

Home Assignment <3>: Leafground Button Interaction

Learning Objective:

Learn to interact with web elements using Selenium WebDriver.

Expected Completion Time:

Best Case: 15 minutes

Average Case: 20 minutes

Assignment Details:

A web page that contains various buttons. Your task is to automate interactions with these buttons using Selenium WebDriver.

Precondition:

- Initialize the WebDriver (ChromeDriver).
- Load the URL <https://leafground.com/button.xhtml>.
- Maximize the browser window.

Requirements:

- Click on the button with the text 'Click and Confirm title.'
- Verify that the title of the page is 'dashboard.'
- Check if the button with the text 'Confirm if the button is disabled' is disabled.
- Find and print the position of the button with the text 'Submit.'
- Find and print the background color of the button with the text 'Find the Save button color.'
- Find and print the height and width of the button with the text 'Find the height and width of this button.'
- Close the browser window.

Hints to Solve:

- Use Selenium WebDriver methods such as `navigate()`, `manage()`, `findElement()`, `getTitle()`, `isEnabled()`, `getLocation()`, `getCssValue()`, `getSize()`, and `close()` to perform the required actions.
- To go back to the previous page from the current page use `navigate().back()`.

Reference Links:

Verification about WebElements in Selenium - <https://www.selenium.dev/documentation/webdriver/elements/information/>

Interacting with WebElements in Selenium - <https://www.selenium.dev/documentation/webdriver/elements/interactions/>

Expected Outcome:

Upon completion, you should be able to:

- Automate interactions with web elements using Selenium WebDriver.
- Perform common tasks like clicking buttons, verifying titles, and extracting element properties.