Jules AI Assignment

1. Automated user flow testing for login

Test Cases:

1. Empty Fields
2. Invalid Id and Password
3. Invalid Email format and Password too short
4. Successful Login and Navigation

Test Script:
1. Empty Fields Scenario:
   Go to https://demo.haroldwaste.com
   Click the Submit Button
   User should be able to see 'Required' message

2. Invalid Email Id and Password Scenario:
   Go to https://demo.haroldwaste.com
   Fill 'test@automation.com' in Email
   Fill '1234567890' in Password
   Click the Submit Button
   User should be able to see 'Your email and/or password are incorrect' message

3. Invalid Email Format and Password Too Short Scenario:
   Go to https://demo.haroldwaste.com
   Fill 'test@' in Email
   Fill '123' in Password
   Click the Submit Button
   User should be able to see 'Email not valid' message
   User should be able to see 'Password too short' message

4. Invalid Email Format and Password Too Short Scenario:
   Go to https://demo.haroldwaste.com
   Fill 'qa@julesai.com' in Email
   Fill 'QaJULES2023!' in Password
   Click the Submit Button
   Users should be able to see 'Purchase & Opportunity list' as the title.
   Click the 'Purchase opportunities' tab.

Users should be able to see 'purchases?t=1' as the URL of the page.
Click the 'Lost & Cancelled purchases' tab.
Users should be able to see 'purchases?t=2' as the URL of the page.
Click the 'Closed purchases' tab.
Users should be able to see 'purchases?t=3' as the URL of the page.

Bugs and Validations:

Empty Fields:
Bug: The error message for empty fields might not be displayed correctly.
Validation: Check if the "Required" text is displayed when fields are left empty.

Invalid Id and Password:
Bug: The error message for an invalid email and password might not be displayed or might be incorrect.
Validation: Ensure the message "Your email and/or password are incorrect" is shown for invalid email and password.

Invalid Email format and Password too short:
Bug: The error message for an invalid email format and a password that is too short might not be displayed correctly.
Validation: Check if the message "Email not valid" and "Password too short" is displayed for short passwords.

Successful Login and Navigation:
Bug: The login might fail even with correct credentials.
Validation: Ensure the URL changes to ${baseURL}, which is https://demo.haroldwaste.com/, and "Purchase & Opportunity list" text is visible after a successful login.

2. XPath Writing

XPath for the input box by using the placeholder method would be :
//input[@placeholder="Enter pizza name"]

However since the element is inside the shadowDOM, which is used to encapsulate the data, we cannot use the XPath for the element directly. You can use the placeholder element by using the evaluate method on the shadowroot, and then passing the selector in it.
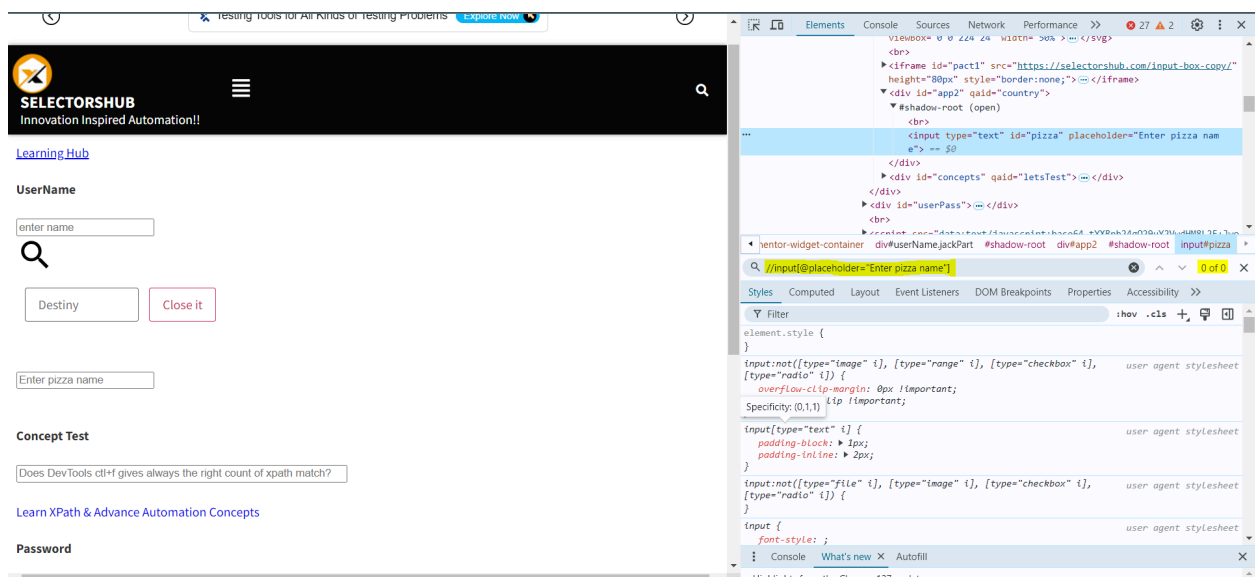
3. Screenshots

A. Screenshot of network tab:

      Go to chrome
      Go to google
      Go to developer tools (ctrl + shift + i)
      GO to network tab
      Capture a Screenshot
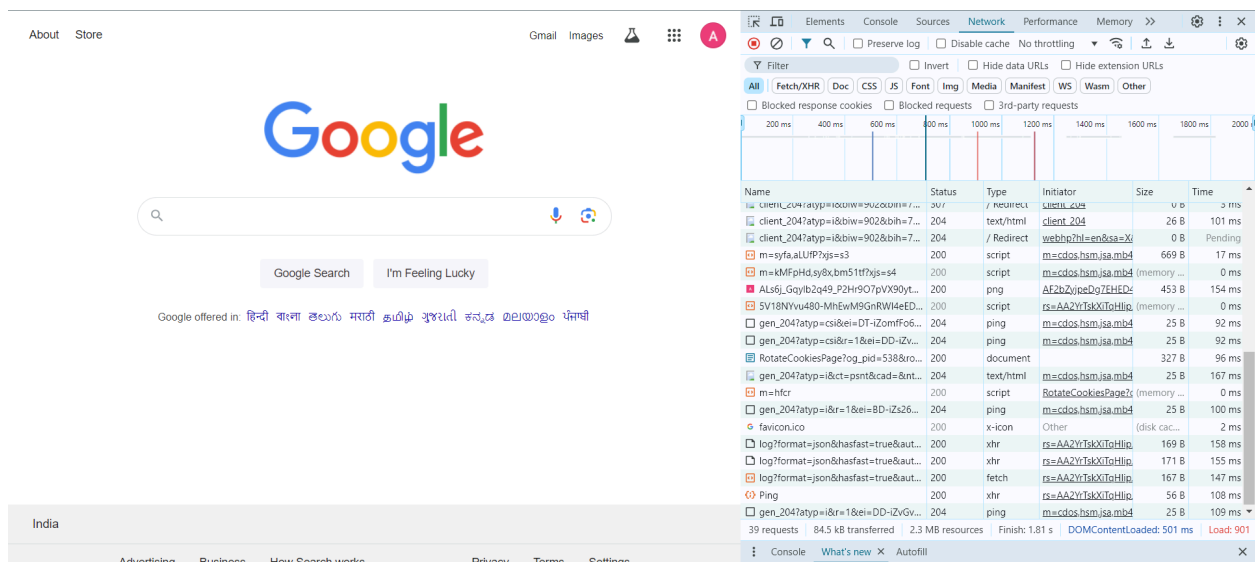
B. Screenshot of network tab:

      Go to chrome
      Go to google
      Go to developer tools (ctrl + shift + i)
      GO to network tab
      Adjust the Throttling option
      Capture a Screenshot

(No Throttling)

(Fast 4G mode)

(3G mode)