1. Test Plan - Login

The user login with *username* and *password* on the website https://www.saucedemo.com/

1.1 Test Cases

1.1.1. Login with valid credentials

Preconditions:
The user is on *https://www.saucedemo.com/* login page

Data:
Username: `standard_user`
Password: `secret_sauce`

Steps:
The user types *username* and *password* in the fields

Expected Behavior:
The user can login and should be redirect to the home page

1.1.2. Login with an empty user

Preconditions:
The user is on *https://www.saucedemo.com/* login page

Data:
Username:
Password: `secret_sauce`

Steps:
The user writes correct password but an empty username.

Expected Behavior:
An error message occurs: **Epic sadface: Username is required**
The user can't login and shouldn't be redirect to the home page

1.1.3. Login with an empty password

Preconditions:
The user is on *https://www.saucedemo.com/* login page

Data:
Username: `standard_user`
Password:

Steps:
The user writes correct username but an empty password.

Expected Behavior:
An error message occurs: **Epic sadface: Password is required**
The user can't login and shouldn't be redirect to the home page

1.1.4. Login with invalid credentials

Preconditions:
The user is on *https://www.saucedemo.com/* login page

Data:
Username: xx
Password: yy

Steps:
The user writes wrong username and password.

Expected Behavior:
An error message occurs: **Epic sadface: Username and password do not match any user in this service**
The user can't login and shouldn't be redirect to the home page

1.1.5. Login with a locked-out user

Preconditions:
The user is on *https://www.saucedemo.com/* login page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
The user writes locked out username and password

Expected Behavior:
An error message occurs: **Epic sadface: Sorry, this user has been locked out.**
The user can't login and shouldn't be redirect to the home page

2. Test Plan – Left Menu button

The left menu button has the following links:

- About
- Logout
- Reset App State

2.1 Test Cases

2.1.1 Left menu button

Preconditions:
The user is logged in with valid credentials

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on left menu bar

Expected Behavior:
The left menu bar is opened correctly and shows these following links:

- About
- Logout
- Reset App State

2.1.2 About link

Preconditions:
The user is logged in with valid credentials
The left menu bar is open

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on *About* link

Expected Behavior:
The user will be redirect on https://saucelabs.com/ about page with all the info

2.1.3 Logout link

Preconditions:
The user is logged in with valid credentials
The left menu bar is open

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on *Logout* link

Expected Behavior:
The user will be slogged out and should be redirect on login page

3. Test Plan – Home page

6 items present on the home page. Each item has the following contents:

- Imagine
- Item title

- Item description
- Price
- Add to cart button

3.1 Test Cases

3.1.1 Home page contents

Preconditions:
The user is logged in with valid credentials

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Home page contents

Expected Behavior:

There should be 6 items which should have the following content

- Imagine
- Title
- Description
- Price
- Add to cart button

3.1.2 Add to cart button

Preconditions:
The user is logged in with valid credentials

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on *Add to Cart* button

Expected Behavior:

- The button becomes red and the label should be *Remove*
- A red round badge is added on cart link with the number of the item added (1 in this case)

3.1.3 Remove button

Preconditions:
The user is logged in with valid credentials
The user added an item in the cart

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on *Remove* button

Expected Behavior:

- The button becomes black and the label should change in *Add to cart*
- With only 1 item in the cart, the red round badge shouldn't be present anymore on cart link If the items in the cart were *n*, the badge label should become *n-1*

4. Test Plan – Product Sort

The user can sort the items in the home page by name alphabetically from A to Z and viceversa and by price (from low to high and viceversa)

4.1 Test Cases

4.1.1 Product sort container

Preconditions:

- The user is logged in with valid credentials.
- The user is on the home page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:

Click on sort button up on the right corner of the home page

Expected Behavior:

The filter is open with the following items:

- Name (A to Z)
- Name (Z to A)
- Price (from low to high)
- Price (from high to low)

4.1.2 Sort by name from A to Z

Preconditions:

- The user is logged in with valid credentials.
- The user is on the home page.
- The Sort filter is open correctly

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on Name (A to Z)

Expected Behavior:

All the items in the home should be ordered by Name from A to Z

4.1.3 Sort by name from Z to A

Preconditions:

- The user is logged in with valid credentials.
- The user is on the home page.
- The Sort filter is open correctly

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on Name (Z to A)

Expected Behavior:

All the items in the home should be ordered by Name from Z to A

4.1.4 Sort by Price from low to high

Preconditions:

- The user is logged in with valid credentials.
- The user is on the home page.
- The Sort filter is open correctly

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on Price (low to high)

Expected Behavior:

All the items in the home should be ordered by price from low to high

4.1.5 Sort by Price from high to low

Preconditions:

- The user is logged in with valid credentials.
- The user is on the home page.
- The Sort filter is open correctly

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on Price (low to high)

Expected Behavior:

All the items in the home should be ordered by price from high to low

5. Test Plan – Product Details

Each product has a detail page where the user can find this information:

- Imagine of the product
- Title of the product
- Description
- Price
- Add to cart/Remove button

5.1 Test Cases

5.1.1 Product details page

Preconditions:

- The user is logged in with valid credentials.
- The user is on the home page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on product name

Expected Behavior:

The user should be redirect on the product details page which has the following information:

- Imagine of the product
- Title of the product
- Description
- Price
- Add to cart/Remove button

5.1.2 Add to cart button

Preconditions:

- The user is logged in with valid credentials.

- The user is product detail page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on Add to cart button

Expected Behavior:

- The button becomes red and the label should be *Remove*
- A red round badge is added on cart link with the number of the item added (*n*)

5.1.3 Remove button

Preconditions:
The user is logged in with valid credentials
The user is product detail page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on *Remove* button

Expected Behavior:

- The button becomes black and the label should change in *Add to cart*
- With only 1 item in the cart, the red round badge shouldn't be present anymore on cart link
  If the items in the cart were *n*, the badge label should become *n-1*

5.1.4 Back to products button

Preconditions:
The user is logged in with valid credentials
The user is product detail page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on *Back to products* button

Expected Behavior:

The user will be redirect on products page

6. Test Plan – Cart page

In the cart page the user can see the items added on his/her cart with the following details:

- Quantity
- Price
- Title and description

The user can also perform these actions

- Remove an item
- Continue to shopping
- Checkout

6.1 Test cases

6.1.1 Product details page

Preconditions:

- The user is logged in with valid credentials.
- The user added items in the cart

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on chopping cart link

Expected Behavior:
The user should be redirect on cart page

6.1.2 Check details

Preconditions:

- The user is logged in with valid credentials.
- The added items in the cart
- The user is on cart page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:

- Check if the title, the description, the price, the quantity and the imagine are correct
- Check if Continue Shopping button is present
- Check if Checkout button is present
- Check if Remove button is present

Expected Behavior:

The user should be redirect on cart page

6.1.3 Continue Shopping link

Preconditions:

- The user is logged in with valid credentials.
- The added items in the cart
- The user is on cart page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on *Continue Shopping* Button

Expected Behavior:

The user should be redirect on products page

6.1.4 Checkout page link

Preconditions:

- The user is logged in with valid credentials.
- The added items in the cart
- The user is on cart page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on *Checkout* Button

Expected Behavior:

The user should be redirect on Checkout page

6.1.5 Remove button

Preconditions:

- The user is logged in with valid credentials.
- The added items in the cart
- The user is on cart page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:
Click on *Remove* button

Expected Behavior:

- The item should be removed from cart
- The badge label should become *n-1*

7. Test Plan – Checkout page

The checkout page is divided in two steps:

- **Step 1 Your information**: the user fills the form with the information needed as first name, last name and zip/postalcode
- **Step2 Overview**: the user can check a summary report with all the information like items details, payment information, shipping information, total price

7.1 Test cases

7.1.1 Your information page

Preconditions:

- The user is logged in with valid credentials.
- The user added items in the cart
- The user clicks on checkout button

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:

- Fill the form with: First name, Last name, Zip/Postal code
- Click on *Continue* button

Expected Behavior:
The user should be redirect on checkout overview page

7.1.2 Checkout Overview page

Preconditions:

- The user is logged in with valid credentials.
- The user added items in the cart
- The user clicks on checkout button
- The user filled the form and clicks on *Continue* button

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:

- Check if the items details are correct (title, description and quantity)
- Check if the payment information is visible and correct
- Check if the shipping information is visible and correct
- Check if the price total is visible and correct
- Check if the total amount is visible and is the sum of item total price + tax
- Check if the Finish button is present clickable
- Check if Cancel button is present and clickable

Expected Behavior:
All the item checked are corrected

7.1.3 Checkout complete page

Preconditions:

- The user is logged in with valid credentials.
- The user added items in the cart
- The user clicks on checkout button
- The user filled the form and clicks on *Continue* button

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:

- Click on *Finish* button

Expected Behavior:
The user will be redirect on Checkout complete page. A message appears “Thank you for your order - Your order has been dispatched, and will arrive just as fast as the pony can get there!”
Back home button is visible and clickable

7.1.4 Back Home page

Preconditions:

- The user is logged in with valid credentials.

- The user is on checkout complete page

Data:
Username: `locked_out_user`
Password: `secret_sauce`

Steps:

- Click on *Back Home* button

Expected Behavior:
The user will be redirect on Products page. The cart should be empty