verify Navigation to Product Detail Page for Product 5	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 5 7. Click product name 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 5	User navigates to the Product Detail Page for product (5)	Pass
TC32	Verify Navigation to Product Detail Page for Product 6	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 6 7. Click product name 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 6	User navigates to the Product Detail Page for product (6)	Pass
TC33	Verify Hover Effect on Product Name for Product 1	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 1 7. Hover over product name 8. Verify name changes to green	Username: standard_user Password: secret_sauce Product: Product 1	Product name color changes to green on hover	Pass
TC34	Verify Hover Effect on Product Name for Product 2	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 2 7. Hover over product name 8. Verify name changes to green	Username: standard_user Password: secret_sauce Product: Product 2	Product name color changes to green on hover	Pass
TC35	Verify Hover Effect on Product Name for Product 3	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 3 7. Hover over product name 8. Verify name changes to green	Username: standard_user Password: secret_sauce Product: Product 3	Product name color changes to green on hover	Pass
TC36	Verify Hover Effect on Product Name for Product 4	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 4 7. Hover over product name 8. Verify name changes to green	Username: standard_user Password: secret_sauce Product: Product 4	Product name color changes to green on hover	Pass
TC37	Verify Hover Effect on Product Name for Product 5	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 5 7. Hover over product name 8. Verify name changes to green	Username: standard_user Password: secret_sauce Product: Product 5	Product name color changes to green on hover	Pass

TC38	Verify Hover Effect on Product Name for Product 6	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 6 7. Hover over product name 8. Verify name changes to green	Username: standard_user Password: secret_sauce Product: Product 6	Product name color changes to green on hover	Pass
TC39	Verify Navigation to Product Detail Page via Image for Product 1	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 1 7. Click product image 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 1	User navigates to the product detail page of product [1]	Pass
TC40	Verify Navigation to Product Detail Page via Image for Product 2	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 2 7. Click product image 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 2	User navigates to the product detail page of product [2]	Pass
TC41	Verify Navigation to Product Detail Page via Image for Product 3	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 3 7. Click product image 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 3	User navigates to the product detail page of product [3]	Pass
TC42	Verify Navigation to Product Detail Page via Image for Product 4	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 4 7. Click product image 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 4	User navigates to the product detail page of product [4]	Pass
TC43	Verify Navigation to Product Detail Page via Image for Product 5	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 5 7. Click product image 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 5	User navigates to the product detail page of product [5]	Pass
TC44	Verify Navigation to Product Detail Page via Image for Product 6	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate Product 6 7. Click product image 8. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 6	User navigates to the product detail page of product [6]	Pass
TC45	Verify Add to Cart Button Changes to Remove Button	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate any product 7. Click Add to Cart button 8. Verify button changes to Remove	Username: standard_user Password: secret_sauce Product: Any	Add to Cart button changes to "Remove" after clicking	Pass
TC46	Verify Cart Counter Updates After Adding Product	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate any product 7. Click Add to Cart button 8. Verify Cart icon shows correct item count	Username: standard_user Password: secret_sauce Product: Any	Cart icon displays the correct number of items added	Pass
TC47	Verify Cart Counter Updates After Removing Product	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Locate any product 7. Click Add to Cart button 8. Click Cart icon 9. Click Remove button 10. Verify Cart icon count decreases	Username: standard_user Password: secret_sauce Product: Any	Cart icon number decreases after removing a product	Pass
TC48	Verify Footer Position at Bottom of Home Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Scroll to page bottom 7. Verify Footer is displayed at bottom	Username: standard_user Password: secret_sauce	Footer appears at the bottom of the homepage	Pass
TC49	Verify Twitter Link Redirects to Correct Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Scroll to Footer 7. Click Twitter icon 8. Verify redirect to Twitter page	Username: standard_user Password: secret_sauce	Clicking Twitter icon redirects to the correct Twitter page	Pass

TC50	Verify Facebook Link Redirects to Correct Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Scroll to Footer 7. Click Facebook icon 8. Verify redirect to Facebook page	Username: standard_user Password: secret_sauce	Clicking Facebook icon redirects to the correct Facebook page	Pass
TC51	Verify LinkedIn Link Redirects to Correct Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Scroll to Footer 7. Click LinkedIn icon 8. Verify redirect to LinkedIn page	Username: standard_user Password: secret_sauce	Clicking LinkedIn icon redirects to the correct LinkedIn page	Pass
TC52	Verify Logo Click Redirects to Home Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Logo in navbar 7. Verify redirect to Home page	Username: standard_user Password: secret_sauce	Clicking logo redirects to the homepage	Fail

Product Detail page Test Cases

ID	Title	Steps	Test Data	Expected Result	Status
TC01	Verify Add to Cart Button Clickability on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click Add to Cart button	Username: standard_user Password: secret_sauce Product: Product 1	Add to Cart button is clickable	Pass
TC02	Verify Add to Cart Button Changes to Remove on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click Add to Cart button 8. Verify button changes to Remove	Username: standard_user Password: secret_sauce Product: Product 1	Add to Cart button changes to "Remove"	Pass
TC03	Verify Cart Icon Updates After Adding Product on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click Add to Cart button 8. Verify Cart icon in top right of navbar shows "1"	Username: standard_user Password: secret_sauce Product: Product 1	Cart icon displays the number "1" indicating product added	Pass
TC04	Verify Remove Button Changes Back to Add to Cart on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click Add to Cart button 8. Verify button changes to Remove 9. Click Remove button 10. Verify button changes back to Add to Cart	Username: standard_user Password: secret_sauce Product: Product 1	Button changes back to "Add to Cart"	Pass
TC05	Verify Remove Button Updates Cart Icon Count on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click Add to Cart button 8. Verify Cart icon in top right of navbar shows "1" 9. Click Remove button 10. Verify Cart icon shows no number	Username: standard_user Password: secret_sauce Product: Product 1	Number "1" is removed from Cart icon indicating product removed	Pass
TC06	Verify Back to Products Button is Clickable on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click Back to Products button 8. Verify redirect to Home page	Username: standard_user Password: secret_sauce Product: Product 1	User is redirected back to Home page	Pass
TC07	Verify Product Image Matches Product Name on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Verify product image matches Product 1 name	Username: standard_user Password: secret_sauce Product: Product 1	Product image matches the product name	Pass
TC08	Verify Product Name Matches Home Page on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Note Product 1 name on Home page 7. Click Product 1 name to open Product Detail page 8. Verify product name matches Home page 9. Verify product image matches Home page	Username: standard_user Password: secret_sauce Product: Product 1	Product name and image match those on Home page	Pass
TC09	Verify Product Description Matches Home Page on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Note Product 1 name and image on Home page 7. Click Product 1 name to open Product Detail page 8. Verify product name, image, and description match Home page	Username: standard_user Password: secret_sauce Product: Product 1	Product name, image, and description match those on Home page	Pass
TC10	Verify Navbar is Present on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Verify navbar is present at top with Cart icon and Sidebar menu icon	Username: standard_user Password: secret_sauce Product: Product 1	Navbar is visible with Cart icon and Sidebar menu icon	Pass
TC11	Verify Sidebar Opens Correctly on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click Sidebar menu icon 8. Verify Sidebar opens with menu options	Username: standard_user Password: secret_sauce Product: Product 1	Sidebar opens and displays correct menu options	Pass
TC12	Verify Cart Icon Appears in Top Right of Navbar on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Verify Cart icon is in top right of navbar	Username: standard_user Password: secret_sauce Product: Product 1	Cart icon is visible in top right of navbar	Pass

TC13	Verify LinkedIn Link Works on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click LinkedIn icon in footer 8. Verify redirect to LinkedIn page	Username: standard_user Password: secret_sauce Product: Product 1	LinkedIn page opens in a new tab or window	Pass
TC14	Verify Facebook Link Works on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click Facebook icon in footer 8. Verify redirect to Facebook page	Username: standard_user Password: secret_sauce Product: Product 1	Facebook page opens in a new tab or window	Pass
TC15	Verify Twitter Link Works on Product Detail Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Product 1 name to open Product Detail page 7. Click Twitter icon in footer 8. Verify redirect to Twitter page	Username: standard_user Password: secret_sauce Product: Product 1	Twitter page opens in a new tab or window	Pass
					None

Cart page Test Cases

ID	Title	Steps	Test Data	Expected Result	Status
TC01	Verify Continue Shopping Button Redirects to Home Page on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Click Continue Shopping button 9. Verify redirect to Home page	Username: standard_user Password: secret_sauce	Redirected to Home page	Pass
TC02	Verify Checkout Button Redirects to Checkout Page on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Click Checkout button 9. Verify redirect to Checkout page	Username: standard_user Password: secret_sauce	Redirected to Checkout page	Pass
TC03	Verify All 6 Products Appear in Cart on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1, Product 2, Product 3, Product 4, Product 5, Product 6 to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Verify all 6 products are listed	Username: standard_user Password: secret_sauce Products: Product 1, Product 2, Product 3, Product 4, Product 5, Product 6	All 6 products are listed in the cart	Pass
TC04	Verify All 6 Products Can Be Removed from Cart on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1, Product 2, Product 3, Product 4, Product 5, Product 6 to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Remove button for each of the 6 products 10. Verify cart is empty	Username: standard_user Password: secret_sauce Products: Product 1, Product 2, Product 3, Product 4, Product 5, Product 6	Cart is empty after removing all products	Pass
TC05	Verify Product Name Click Redirects to Product Detail Page on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1 to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Product 1 name 10. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 1	Redirected to Product Detail page	Pass
TC06	Verify Product Name Changes Color to Green on Hover in Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1 to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Hover over Product 1 name 10. Verify name changes to green	Username: standard_user Password: secret_sauce Product: Product 1	Product name turns green on hover	Pass
TC07	Verify Remove Button is Visible on Product Detail Page After Adding to Cart	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1 to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Product 1 name 10. Verify redirect to Product Detail page 11. Verify Remove button is visible	Username: standard_user Password: secret_sauce Product: Product 1	Remove button is visible on Product Detail page	Pass
TC08	Verify Product Name is Displayed Correctly in Cart on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1 to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Verify Product 1 name is displayed correctly	Username: standard_user Password: secret_sauce Product: Product 1	Correct product name is displayed in the cart	Pass
TC09	Verify Product Name, Price, and Description are Displayed Correctly in Cart on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1 to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Verify Product 1 name, price, and description are displayed correctly	Username: standard_user Password: secret_sauce Product: Product 1	Product name, price, and description are displayed correctly	Pass
TC10	Verify Navbar is Present on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1 to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Verify navbar is present with Cart icon and Sidebar menu icon	Username: standard_user Password: secret_sauce Product: Product 1	Navbar is visible with Cart icon and Sidebar menu icon	Pass

TC11	Verify Sidebar is Present and Can Be Opened on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1 to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Verify Sidebar menu icon is present 10. Click Sidebar menu icon 11. Verify Sidebar opens with menu options	Username: standard_user Password: secret_sauce Product: Product 1	Sidebar is visible and opens correctly with menu options	Pass
TC12	Verify Cart Icon is Present and Opens Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add Product 1 to cart 7. Click Cart icon 8. Verify redirect to Cart page	Username: standard_user Password: secret_sauce Product: Product 1	Cart icon is visible and opens the Cart page	Pass
TC13	Verify Website Name Click Redirects to Home Page on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Click Website name in navbar 9. Verify redirect to Home page	Username: standard_user Password: secret_sauce	Redirected to Home page	Fail
TC14	Verify Footer is Present on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Scroll to bottom of page 9. Verify Footer is visible	Username: standard_user Password: secret_sauce	Footer is visible at the bottom of the page	Pass
TC15	Verify Facebook Link is Clickable on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Scroll to bottom of page 9. Click Facebook icon in footer 10. Verify redirect to Facebook page	Username: standard_user Password: secret_sauce	Facebook page opens in a new tab	Pass
TC16	Verify Twitter Link is Clickable on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Scroll to bottom of page 9. Click Twitter icon in footer 10. Verify redirect to Twitter page	Username: standard_user Password: secret_sauce	Twitter page opens in a new tab	Pass
TC17	Verify LinkedIn Link is Clickable on Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Scroll to bottom of page 9. Click LinkedIn icon in footer 10. Verify redirect to LinkedIn page	Username: standard_user Password: secret_sauce	LinkedIn page opens in a new tab	Pass

Checkout page Test Cases

ID	Title	Steps	Test Data	Expected Result	Status
TC01	Verify Continue with First Name and Zip/Postal Code Filled but Last Name Empty Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Leave Last Name field empty 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Zip/Postal Code: 12345	Error message displayed: Last Name is required	Pass
TC02	Verify Continue with Last Name and Zip/Postal Code Filled but First Name Empty Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Leave First Name field empty 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 Last Name: Ali Zip/Postal Code: 12345	Error message displayed: First Name is required	Pass
TC03	Verify Continue with Empty Fields Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Leave all fields empty 12. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1	Error message displayed: All fields are required	Pass
TC04	Verify Cancel Button Returns to Cart Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Click Cancel button 12. Verify redirect to Cart page	Username: standard_user Password: secret_sauce Product: Product 1	Redirected to Cart page	Pass
TC05	Verify Continue with Only First Name Filled Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Leave Last Name and Zip/Postal Code fields empty 13. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed	Error message displayed: All fields are required	Pass
TC06	Verify Continue with Last Name Filled but First Name and Zip/Postal Code Empty Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Leave First Name field empty 12. Input Last Name 13. Leave Zip/Postal Code field empty 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 Last Name: Ali	Error message displayed: All fields are required	Pass
TC07	Verify Correct Placeholders in Fields on Checkout Information Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Click Checkout button 9. Verify redirect to Checkout Information page 10. Verify placeholder text in First Name field 11. Verify placeholder text in Last Name field 12. Verify placeholder text in Zip/Postal Code field	Username: standard_user Password: secret_sauce First Name placeholder: First Name Last Name placeholder: Last Name Zip/Postal Code placeholder: Zip/Postal Code	First Name placeholder: "First Name" Last Name placeholder: "Last Name" Zip/Postal Code placeholder: "Zip/Postal Code"	Pass

TC08	Verify Placeholders Return When Fields are Cleared on Checkout Information Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Click Checkout button 9. Verify redirect to Checkout Information page 10. Input First Name 11. Input Last Name 12. Input Zip/Postal Code 13. Clear First Name field 14. Verify First Name placeholder is displayed 15. Clear Last Name field 16. Verify Last Name placeholder is displayed 17. Clear Zip/Postal Code field 18. Verify Zip/Postal Code placeholder is displayed	Username: standard_user Password: secret_sauce First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	First Name: Placeholder returns to "First Name" Last Name: Placeholder returns to "Last Name" Zip/Postal Code: Placeholder returns to "Zip/Postal Code"	Pass
TC09	Verify Continue with First Name Filled, Last Name with Spaces, and Zip/Postal Code Filled Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input spaces in Last Name field 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: " " Zip/Postal Code: 12345	Error message displayed: Last Name is required	Fail
TC10	Verify Continue with Last Name Filled, First Name with Spaces, and Zip/Postal Code Filled Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input spaces in First Name field 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: " " Last Name: Ali Zip/Postal Code: 12345	Error message displayed: First Name is required	Fail
TC11	Verify Continue with First Name and Last Name Filled but Invalid Zip/Postal Code (ABC) Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: ABC	Error message displayed: Zip/Postal Code must be valid numeric input	Fail
TC12	Verify Continue with First Name and Last Name Filled but Invalid Zip/Postal Code (---) Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: ---	Error message displayed: Zip/Postal Code must be valid numeric input	Fail
TC13	Verify Continue with First Name and Last Name Filled but Invalid Zip/Postal Code (_____) Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: _____	Error message displayed: Zip/Postal Code must be valid numeric input	Fail
TC14	Verify Continue with First Name and Last Name Filled but Invalid Zip/Postal Code (#####) Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: #####	Error message displayed: Zip/Postal Code must be valid numeric input	Fail

TC15	Verify Continue with Arabic First Name and Last Name and Valid Zip/Postal Code Shows No Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: محمد Last Name: علي Zip/Postal Code: 25364	No error message displayed; proceeds to next step	Pass
TC16	Verify Continue with Single Character First Name and Last Name and Valid Zip/Postal Code Succeeds	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: M Last Name: A Zip/Postal Code: 12345	Redirected to next step in checkout process without errors	Pass
TC17	Verify Continue with Alphanumeric First Name and Last Name and Valid Zip/Postal Code Succeeds	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed12 Last Name: Ali 1 Zip/Postal Code: 12345	Redirected to next step in checkout process without errors	Pass
TC18	Verify Continue with Spaced First Name and Last Name and Valid Zip/Postal Code Succeeds	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: M o h a m e d Last Name: A l i Zip/Postal Code: 12345	Redirected to next step in checkout process without errors	Pass
TC19	Verify Continue with Email as Last Name and Valid Zip/Postal Code Succeeds	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: mohamed Last Name: ali@gmail.com Zip/Postal Code: 12345	Redirected to next step in checkout process without errors	Pass
TC20	Verify Continue with Numeric First Name and Last Name and Valid Zip/Postal Code Shows Error	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button	Username: standard_user Password: secret_sauce Product: Product 1 First Name: 01010079365 Last Name: 01124486395 Zip/Postal Code: 12345	Error message displayed	Fail
TC21	Verify Cart Icon is Present and Opens Cart Page on Checkout Information Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Verify Cart icon is present in navbar 7. Click Cart icon 8. Verify redirect to Cart page	Username: standard_user Password: secret_sauce	Cart icon is visible and opens Cart page	Pass
TC22	Verify Sidebar Opens on Checkout Information Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Click Checkout button 9. Verify redirect to Checkout Information page 10. Click Sidebar menu icon 11. Verify Sidebar opens with navigation options	Username: standard_user Password: secret_sauce	Sidebar opens with navigation options	Pass

TC23	Verify Logo Click Redirects to Home Page on Checkout Information Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Cart icon 7. Verify redirect to Cart page 8. Click Checkout button 9. Verify redirect to Checkout Information page 10. Click Logo in navbar 11. Verify redirect to Home page	Username: standard_user Password: secret_sauce	Redirected to Home page	Fail
TC24	Verify Sidebar Opens on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Click Sidebar menu icon 17. Verify Sidebar opens with navigation options	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Sidebar opens with navigation options	Pass
TC25	Verify Cart Icon Opens Cart on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Click Cart icon 17. Verify redirect to Cart page	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Cart icon opens Cart page showing items	Pass
TC26	Verify Cart Icon Displays Number of Products on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add multiple products to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Verify Cart icon shows correct number	Username: standard_user Password: secret_sauce Products: Product 1, Product 2, Product 3 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Cart icon displays "3" for selected products	Pass
TC27	Verify Product Description is Present on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Verify product description is displayed	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Product description is displayed	Pass
TC28	Verify Product Price is Correct on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Verify product price matches Home page	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Product price matches Home page	Pass
TC29	Verify Product Name Click Redirects to Product Detail Page on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Click product name 17. Verify redirect to Product Detail page	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Redirected to Product Detail page for product	Pass

TC30	Verify Product Name Click Redirects to Product Detail Page and Remove Button is Enabled on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Click product name 17. Verify redirect to Product Detail page 18. Verify Remove button is enabled	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Redirected to Product Detail page; Remove button is enabled	Pass
TC31	Verify Payment Information is Present on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Verify Payment Information section is displayed	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Payment Information section is displayed	Pass
TC32	Verify Shipping Information is Present on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Verify Shipping Information section is displayed	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Shipping Information section is displayed	Pass
TC33	Verify Price Total is Present and Correctly Calculated on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add multiple products to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Verify Price Total is sum of product prices	Username: standard_user Password: secret_sauce Products: Product 1, Product 2 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Price Total is sum of product prices	Pass
TC34	Verify Tax is Present and Correctly Added to Total on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add multiple products to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Verify Tax is displayed and added to Total	Username: standard_user Password: secret_sauce Products: Product 1, Product 2 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Tax is displayed and added to Total	Pass
TC35	Verify Finish Button is Functional on Checkout Overview Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add multiple products to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Click Finish button 17. Verify redirect to Checkout Complete page	Username: standard_user Password: secret_sauce Products: Product 1, Product 2 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Finish button redirects to Checkout Complete page	Pass

TC36	Verify Checkout Complete Page Shows Thank You Message	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add multiple products to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Click Finish button 17. Verify redirect to Checkout Complete page 18. Verify Thank You message is displayed	Username: standard_user Password: secret_sauce Products: Product 1, Product 2 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	"Thank you for your order!" message is displayed	Pass
TC37	Verify Back Home Button Redirects to Home Page from Checkout Complete Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add multiple products to cart 7. Click Cart icon 8. Verify redirect to Cart page 9. Click Checkout button 10. Verify redirect to Checkout Information page 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click Continue button 15. Verify redirect to Checkout Overview page 16. Click Finish button 17. Verify redirect to Checkout Complete page 18. Click Back Home button 19. Verify redirect to Home page	Username: standard_user Password: secret_sauce Products: Product 1, Product 2 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Back Home button redirects to Home page	Pass
TC38	Verify LinkedIn Link Redirects to Correct Page from Footer	1. Navigate to https://www.saucedemo.com/ 2. Scroll to footer section 3. Click LinkedIn icon	None	LinkedIn page opens in a new tab	Pass
TC39	Verify Facebook Link Redirects to Correct Page from Footer	1. Navigate to https://www.saucedemo.com/ 2. Scroll to footer section 3. Click Facebook icon	None	Facebook page opens in a new tab	Pass
TC40	Verify Twitter Link Redirects to Correct Page from Footer	1. Navigate to https://www.saucedemo.com/ 2. Scroll to footer section 3. Click Twitter icon	None	Twitter page opens in a new tab	Pass

SideBar Test Cases

ID	Title	Steps	Test Data	Expected Result	Status
TC01	Verify Hamburger Icon is Present in Navbar on Home Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Verify Hamburger Icon is present in Navbar	Username: standard_user Password: secret_sauce	Hamburger Icon is visible in Navbar	Pass
TC02	Verify Dropdown Items Change Color to Green on Hover in Sidebar Menu	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Hover over "All Items" link 8. Verify color change for "All Items" link 9. Repeat steps 7-8 for "About", "Logout", and "Reset App State" links	Username: standard_user Password: secret_sauce	Each Sidebar link changes to green on hover	Pass
TC03	Verify About Link in Sidebar Navigates to About Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page	Username: standard_user Password: secret_sauce	Redirected to About page	Pass
TC04	Verify Logout Link in Sidebar Logs Out and Navigates to Login Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "Logout" link 8. Verify redirect to Login page	Username: standard_user Password: secret_sauce	User is logged out and redirected to Login page	Pass
TC05	Verify Hamburger Icon Changes to Close Icon When Sidebar is Opened	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Verify Hamburger Icon changes to Close Icon	Username: standard_user Password: secret_sauce	Hamburger Icon changes to Close Icon (X)	Pass
TC06	Verify Reset App State Restores Application to Original State	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Add product to cart 7. Click Hamburger Icon to open Sidebar 8. Click "Reset App State" link 9. Verify cart is empty and application state is reset	Username: standard_user Password: secret_sauce Product: Product 1	Cart is empty and application state is reset	Fail
TC07	Verify Sidebar Functionality in Mobile View	1. Navigate to https://www.saucedemo.com/ in mobile view (375×667 px) 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Verify Sidebar opens without overlapping UI elements 8. Click "About" link 9. Verify redirect to About page	Username: standard_user Password: secret_sauce	Sidebar opens without overlap; About link redirects to About page	Pass

About page Test Cases

ID	Title	Steps	Test Data	Expected Result	Status
TC01	Verify Hovering Over Products in Navbar on About Page Opens Dropdown Menu	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Products" link in Navbar 10. Verify dropdown menu opens	Username: standard_user Password: secret_sauce	Dropdown menu opens displaying list of products	Pass
TC02	Verify Hovering Over Solutions in Navbar on About Page Opens Dropdown Menu	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Solutions" link in Navbar 10. Verify dropdown menu opens	Username: standard_user Password: secret_sauce	Dropdown menu opens displaying list of solutions	Pass
TC03	Verify Hovering Over Developers in Navbar on About Page Opens Dropdown Menu	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Developers" link in Navbar 10. Verify dropdown menu opens	Username: standard_user Password: secret_sauce	Dropdown menu opens displaying list of developers' resources	Pass
TC04	Verify Hovering Over Resources in Navbar on About Page Opens Dropdown Menu	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Resources" link in Navbar 10. Verify dropdown menu opens	Username: standard_user Password: secret_sauce	Dropdown menu opens displaying list of resources	Pass
TC05	Verify Clicking Request a Demo Button in Navbar on About Page Navigates to Demo Request Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Click "Request a Demo" button in Navbar 10. Verify redirect to Demo Request page	Username: standard_user Password: secret_sauce	Redirected to Demo Request page	Pass
TC06	Verify Clicking Go to Dashboard Button in Navbar on About Page Navigates to Dashboard Page	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Click "Go to Dashboard" button in Navbar 10. Verify redirect to Dashboard page	Username: standard_user Password: secret_sauce	Redirected to Dashboard page	Pass
TC07	Verify Hovering Over All Links in Products Dropdown on About Page Changes Color to Green	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Products" link in Navbar to open dropdown 10. Hover over each link in Products dropdown 11. Verify color change for each link	Username: standard_user Password: secret_sauce	Each link in Products dropdown changes to green	Pass
TC08	Verify Clicking All Links in Products Dropdown on About Page Navigates to Correct Pages	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Products" link in Navbar to open dropdown 10. Click each link in Products dropdown 11. Verify redirect to correct page for each link	Username: standard_user Password: secret_sauce	Redirected to correct page for each link clicked	Pass
TC09	Verify Hovering Over All Links in Solutions Dropdown on About Page Changes Color to Green	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Solutions" link in Navbar to open dropdown 10. Hover over each link in Solutions dropdown 11. Verify color change for each link	Username: standard_user Password: secret_sauce	Each link in Solutions dropdown changes to green	Pass
TC10	Verify Clicking All Links in Solutions Dropdown on About Page Navigates to Correct Pages	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Solutions" link in Navbar to open dropdown 10. Click each link in Solutions dropdown 11. Verify redirect to correct page for each link	Username: standard_user Password: secret_sauce	Redirected to correct page for each link clicked	Pass

TC11	Verify Hovering Over All Links in Developers Dropdown on About Page Changes Color to Green	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Developers" link in Navbar to open dropdown 10. Hover over each link in Developers dropdown 11. Verify color change for each link	Username: standard_user Password: secret_sauce	Each link in Developers dropdown changes to green	Pass
TC12	Verify Clicking All Links in Developers Dropdown on About Page Navigates to Correct Pages	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Developers" link in Navbar to open dropdown 10. Click each link in Developers dropdown 11. Verify redirect to correct page for each link	Username: standard_user Password: secret_sauce	Redirected to correct page for each link clicked	Pass
TC13	Verify Hovering Over All Links in Resources Dropdown on About Page Changes Color to Green	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Resources" link in Navbar to open dropdown 10. Hover over each link in Resources dropdown 11. Verify color change for each link	Username: standard_user Password: secret_sauce	Each link in Resources dropdown changes to green	Pass
TC14	Verify Clicking All Links in Resources Dropdown on About Page Navigates to Correct Pages	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Hover over "Resources" link in Navbar to open dropdown 10. Click each link in Resources dropdown 11. Verify redirect to correct page for each link	Username: standard_user Password: secret_sauce	Redirected to correct page for each link clicked	Pass
TC15	Verify Search Icon in Navbar on About Page Functions Correctly	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Home page 6. Click Hamburger Icon to open Sidebar 7. Click "About" link 8. Verify redirect to About page 9. Click Search Icon in Navbar 10. Input search query 11. Verify search results are displayed	Username: standard_user Password: secret_sauce Search Query: test product	Search results relevant to query are displayed	Pass

System Test Cases

ID	Title	Steps	Test Data	Expected Result	Status
SYS01	Verify Login and Inventory Across Browsers	1. Navigate to https://www.saucedemo.com/ in Chrome 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Verify products load correctly 7. Repeat steps 1-6 in Edge	Username: standard_user Password: secret_sauce	6 products load correctly in both Chrome and Edge	Pass
SYS02	Verify Checkout Performance Under Load	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add products to cart 7. Click Cart icon 8. Click "Checkout" button 9. Input First Name 10. Input Last Name 11. Input Zip/Postal Code 12. Click "Continue" button 13. Click "Finish" button 14. Measure checkout time	Username: standard_user Password: secret_sauce Products: Product 1, Product 2, Product 3 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	Checkout completes within 5 seconds	Pass
SYS03	Verify Invalid Inputs Rejected in Checkout	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add product to cart 7. Click Cart icon 8. Click "Checkout" button 9. Input Zip/Postal Code 10. Click "Continue" button 11. Verify error message	Username: standard_user Password: secret_sauce Product: Product 1 Zip/Postal Code: ABCDE	Error "Postal Code must be numeric" appears; user cannot proceed	Pass
SYS04	Verify Sidebar Functionality Across Pages	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Click Hamburger Icon to open Sidebar 7. Click "All Items" link 8. Verify redirect to Inventory page 9. Click Cart icon 10. Click Hamburger Icon to open Sidebar 11. Click "All Items" link 12. Verify redirect to Inventory page	Username: standard_user Password: secret_sauce	Sidebar navigates to Inventory from both pages	Pass
SYS05	Verify Session Timeout Handling	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Stay idle until session expiry 7. Attempt to add product to cart 8. Verify redirect to Login page 9. Verify error message	Username: standard_user Password: secret_sauce Product: Product 4	Redirect to Login page with "Session expired" error	Fail
SYS06	Verify Product Sorting Functionality	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Select "Price (High to Low)" sort option 7. Verify product order	Username: standard_user Password: secret_sauce Sort Option: Price (High to Low) First Product: Product 5	Products sorted by price from highest to lowest (e.g., Product 5 first)	Pass
SYS07	Verify UI Responsiveness on Mobile	1. Navigate to https://www.saucedemo.com/ in mobile view (375×667 px) 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Verify Inventory layout 7. Repeat steps 1-6 on Safari mobile	Username: standard_user Password: secret_sauce Viewport: mobile view (375×667 px)	Responsive layout with no overlap on both devices	Pass
SYS08	Verify Error Message UI on Invalid Login	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify error message	Username: standard_user Password: wrong_password	"Epic sadface: Username and password do not match" appears in red below login form	Pass
SYS09	Verify Reset App State Functionality	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add products to cart 7. Click Hamburger Icon to open Sidebar 8. Click "Reset App State" link 9. Click Cart icon 10. Verify cart is empty 11. Verify product buttons	Username: standard_user Password: secret_sauce Products: Product 2, Product 3	Cart is empty; all product buttons reset to "Add to Cart"	Pass
SYS10	Verify SQL Injection Attempt in Login	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify error message	Username: ' OR '1'='1 Password: ' OR '1'='1	"Username and password do not match" appears; no access granted	Pass
SYS11	Verify Page Load Time for Inventory	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Measure Inventory page load time	Username: standard_user Password: secret_sauce	Inventory page loads within 3 seconds	Pass

End To End Test Cases

ID	Title	Steps	Test Data	Expected Result	Status
E2E01	Verify Complete Purchase Flow	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add product to cart 7. Click Cart icon 8. Click "Checkout" button 9. Input First Name 10. Input Last Name 11. Input Zip/Postal Code 12. Click "Continue" button 13. Click "Finish" button 14. Verify Confirmation page	Username: standard_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	"Thank you for your order!" with product details (name, price, quantity)	Pass
E2E02	Verify Fails with Invalid Payment Info	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add product to cart 7. Click Cart icon 8. Click "Checkout" button 9. Input First Name 10. Input Last Name 11. Input Zip/Postal Code 12. Click "Continue" button 13. Verify error message	Username: standard_user Password: secret_sauce Product: Product 2 First Name: Mohamed Last Name: Ali Zip/Postal Code: ABCDE	Error "Postal Code must be numeric" appears; user cannot proceed	Pass
E2E03	Verify Locked Out User Cannot Purchase	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify error message	Username: locked_out_user Password: secret_sauce	"Sorry, this user has been locked out" appears; cannot access Inventory	Pass
E2E04	Verify Multiple Products Purchase Flow	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add products to cart 7. Click Cart icon 8. Click "Checkout" button 9. Input First Name 10. Input Last Name 11. Input Zip/Postal Code 12. Click "Continue" button 13. Click "Finish" button 14. Verify Confirmation page	Username: standard_user Password: secret_sauce Products: Product 1, Product 2, Product 3 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	"Thank you for your order!" with all 3 products listed correctly	Pass
E2E05	Verify Cancel Checkout Returns to Inventory	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add product to cart 7. Click Cart icon 8. Click "Checkout" button 9. Click "Cancel" button 10. Verify redirect to Inventory page 11. Click Cart icon 12. Verify product in Cart page	Username: standard_user Password: secret_sauce Product: Product 5	Returns to Inventory; product remains in Cart	Pass
E2E06	Verify Problem User Faces Issues	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add product to cart 7. Click Cart icon 8. Click "Checkout" button 9. Click "Continue" button 10. Verify UI/functionality issues	Username: problem_user Password: secret_sauce Product: Product 4	Problem user experiences UI/functionality issues (missing buttons or incorrect data)	Pass
E2E07	Verify Purchase with Maximum Products	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add all products to cart 7. Click Cart icon 8. Click "Checkout" button 9. Input First Name 10. Input Last Name 11. Input Zip/Postal Code 12. Click "Continue" button 13. Click "Finish" button 14. Verify Confirmation page	Username: standard_user Password: secret_sauce Products: Product 1, Product 2, Product 3, Product 4, Product 5, Product 6 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	"Thank you for your order!" with all 6 products listed	Pass
E2E08	Verify Invalid Login Prevents Purchase	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify error message 6. Attempt to access Cart page	Username: standard_user Password: wrong_password	Error "Username and password do not match" appears; Cart inaccessible	Pass

E2E09	Verify Purchase After Re-login	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add product to cart 7. Click Hamburger Icon to open Sidebar 8. Click "Logout" link 9. Verify redirect to Login page 10. Input username 11. Input password 12. Click Login button 13. Click Cart icon 14. Click "Checkout" button 15. Input First Name 16. Input Last Name 17. Input Zip/Postal Code 18. Click "Continue" button 19. Click "Finish" button 20. Verify Confirmation page	Username: standard_user Password: secret_sauce Product: Product 3 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	"Thank you for your order!" with product details	Pass
E2E10	Verify Performance User Completes Purchase	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add product to cart 7. Click Cart icon 8. Click "Checkout" button 9. Input First Name 10. Input Last Name 11. Input Zip/Postal Code 12. Click "Continue" button 13. Click "Finish" button 14. Verify Confirmation page	Username: performance_glitch_user Password: secret_sauce Product: Product 1 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345 Delay: >5 seconds	Purchase completes with delay (>5 seconds)	Pass
E2E11	Verify Purchase After Network Interruption	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Add product to cart 7. Click Cart icon 8. Click "Checkout" button 9. Disconnect network 10. Reconnect network 11. Input First Name 12. Input Last Name 13. Input Zip/Postal Code 14. Click "Continue" button 15. Click "Finish" button 16. Verify Confirmation page	Username: standard_user Password: secret_sauce Product: Product 4 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	"Thank you for your order!" with product after reconnect; no data loss	Pass
E2E12	Verify Purchase After Sorting Products	1. Navigate to https://www.saucedemo.com/ 2. Input username 3. Input password 4. Click Login button 5. Verify redirect to Inventory page 6. Select "Price (High to Low)" sort option 7. Add product to cart 8. Click Cart icon 9. Click "Checkout" button 10. Input First Name 11. Input Last Name 12. Input Zip/Postal Code 13. Click "Continue" button 14. Click "Finish" button 15. Verify Confirmation page	Username: standard_user Password: secret_sauce Sort Option: Price (High to Low) Product: Product 5 First Name: Mohamed Last Name: Ali Zip/Postal Code: 12345	"Thank you for your order!" with product details	Pass