

Swag labs

1. User Login & Authentication

+ Prerequisites:

- The Swag labs web application is accessible.
 - The internet is enabled.
-

+ Acceptance Criteria

- As a client user I will be able to access SauceDemo app, then enter **Username** and **Password** for authentication:
 - It is mandatory to enter both fields (Username & Password).
 - The password field must be masked so that input characters are hidden.
 - When pressing the **Login** button, the application will validate the entered credentials against the configured user database.
 - If the entered credentials are correct, the user is redirected to the **Products Page**.
 - If the username is invalid, the system displays an error message:
“Username do not match any user in this service.”
 - If the password is invalid, the system displays an error message:
“password do not match any user in this service.”
 - If the username or password is invalid, the system displays an error message:
“Username and password do not match any user in this service.”
 - If the username field is empty, the system displays:
“Username is required.”
 - If the password field is empty, the system displays:
“Password is required.”
 - If both fields are empty, the system displays:
“Username & Password are required.”
 - In case the account is locked, the system displays:
“Sorry, this user has been locked out.”

+ Expected Results

- User with valid credentials is authenticated and redirected to the **Products Page**.
- Invalid or empty credentials trigger the correct error messages.
- Locked-out users cannot log in and receive the locked-out error message.
- Password characters remain hidden during typing.

+ Dependencies

- Login screen (Username field, Password field, Login button, Error message area).
 - User database (standard users, locked-out users, problem_user, performance_glitch_user).
 - Products page (landing page after successful login).
-

2. Product Browsing & Search

+ Prerequisites:

- The Swag labs web application is accessible
 - The internet is enabled
 - The user is authenticated
-

+ Acceptance Criteria:

- As a client user, I should be able to view a list of available products with name, price, add-to-cart option and image.
 - As a client user, I can sort products (Price: Low → High, Price: High → Low, Name: A → Z, Name: Z → A).
 - As a client user, when I click on a product, I should be redirected to the Product Details page showing full info (description, price, add-to-cart option).
-

+ Expected Results:

- Products are correctly on the main page with name, price, add-to-cart option and image.
- Sorting updates displayed the product list order according to the selected sorting type.
- Clicking a product successfully opens the product details page including price, add-to-cart option, remove if it is already added.

+ Dependencies:

- User logged in with valid data (**username**:standard_user ,problem user, **password**: secret_sauce).
 - Product catalog and database must be available.
 - sorting functions should be integrated with the backend.
 - Product details page must exist for each product.
-

3. Add to Cart & Cart Management

+ Prerequisites:

- The Swag labs web application is accessible
 - The internet is enabled.
 - The user is authenticated.
-

+ Acceptance Criteria:

- As a user I will be able to add products to the cart from the Product page, the Product Details page, and the Cart page.
- As a user I will be able to remove products from the cart from the Product page, the Product Details page, and the Cart page.
- As a user I will be able to view the Cart page and see all added products with details (name, description, price, quantity, image, total price).
- As a user I will be able to update the quantity of products directly from the Cart page or from Product Details page.
- As a user I will see that the cart icon always reflects the correct number of items.
- As a User I cannot add products *Out of Stock to cart*.
- As a user when performing any action (add, remove, update) shows immediate feedback to the user (UI update)

- As a user when I am on the Cart page, there will be:
 - **CHECKOUT button** that will be Clickable only when there is at least one product in cart page to proceed with the purchase.
 - **CONTINUE SHOPPINH button** to return to the Products page.
-

+ Expected Results:

- Products can be added, removed, and updated correctly from all relevant pages.
 - Cart page always displays accurate product details.
 - Cart icon reflects the correct number of items in real time.
 - user can control of the quantity of the product.
 - checkout button can be clickable only when there are products in cart page
-

+ Dependencies:

- User logged in with valid data (**username:** standard_user ,problem_user,..... **password:** secret_sauce)to persist cart per user.
 - Product catalog must be available
 - Product details page should be available
-

4. Checkout

+ Prerequisites:

- The Swag labs web application is accessible
 - The internet is enabled
 - The user is authenticated.
-

+ Acceptance Criteria:

- As a customer I want to enter my first name, last name, and zip/postal code
So that I can proceed with the checkout process.
- Fields for First Name, Last Name, and Zip/Postal Code are displayed.
 - First Name field must contain only characters without numbers, special characters and spaces except this show error message
 - Last Name field must contain only characters without numbers, special characters and spaces except this show error message
 - Zip Code field must contain valid number depend on country and city except this show error message "Error: please enter valid zip code"
 - All fields are mandatory.
 - If any field is empty → error message is shown.
 - On valid input → clicking Continue moves to the next checkout step.
 - Cancel button returns to the cart page.

+ Expected Result

- User successfully moves to the order overview screen after providing valid details.

+ Dependencies

- User logged in with valid data (**username**:standard_user ,problem_user,.....**password**:secret_sauce).
- User must have at least one item in the cart.
- Checkout page should be accessible only when logged in.

5. Order Placement

+ Prerequisites:

- The Swag labs web application is accessible
- The internet is enabled
- The user is authenticated.

+ Acceptance Criteria

- As a customer I want to review my order details and complete payment So that I can place my order successfully.
 - Item(s) details, price, tax, and total are displayed correctly.
 - Shipping method and payment information are shown.
 - Finish button confirms the order.
 - Cancel button returns to the cart page.
-

+ Expected Result

- User sees an order confirmation page after clicking Finish.
-

+ Dependencies

- User logged in with valid data (**username**:standard_user ,problem_user,.....**password**:secret_sauce).
 - User must have completed the personal information step (Checkout Information).
 - Payment and shipping details should be retrievable by the system.
-

6. User Logout & Session Management

+ Prerequisites:

- The Swag labs web application is accessible
 - The internet is enabled
 - The user is authenticated.
-

+ Acceptance Criteria:

- As a SwagLabs user, I can log out of the application at any time by clicking the profile/avatar menu and selecting Log Out, so my session ends securely.
 - When I log out, the current session token is invalidated to prevent unauthorized reuse.
 - After logging out, if I revisit the application, I am redirected to the Login screen and must re-enter my credentials to regain access.
 - If I log in on a different device/browser, any active session on other devices/browsers is automatically terminated.
 - A “Session Timeout” occurs if there is no activity for a configurable period (e.g., 30 minutes). The user is redirected to the Login page with a message that the session expired.
 - All cached sensitive data (e.g., cart items tied to user account, personal information) is cleared from client storage upon logout or timeout.
-

+ Expected Results:

- User is fully logged out and must authenticate again to access secure areas.
 - Only the most recent active session remains valid if multi-device login is attempted.
 - Session data is cleared, ensuring no personal or order information remains visible after logout..
-

+ Dependencies:

- User logged in with valid data (**username**:standard_user ,problem_user,.....**password**:secret_sauce).
- User Profile / Account settings UI.
- Secure session storage and timeout configuration.