**Automation Practical**

**Instructions:**

Please follow the below steps for completing this practical:

1. The automated practical should be completed using Cypress with Javascript.
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 [(rahulshettyacademy.com)](https://rahulshettyacademy.com/seleniumPractise/#/) as your application under test.

1.Navigate to the Practice section <https://rahulshettyacademy.com/seleniumPractise/#/> this is the section of focus.

**Test Cases:**

1. TC1 - Navigate to  https://rahulshettyacademy.com/seleniumPractise/#/ perform a search and verify the first result matches your search criteria.
2. TC2 – Repeat TC1 adding the following criteria:
   * 1. 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. TC5 – This test case needs to have the following steps:
   * 1. Add an item to shopping your cart.
     2. View shopping cart.
     3. Increase quantity to a desired amount.
     4. Calculate total (unit price x quantity): You will need to create a custom method/keyword that does the following:
        1. Accepts 2 variables "unit price, quantity".
        2. Calculates and returns the result.

e. Verify displayed total matches calculated total.

1. TC6 – Place an Order
   1. Verify Product name.
   2. Verify Quantity
   3. Verify Price
   4. Verify total.

**Manual Testing Section**

Use this section of the website to build your Test artefacts.

[**https://rahulshettyacademy.com/seleniumPractise/#/**](https://rahulshettyacademy.com/seleniumPractise/#/)

1. Build a Test Plan on how you plan on testing this section of the website.
2. Build a suit of Test Cases
3. Select Test Cases that are fit for Test Automation
4. Execute the Test cases give evidence and supporting Test execution metrics.
5. With all the evidence gathered do a Test Closure report