

Swag Labs – Sprint 1

Login Authentication

Prerequisites:

- The Swag Labs website is accessible via a supported browser.
- Internet connection is enabled.

Acceptance Criteria:

- As a client user I can access the Swag Labs login page and enter **Username** and **Password** for authentication.
- It is mandatory to enter only **valid Username values** from the pre-configured list of test users provided by Swag Labs.
 - The website will **reject any username** that is not part of the allowed list.
 - It is mandatory to enter the **correct Password** associated with the provided valid Username.
- When pressing the Login button, the website validates the provided credentials against the pre-defined dataset of usernames and passwords.

User Stories:

- **Username Field**

As a client user, I want to enter my username so that I can log in if my username is valid.

- **Password Field**

As a client user, I want to type my password in hidden format so that my credentials remain secure.

- **Login Button**

As a client user, I want to click the login button after entering my credentials so that I can access the products page.

- **Error Message**

As a client user, I want to see clear error messages when login fails so that I know how to fix my inputs.

Behavior cases:

- **Valid Username + Valid Password** → User is authenticated and redirected to the **Products page**.
- **Valid Username + Invalid Password** → Error message displayed: "Epic sadface: Username and password do not match any user in this service".
- **Invalid Username (not in list)** → Error message displayed:
"Epic sadface: Username and password do not match any user in this service".
- If the user leaves **Username** or **Password** empty and clicks **Login**, the website displays:
 - Username missing → "Epic sadface: Username is required".
 - Password missing → "Epic sadface: Password is required".

Input Validation (extra criteria):

- If the user enters any **unsupported input** in the Username field such as:
 - Random letters not in the allowed list
 - Numbers only (e.g., 12345)
 - Special characters (e.g., @#!\$%)
 - Combination of letters, numbers, or symbols (e.g., user123!)→ The website will **reject the input** and display the error message:
"Epic sadface: Username and password do not match any user in this service".
- If the user enters any **Password** other than secret_sauce, including:
 - Random text (e.g., abcd)
 - Numbers only (e.g., 12345)
 - Special characters (e.g., ! !@@)
 - Empty spaces or incomplete strings→ The website will **reject the input** and display the error message:

"Epic sadface: Username and password do not match any user in this service".

Allowed Credentials (Test Accounts):

Note: these are the standard test accounts used by Swag Labs demo site.

- standard_user / secret_sauce
- locked_out_user / secret_sauce
- problem_user / secret_sauce
- performance_glitch_user / secret_sauce

(All above users share the same test password: secret_sauce.)

UI Requirements:

- **Username field:** Text box to enter valid usernames.
- **Password field:** Password box with hidden input (masked characters).
- **Login button:** Enabled only when Username & Password fields contain input.
- **Error message section:** Appears dynamically under the login box for invalid/missing credentials.
- **Logo/Branding:** Swag Labs logo displayed at the top for identity confirmation.

Expected Results:

- A client user who enters valid credentials (one of the allowed Usernames + correct password) is redirected to the **Products page**.
 - The website records the authenticated session until the user logs out.
 - For invalid credentials, unsupported inputs, or missing fields, the website displays the relevant error message and prevents access to the Products page.

Dependencies:

- **User Data:** Pre-configured list of valid usernames and associated passwords (test dataset).

- **Products Page:** Successful login redirects the user to the Products page where shopping flows begin.
- **Browser Compatibility:** The login page must function correctly on supported browsers (Chrome, Firefox, Edge, Safari).
- **Security:** Password field must remain masked, and credentials should be transmitted securely over HTTPS.