

TEST CASES CASUÍSTICA

Login Test Cases:

TC01 - Login with valid credentials

TC02 - Login with invalid password

TC03 - Login with invalid user

TC04 - Login with locked out user

TC05 - Login with empty credentials

TC06 - Login with password containing spaces

TC07 - Login with empty username and valid password

TC08 - Login with valid username and empty password

TC09 - Login with username containing leading and trailing spaces

TC10 - Success Logout

Shopping Cart Test Cases:

TC11 - Add a single product to the cart

TC12 - Add multiple products to the cart

TC13 - View Cart with added products

TC14 - Remove product from cart

TC15 - Open cart with no products

TC16 - Add to cart button changes to Remove

TC17 - Remove button changes back to Add to cart

TEST CASES IMPLEMENTATION.

Feature: Login

Title: Login with valid credentials

Preconditions:

- User is on the Login page
- Valid user exists (standard_user)

Test Data:

- Username: `standard_user`
- Password: `secret_sauce`

Steps:

1. Navigate to the Login page

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

Expected Result:

- User is redirected to the Products page (/inventory.html)
 - Product list is displayed successfully
-

Title: Login with invalid password

Preconditions:

- User is on the Login page

Test Data:

- Username: `standard_user`
- Password: `invalid_password`

Steps:

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

Expected Result:

- Error message is displayed
 - User remains on the Login page
-

Title: Login with invalid user

Preconditions:

- User is on the Login page

Test Data:

- Username: `standard_user`
- Password: `invalid_password`

Steps:

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

Expected Result:

- Error message is displayed
 - User remains on the Login page
-

Title: Login with locked out user

Preconditions:

- User is on the Login page
- Locked user exists

Test Data:

- Username: `locked_out_user`
- Password: `secret_sauce`

Steps:

1. Enter locked user credentials
2. Click the Login button

Expected Result:

- Error message “Sorry, this user has been locked out.” is displayed
 - User is not logged in
-

Title: Login with locked out user

Preconditions:

- User is on the Login page

Test Data:

- Username: `empty`
- Password: `empty`

Steps:

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

Expected Result:

- Validation error message is displayed
 - Login is not performed
-

Title: Login with empty username and valid password

Preconditions:

- User is on the Login page

Test Data:

- Username: `(empty)`
- Password: `secret_sauce`

Steps:

1. Leave the **Username** field empty
2. Enter a valid password
3. Click the **Login** button

Expected Result:

- An error message is displayed indicating that the username is required
- User remains on the Login page

- Login is not performed
-

Title: Login with valid username and empty password

Preconditions:

- User is on the Login page

Test Data:

- Username: `standard_user`
- Password: `(empty)`

Steps:

1. Enter a valid username
2. Leave the **Password** field empty
3. Click the **Login** button

Expected Result:

- An error message is displayed indicating that the password is required
 - User remains on the Login page
 - Login is not performed
-

Title: Login with username containing leading and trailing spaces

Preconditions:

- User is on the Login page

Test Data:

- Username: " `standard_user` "
- Password: `secret_sauce`

Steps:

1. Enter a username with leading and trailing spaces
2. Enter a valid password
3. Click the **Login** button

Expected Result:

- System trims the username input **or** displays a validation error
- If trimming is applied, login is successful and user is redirected to the Products page
- No unexpected behavior or application error occurs

Title: Login with password containing spaces

Preconditions:

- User is on the Login page

Test Data:

- Username: `standard_user`
- Password: " `secret_sauce` " (with spaces)

Steps:

1. Enter a valid username
2. Enter a password containing leading and/or trailing spaces
3. Click the **Login** button

Expected Result:

- Authentication fails and an error message is displayed **or**
- System trims the password and logs in successfully (if trimming is supported)
- User remains on Login page if authentication fails

Title: Success Logout

Preconditions:

- User is on the Logged

Steps:

1. Click the Menu icon
2. Click the Logout option

Expected Result:

- Logout is performed
- Login page is displayed.

Feature: Shopping Cart

Title: Add a single product to the cart

Preconditions:

- User is logged in successfully
- User is on the Products page

Steps:

1. Click Add to cart on any product

Expected Result:

- Cart icon badge shows 1

- Product is added to the cart
-

Title: Add multiple products to the cart

Preconditions:

- User is logged in
- User is on the Products page

Steps:

1. Click Add to cart on two or more products

Expected Result:

- Cart icon badge displays the correct number of products
 - All selected products are added to the cart
-

Title: View cart with added products

Preconditions:

- User has added at least one product to the cart

Steps:

1. Click the cart icon

Expected Result:

- Cart page is displayed
 - All added products are listed correctly
-

Title: Remove product from cart

Preconditions:

- User has at least one product in the cart
- User is on the Cart page

Steps:

1. Click Remove on a product

Expected Result:

- Product is removed from the cart
 - Cart badge count is updated accordingly
-

Title: Open cart with no products

Preconditions:

- User is logged in
- No products have been added to the cart

Steps:

1. Click the cart icon

Expected Result:

- Cart page is displayed empty
 - No products are shown
-

Title: Add to cart button changes to "Remove"

Preconditions:

- User is logged in successfully
- User is on the Products page

Steps:

1. Click **Add to cart** on any product

Expected Result:

- The **Add to cart** button changes to **Remove** for the selected product
 - Cart badge count increases by 1
 - Product is successfully added to the cart
-

Title: Remove button changes back to "Add to cart"

Preconditions:

- User is logged in successfully
- At least one product is already added to the cart
- User is on the Products page

Steps:

1. Click **Remove** on a product that was previously added to the cart

Expected Result:

- The **Remove** button changes back to **Add to cart**
- Cart badge count decreases accordingly
- Product is removed from the cart