

## Home Assignment <1> Locators

### Learning Objective:

Understand how to efficiently select and interact with elements on a web page using different locator strategies (Playwright getBy, CSS, XPath)

### Assignment Details:

Create a test script that navigates to a CRM application, logs in, finds a specific lead by name or ID, edits details of the lead (such as name, email, or status), and verifies that the changes have been successfully saved.

### Precondition:

- Use a fixture to setup and teardown

### Test Steps:

#### ***Assignment: 1 Create a Lead***

1. Navigate to the url <http://leaftaps.com/opentaps/control/main>
2. Enter the username as 'Demosalesmanager'
3. Enter the password as 'crmsfa'
4. Click the Login button
5. Click CRM/SFA
6. Click Leads
7. Click Create Lead
8. Fill the Company Name
9. Fill the First Name
10. Fill the Last Name
11. Fill the Salutation
12. Fill the Title
13. Fill the Annual Revenue
14. Fill the Department
15. Fill the Phone number
16. Click Create Lead button
17. Verify the company name, first name, last name and the status
18. Get the page title

**Assignment: 2 Edit a Lead**

1. Navigate to the url <http://leaftaps.com/opentaps/control/main>
2. Enter the username as 'Demosalesmanager'
3. Enter the password as 'crmsfa'
4. Click the Login button
5. Click CRM/SFA
6. Click Leads
7. Click Find Leads
8. Enter the first name
9. Click Find Leads button
10. Click the first resulting Lead ID
11. Click Edit
12. Edit Company name
13. Edit Annual Revenue
14. Edit Department
15. Enter Description
16. Click Update
17. Verify the edited fields and print the title of the page

**Assignment: 3 Create a new Account**

1. Navigate to the url <https://login.salesforce.com/>
2. Enter username using getByLabel
3. Enter password using getByLabel
4. Click Login
5. Verify the title and url of the page using appropriate assertions
6. Click App Launcher using the class locator
7. Click View All using getByText
8. Enter 'Service' in the App Launcher Search box using getByPlaceholder
9. Click Service using index based XPath
10. Click Accounts using attribute based CSS selector
11. Click New using getByRole
12. Enter Account name using attribute based CSS selector
13. Click Save button using XPath
14. Verify the toast message displayed

**Expected Outcome:**

Understand the use of Playwright locators to find web elements to validate web page content.