

## **QEIII Technical Task**

### **Exercise 1: Bug reporting**

Go to <https://www.sciencedirect.com/browse/journals-and-books> and write bug reports for a few of the bugs that you find.

### **Exercise 2: Manual Test cases**

Go to <https://www.scopus.com/sources.uri?zone=TopNavBar&origin=searchbasic> and write a few manual test cases (sets of steps) for the filtering functionality.

### **Exercise 3: Automating UI**

Create an E2E test that comprises the steps below:

- Login to <https://www.saucedemo.com/> using the "standard\_user" account
- Sort the products by Price (high to low)
- Add the cheapest & the 2nd costliest products to your basket
- Open the basket
- Checkout
- Enter details and Finish the purchase

What we are expecting:

- Using best practices write a Test framework that can test the above user journey
- Use Java or any OOP language and Selenium/WebDriverIO
- We don't expect every single aspect of the journey to be thoroughly tested, but would expect to see scenario without glue code in such cases
- A readme file explaining the framework briefly and how to run the tests
- Pushed to GitHub or BitBucket

### **Exercise 4: Automating a WebService**

Given the following API REST Service: <https://petstore.swagger.io/>

Endpoint for Test: v2/pet/findByStatus

- Explain the process of how you would approach the task of automating this service.
- What test cases would you cover?
- What libraries would you use?

What we are expecting:

- The above solution in the same readme file as for Exercise 3 pushed to GitHub or BitBucket