

Automation Practical

Instructions:

Please follow the below steps for completing this practical:

1. The automated practical should be completed using Selenium WebDriver with Java.
2. Create and store your automation practical in Github using a personal account.
3. Create and name your automated test cases to match this practical.
4. Comment where necessary.
5. Please use a Page Object Model design pattern approach.
6. Once complete please share your Github practical with us.

If you require any further assistance, please do not hesitate to contact us.

Practical:

For the purpose of this practical you will be using <http://automationpractice.com/> as your application under test.

Test Cases:

1. TC1 - Navigate to <http://automationpractice.com/> perform a search and verify the first result matches your search criteria.
2. TC2 – Repeat TC1 adding the following criteria:
 - a. Store 3 search criteria in one variable separated by commas.
Example: String searchCriteria = "search1,search2,search3".
 - b. Manipulate the string and store each search criteria in an array and use a loop to perform the search and verify.
3. TC3 – Repeat TC1 again this time using a data driven approach using an external datafile such as an excel spreadsheet or text file.
4. TC4 – Sign into the website using a username and password stored as a global variable.
5. TC5 – This test case needs to have the following steps:
 - a. Add an item to shopping your cart.
 - b. View shopping cart.
 - c. Increase quantity to a desired amount.
 - d. Calculate total (unit price x quantity): You will need to create a custom method/keyword that does the following:
 - i. Accepts 2 variables "unit price, quantity".
 - ii. Calculates and returns the result.
 - e. Verify displayed total matches calculated total.
6. TC6 – Create a generic test case that uses the Navigation Menu to navigate to a certain page. This test case needs to match the following criteria:
 - a. It should cater for either hovering over or clicking the categories "Women, Dresses, T-Shirts".
 - b. If a subcategory is to be selected it should hover over the main category and select the subcategory.

- c. Use generic page objects to select the appropriate category or subcategory item.
- d. Verify the correct page has loaded.