**Functional Test Suite for SWAG LABS WEBSITE:** [Swag Labs (saucedemo.com)](https://www.saucedemo.com/)

1. Locked Out User:

Valid UserId: Locked\_Out\_User

Password: secret\_sauce

Test Case #1.1:

**Scenario: User tries to log in with valid username and password**

Given the user is on the login page

When the user enters valid username and password

And clicks the login button

Then the user should be redirected to the homepage

Test Case #1.2:

**Scenario: User tries to log in with invalid username and password**

Given the user is on the login page

When the user enters invalid username and password

And clicks the login button

Then the user should see an error message "Invalid username or password"

Test Case #1.3:

**Scenario: User tries to log in with an empty username**

Given the user is on the login page

When the user leaves the username field empty

And enters a valid password

And clicks the login button

Then the user should see an error message "Username cannot be empty"

Test Case #1.4:

**Scenario: User tries to log in with an empty password**

Given the user is on the login page

When the user enters a valid username

And leaves the password field empty

And clicks the login button

Then the user should see an error message "Password cannot be empty"

Test Case #1.5:

**Scenario: User tries to log in with both fields empty**

Given the user is on the login page

When the user leaves both username and password fields empty

And clicks the login button

Then the user should see an error message "Username and password cannot be empty"

1. Performance Glitch User

UserId: Performance\_Glitch\_User

Password: secret\_sauce

Test Case #2.1:

**Scenario: User tries to log in with valid username and password**

Given the user is on the login page

When the user enters valid username and password

And clicks the login button

Then the user should be redirected to the homepage

Test Case #2.2:

**Scenario: User tries to log in with invalid username and password**

Given the user is on the login page

When the user enters invalid username and password

And clicks the login button

Then the user should see an error message "Invalid username or password"

Test Case #2.3:

**Scenario: User tries to log in with an empty username**

Given the user is on the login page

When the user leaves the username field empty

And enters a valid password

And clicks the login button

Then the user should see an error message "Username cannot be empty"

Test Case #2.4:

**Scenario: User tries to log in with an empty password**

Given the user is on the login page

When the user enters a valid username

And leaves the password field empty

And clicks the login button

Then the user should see an error message "Password cannot be empty"

Test Case #2.5:

**Scenario: User tries to log in with both fields empty**

Given the user is on the login page

When the user leaves both username and password fields empty

And clicks the login button

Then the user should see an error message "Username and password cannot be empty"

Test Case #2.6:

**Scenario: The product card displays valid product details**

Given the user is on the home page

When the user reads the product card

Then all the valid details should be displayed fetched properly from the database

Test Case #2.7:

**Scenario: User adds the product to the cart**

Given the user is on the home page

When the user clicks on the ‘Add to Cart’ button

Then the product should be added to the cart

Test Case #2.8:

**Scenario: User removes a product from the cart**

Given the user is on the home page

When the user clicks on the ’Remove’ button

Then the product should be removed from the cart

Test Case #2.9:

**Scenario: The image of the product is displayed on the product card**

Given the user is on the home page

When user scrolls through the home page and checks the product cards

Then appropriate images related to the product needs to be displayed

Test Case #2.10

**Scenario: Product name directs to the product details page**

Given the user is on the home page

When the user clicks on the name of the product

Then the user should be directed to the products details page

Test Case #2.11

**Scenario: Input validation during cart checkout**

Given the user is checking out of the cart

When the user enters the details

Then all the values should be in a compatible form

And the checkout and final amount page should be displayed

Test Case #2.12

**Scenario: Checkout overview page should display details correctly**

Given the user is on checkout overview page

When the user validates and checks the total purchase details

Then the user should be displayed with valid data

1. Problem\_User

UserId: Problem\_User

Password: secret\_sauce

Test Case #3.1:

**Scenario: User tries to log in with username “problem\_user” and password “secret\_sauce”**

Given the user is on the login page

When the user enters valid credentials

And clicks the login button

Then the user should be redirected to the homepage

Test Case #3.2:

**Scenario: User tries to log in with credentials other than username “problem\_user” and password “secret\_sauce”**

Given the user is on the login page

When the user enters invalid credentials

And clicks the login button

Then the user should see an error message "Invalid username or password"

Test Case #3.3:

**Scenario: User tries to log in with an empty username and password ‘secret\_sauce’**

Given the user is on the login page

When the user leaves the username field empty

And enters a valid password

And clicks the login button

Then the user should see an error message "Username cannot be empty"

Test Case #3.4:

**Scenario: User tries to log in with an empty password and username ‘problem\_user’**

Given the user is on the login page

When the user enters a valid username

And leaves the password field empty

And clicks the login button

Then the user should see an error message "Password cannot be empty"

Test Case #3.5:

**Scenario: User tries to log in with both fields empty**

Given the user is on the login page

When the user leaves both username and password fields empty

And clicks the login button

Then the user should see an error message "Username and password cannot be empty"

Test Case #3.6:

**Scenario: Description of all products should be matching product title.**

Given the user is on the product details page

Then the product description should match the product title

Test Case #3.7:

**Scenario: User should be able to search for the products of their choice**

Given the user is on the homepage

When the user enters a product name in the search bar

And clicks the "Search" button

Then relevant products should be displayed based on the search term

Test Case #3.8:

**Scenario: User should be able to add to cart ‘Sauce Labs Backpack’ by clicking on “Add to cart”**

Given the user is on a product details page

When the user clicks on the "Add to cart" button below ‘Sauce Labs Backpack’

Then the product should be added to the cart

Test Case #3.9:

**Scenario: User should be able to add to cart ‘Sauce Labs Bike Light’ by clicking on “Add to cart”**

Given the user is on a product details page

When the user clicks on the "Add to cart" button below ‘Sauce Labs Bike Light’

Then the product should be added to the cart

Test Case #3.10:

**Scenario: User should be able to add to cart ‘Sauce Labs Bolt T-shirt’ by clicking on “Add to cart”**

Given the user is on a product details page

When the user clicks on the "Add to cart" button below ‘Sauce Lab Bolt T-shirt’

Then the product should be added to the cart

Test Case #3.11:

**Scenario: User should be able to add to cart ‘Sauce Labs Fleece Jacket’ by clicking on “Add to cart”**

Given the user is on a product details page

When the user clicks on the "Add to cart" button below ‘Sauce Labs Fleece Jacket’

Then the product should be added to the cart

Test Case #3.12:

**Scenario: User should be able to add to cart ‘Sauce Labs Onesie’ by clicking on “Add to cart”**

Given the user is on a product details page

When the user clicks on the "Add to cart" button below ‘Sauce Labs Onesie’

Then the product should be added to the cart

Test Case #3.13:

**Scenario: User should be able to add to cart ‘Sauce Labs Classic T-Shirt (Red)’ by clicking on “Add to cart”**

Given the user is on a product details page

When the user clicks on the "Add to cart" button below ‘Sauce Labs Classic T-Shirt (Red)’

Then the product should be added to the cart

Test Case #3.14:

**Scenario: User should be able to decide quantity of item to be added using the counter**

Given the user is on a product details page

When the user selects a quantity using the counter And clicks on "Add to cart"

Then the selected quantity should be added to the cart

Test Case #3.15:

**Scenario: User should be able to remove items from the cart using the “Remove” button**

Given the user has items in the cart

When the user clicks the "Remove" button for an item

Then the item should be removed from the cart

Test Case #3.16:

**Scenario: User should be able to filter items based on the filter type they have chosen.**

Given the user is on the product listing page

When the user selects a filter type from the dropdown menu

Then the products should be filtered based on the selected type

Test Case #3.17:

**Scenario: Items in cart should be displayed when Cart Icon is clicked on.**

Given the user has items in the cart

When the user clicks on the cart icon

Then the items in the cart should be displayed

Test Case #3.18:

**Scenario: User should be able to remove the items in cart when they click on ‘Remove’ button in the cart.**

Given the user has items in the cart

When the user clicks on the "Remove" button for an item in the cart

Then the item should be removed from the cart

Test Case #3.19:

**Scenario: Address page should load when ‘Checkout’ button is clicked on.**

Given the user has items in the cart

When the user clicks on the "Checkout" button

Then the address page should load

Test Case #3.20:

**Scenario: First Name textbox should allow user to type First Name.**

Given the user is on the address page

When the user clicks on the "First Name" textbox

Then the user should be able to type their first name

Test Case #3.21:

**Scenario: Second Name textbox should allow user to type Second Name.**

Given the user is on the address page

When the user clicks on the "Second Name" textbox

Then the user should be able to type their second name

Test Case #3.22:

**Scenario: Zip Code textbox should allow user to type Zip Code.**

Given the user is on the address page

When the user clicks on the "Zip Code" textbox

Then the user should be able to type their zip code

Test Case #3.23:

**Scenario:User should be able to navigate to the next page when they click on ‘Continue’ button.**

Given the user is on the address page

When the user clicks on the "Continue" button

Then the user should be navigated to the next page in the checkout process

Test Case #3.24:

**Scenario: The user should be able to go back to the cart when the ‘Cancel’ button is clicked on.**

Given the user is on the address page

When the user clicks on the "Cancel" button T

Then the user should be navigated back to the cart

Test Case #3.25:

**Scenario: The image of the product should match the product title.**

Given the user is on a product details page

Then the image of the product should match the product title.

Test Case #3.26:

**Scenario: The user should be able to see the About page**

Given the user is on the homepage

When the user clicks on the "About" link

Then the About page should be displayed

4. UserId: Error\_User

Password: secret\_sauce

Test Case 4.1: **User needs to add products to cart on the home page.**

Given a user is on the home page,

When the user attempts to add a product to cart by clicking on “add to cart” button.

Then the product should be added to the cart

And the same should be reflected both on the homepage and in the cart.

Test Case 4.2: **User needs to remove a product on the home page after adding it.**

Given a user is on the home page,

When the user needs to remove the product after adding it,

Then the “Remove” button should be responsive.

Test Case 4.3: **User should be able to view all details of the product.**

Given a user is on the product page for a particular item,

when a user clicks on a particular product on homepage,

then all the details such as price, availability, description should be available for the user on the product page

Test Case 4.4: **User should be able to add a product to cart on the product page**

Given a user is on the product page for a particular item,

when a user clicks on “add to cart” button,

then the particular product should be added to the cart

And reflected in the page.

Test Case 4.5: **User should be able to filter the products.**

Given the user is on the homepage,

when a user wants to view products sorted either on the basis of price or chronologically,

then the list of all products should be changed accordingly on the home page.

Test Case 4.6: **User should be able to remove a product on the product page**

Given a user is on the product page for a particular item,

when a user clicks on “remove” button,

then the product should be removed from the cart

And reflected in the page.

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Test Case 4.7: **User should enter valid details asked in the form during check out**

Given a user is on the checkout page,

When the user is asked to fill in First Name and Pin code,

Then valid values should be accepted.

Test Case 4.8: **User should not be able to logout an empty cart**

Given the user is on the checkout page,

When the user is checking out,

Then the cart should not be empty.

**5. Visual\_User**

Password: secret\_sauce

***Feature :*** *Sauce Labs Products*

**Sauce Labs Bike Light**

*Test Case 5.1*

**Scenario: Display product name for Bike Light**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Bike Light

Then I should see the product name "Sauce Labs Bike Light"

*Test Case 5.2*

**Scenario: Display product description for Bike Light**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Bike Light

Then I should see the product description about the Bike Light

*Test Case 5.3*

**Scenario: Display product price for Bike Light**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Bike Light

Then I should see the product price in the format "$XX.XX"

*Test Case 5.4*

**Scenario: Verify price consistency for Bike Light**

Given I am on the Sauce Labs products page

When I capture the displayed price of the Sauce Labs Bike Light

And I reload the page

Then the displayed price should remain the same as before the reload

*Test Case 5.5*

**Scenario: Display the Image representing the product Bike Light**

Given I am on the Sauce Labs products page

When I inspect the image for the Sauce Labs Bike Light

Then I should be able to see a visual representation of the product

**Sauce Labs Classic T-Shirt**

*Test Case 5.6*

**Scenario: Display product name for Sauce Labs Classic T-Shirt (Red)**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Classic T-Shirt (Red)

Then I should see the product name "Sauce Labs Classic T-Shirt (Red)"

*Test Case 5.7*

**Scenario: Display product description for Sauce Labs Classic T-Shirt (Red)**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Classic T-Shirt (Red)

Then I should see the product description about Sauce Labs Classic T-Shirt

*Test Case 5.8*

**Scenario: Display product price for Sauce Labs Classic T-Shirt (Red)**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Classic T-Shirt (Red)

Then I should see the product price in the format "$XX.XX"

*Test Case 5.9*

**Scenario: Verify price consistency for Sauce Labs Classic T-Shirt (Red)**

Given I am on the Sauce Labs products page

When I capture the displayed price of the Sauce Labs Classic T-Shirt (Red)

And I reload the page

Then the displayed price should remain the same as before the reload

*Test Case 5.10*

**Scenario:Display the Image representing the product Sauce Labs Classic T-Shirt (Red)**

Given I am on the Sauce Labs products page

When I inspect the image for the Sauce Labs Classic T-Shirt (Red)

Then I should be able to see a visual representation of the product

**Sauce Labs Backpack**

*Test Case 5.11*

**Scenario: Display product name for Backpack**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Backpack

Then I should see the product name "Sauce Labs Backpack"

*Test Case 5.12*

**Scenario: Display product description for Backpack**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Backpack

Then I should see the product description about the Sauce Labs Backpack

*Test Case 5.13*

**Scenario: Display product price for Backpack**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Backpack

Then I should see the product price in the format "$XX.XX"

*Test Case 5.14*

**Scenario: Verify price consistency for Backpack**

Given I am on the Sauce Labs products page

When I capture the displayed price of the Sauce Labs Backpack

And I reload the page

Then the displayed price should remain the same as before the reload

*Test Case 5.15*  
  **Scenario: Display the Image representing the product Backpack**

Given I am on the Sauce Labs products page

When I inspect the image for the Sauce Labs Backpack

Then I should be able to see a visual representation of the product

**Sauce Labs Bolt T-Shirt**

*Test Case 5.16*

**Scenario: Display product name for Bolt T-Shirt**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Bolt T-Shirt

Then I should see the product name "Sauce Labs Bolt T-Shirt"

*Test Case 5.17*

**Scenario: Display product description for Bolt T-Shirt**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Bolt T-Shirt

Then I should see the product description about the Bolt T-Shirt

*Test Case 5.18*

**Scenario: Display product price for Bolt T-Shirt**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Bolt T-Shirt

Then I should see the product price in the format "$XX.XX"

*Test Case 5.19*

**Scenario: Verify price consistency for Bolt T-Shirt**

Given I am on the Sauce Labs products page

When I capture the displayed price of the Sauce Labs Bolt T-Shirt

And I reload the page

Then the displayed price should remain the same as before the reload

*Test Case 5.20*

**Scenario:Display the Image representing the product Bolt T-Shirt**

Given I am on the Sauce Labs products page

When I inspect the image for the Sauce Labs Bolt T-Shirt

Then I should be able to see a visual representation of the product

**Sauce Labs Fleece Jacket**

*Test Case 5.21*

**Scenario: Display product name for Fleece Jacket**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Fleece Jacket

Then I should see the product name "Sauce Labs Fleece Jacket"

*Test Case 5.22*

**Scenario: Display product description for Fleece Jacket**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Fleece Jacket

Then I should see the product description about the Fleece Jacket

*Test Case 5.23*

**Scenario: Display product price for Fleece Jacket**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Fleece Jacket

Then I should see the product price in the format "$XX.XX"

*Test Case 5.24*

**Scenario: Verify price consistency for Fleece Jacket**

Given I am on the Sauce Labs products page

When I capture the displayed price of the Sauce Labs Fleece Jacket

And I reload the page

Then the displayed price should remain the same as before the reload

*Test Case 5.25*

**Scenario: Display the Image representing the product Fleece Jacket**

Given I am on the Sauce Labs products page

When I inspect the image for the Sauce Labs Fleece Jacket

Then I should be able to see a visual representation of the product

**Sauce Labs Onesie**

*Test Case 5.26*

**Scenario: Display product name for Onesie**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Onesie

Then I should see the product name "Sauce Labs Onesie"

*Test Case 5.27*

**Scenario: Display product description for Onesie**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Onesie

Then I should see the product description "Rib snap infant onesie for the junior automation engineer in development. Reinforced 3-snap bottom closure, two- needle hemmed sleeved and bottom won't unravel."

*Test Case 5.28*

**Scenario: Display product price for Onesie**

Given I am on the Sauce Labs products page

When I view the Sauce Labs Onesie

Then I should see the product price in the format "$XX.XX"

*Test Case 5.29*

**Scenario: Verify price consistency for Onesie**

Given I am on the Sauce Labs products page

When I capture the displayed price of the Sauce Labs Onesie

And I reload the page

Then the displayed price should remain the same as before the reload

*Test Case 5.30*

**Scenario: Display the Image representing the product Onesie**

Given I am on the Sauce Labs products page

When I inspect the image for the Sauce Labs Onesie

Then I should be able to see a visual representation of the product

*Test Case 5.31*

**Scenario: Verify Filter Dropdown Visibility and Alignment**

Given I am on the Sauce Labs products page

When I inspect the filter bar dropdown

Then the filter bar should be completely visible and aligned correctly

*Test Case 5.32*

**Scenario: Verify Hamburger Icon Visibility and Alignment**   
Given I am on the Sauce Labs products page

When I inspect the Hamburger Icon  
 Then the Hamburger Icon should be completely visible and aligned correctly

*Test Case 5.33*

**Scenario: Verify Cart Symbol Visibility and Alignment**

Given I am on the Sauce Labs products page

When I inspect the Cart Symbol

Then the Cart Symbol should be completely visible and aligned correctly

*Test Case 5.34*

**Scenario: Verify Website Title Visibility and Alignment**

Given I am on the Sauce Labs Home page

When I inspect the Home Page

Then the website title should be aligned correctly, visible and not obscured by other elements

**6. Standard User: Nandini Maheshwari**

Password: secret\_sauce

TEST CASE 6.1:

**Scenario: User tries to login in the swag application with valid username and password.**

Given user tries to login in the swag lab application.

When user enters the login details

And user clicks on login button.

Then the user is able to login into the swag lab application.

TEST CASE 6.2:

**Scenario: User tries to add item to the cart.**

Given user tries to add the item to the cart.

When user for a particular product clicks to add to cart button .

Then user is able to add the product to the cart.

TEST CASE 6.3:

**Scenario: User tries to add multiple product .**

Given user tries to add multiple products to the cart.

When user added a particular product to the cart

Then the user is not able to see the counter to add more.

TEST CASE 6.4:

**Scenario: User tries to search more products from search bar**

Given user tries to search more product.

When user looks for the search bar.

Then the user was not able to find the search bar.

TEST CASE 6.5:

**Scenario: User removes a product from the cart**

Given the user is on the home page

When the user clicks on the ’Remove’ button

Then the product should be removed from the cart