**SauceDemo (E-Commerce)**

**www.Saucedemo.com**

**Login with Username and Password**

**Prerequisites:**

* The SauceDemo website is accessible.
* The user has a valid internet connection.

**+ Acceptance Criteria:**

* As a user, I should be able to access the login page of SauceDemo.
* As a user, I will input a valid **username** from one of the following:

1- standard\_user

2- locked\_out\_user

3- problem\_user

4- performance\_glitch\_user

5- error\_user

6- visual\_user

* All users should enter the same password: **secret\_sauce.**
* If credentials are valid, the user is redirected to the **main products page**.
* If the user is locked\_out\_user, an error message should be displayed saying the user is locked out.

**+ Expected Results:**

* Successful login redirects the user to the main product list.
* locked\_out\_user should see an appropriate error and remain on the login screen.
* Invalid usernames or passwords display an error message.

**+ Dependencies:**

* Authentication logic with static user/password pairs.
* Proper error handling per user type.

**Main Page - Product List**

**+ Acceptance Criteria:**

* Upon successful login, the user is redirected to the main page.
* The page includes a list of purchasable items with:
  + Item name
  + Description
  + Price
  + "Add to Cart" button

**+ Expected Results:**

* Users can add multiple items to the cart.
* Prices should be clearly visible.

**+ Dependencies:**

* Backend service to retrieve products
* Cart service to manage items

**Main Menu Navigation**

**+ Acceptance Criteria:**

* A side menu (hamburger menu) should be available with the following options:
  + All Items
  + About
  + Logout
  + Reset App State
* **All Items** should reload the full product list.
* **About** should redirect to the company’s About page.
* **Logout** should log the user out and return to the login page.
* **Reset App State** should clear the cart and reset filters.

**+ Expected Results:**

* Users can navigate and use all options from the main menu.

**+ Dependencies:**

* Routing for each menu option
* Cart/session clearing logic for Reset App State

**Cart Functionality**

**+ Acceptance Criteria:**

* Cart should be accessible via the cart icon.
* Items added from the main page should appear here.
* Each item in the cart should show:
  + Name
  + Price
  + "Remove" button
* Users should be able to proceed to checkout from the cart.

**+ Expected Results:**

* Items reflect accurately in cart.
* Removing an item updates the total and cart view.

**+ Dependencies:**

* Cart state management (local or backend)
* UI update logic

**Checkout Process**

**+ Acceptance Criteria:**

* On checkout, the user is prompted to enter:
  + First Name
  + Last Name
  + Zip/Postal Code
* After submitting this form:
  + The user is shown a confirmation page.
  + A final summary with tax/shipping is displayed.

**+ Expected Results:**

* All fields are required; missing data prompts an error.
* Correct data proceeds to order confirmation.

**+ Dependencies:**

* Form validation
* Order summary display
* (Optional) order persistence logic

**User Stories**

1. **As a new user**, I want to log in with a username and password so I can access the shop.
2. **As a shopper**, I want to see a list of items with prices so I can browse and select products.
3. **As a user**, I want to add and remove items from my cart so I can manage what I want to buy.
4. **As a buyer**, I want to fill in my checkout information so I can place an order.
5. **As a user**, I want to reset my app state so I can clear my cart and start fresh.