Home Assignment: Automate login to salesforce

Learning Objective

To objective is to understand
- Different strategies to identify and locate elements within a web page, which are essential for automating
  interactions with that page
- Using playwright methods to interact and complete the automation objective

Average Time: 20 min

Reference:

CSS most common used strategies

- Find an element by tag name

    Syntax: tagName[attribute=value]

- Find an element by ID

    Syntax: tagName[id=value]   OR   *#idvalue*

    Hash "#" to denote id

- Find an element by class

    Syntax: tagName[class=value]   OR   *.classname*

    Dot "." to denote class

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CSS Rules for different situations

- You have a static prefix for your attribute value => tagName[attribute^='prefixVal']

- You have a static suffix for your attribute value => tagName[attribute$='suffixVal']

- You have a static substring for your attribute value => tagName[attribute*='suffixVal']

- You must combine multiple attributes to find element => tagName[attribute1='suffixVal']
  [attribute2='suffixVal']

- You need to use multiple class name with OR condition => tagName[class='classA'], tagName[class='classB']

- You need to use multiple class name with AND condition => .classA.classB

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Always Ahead

Assignment Requirements:

- Create a new test with the appropriate title as per the scenario
- Navigate to the Salesforce application (https://login.salesforce.com/)
- Locate the username input field and enter a valid email
- Locate the password input field and enter a valid password
- Locate the Log In button and click
- Click the App Launcher toggle icon on the left corner
- Click View All link
- Enter the value as Sales in the App Launcher search box

Note: Where ever you feel application is taking longer to load and your script is timing out for now you can use page.waitforTimeout() method and pass the number of milliseconds you want your script to wait. We will learn the optimized or the playwright way in the next class.

Expected Outcome:
- Gain practical experience in identifying and interacting with web elements while using fixtures for test setup and teardown.

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