

This automation framework is constructed entirely using the following

- Java
- Selenium
- Junit
- Testng
- Cucumber
- Eclipse Ide

The automation framework in a page object model POM style with cucumber.

There are in total 7 testing scenarios, all written in 1 cucumber feature file.

The 7 scenarios are :

- 1 Test - Wrong data provision On Practice Form
- 2 Test - Correct data provision On Practice Form
- 3 Test - To verify Alert button
- 4 Test - To verify Hovering over
- 5 Test - To verify Drag and drop
- 6 Test - To verify Small modal
- 7 Test - To verify Date calculation and selection

The entire automation process shall take around 4 minutes to run, dependable on the systems and the network speed.

!! Note when you are on the “Correct data provision On Practice Form” test, this shows a table at the end with the input data, the table shall stay for around 20 seconds on the screen before it closes as it is verifying in the ide whether the correct data is getting displayed by doing multiple assertions.

### **To make the project work please ensure that**

- 1 - Use eclipse Ide preferably
- 2 - That the following things as .jar files are added in the project if not added  
"selenium", "testng", "junit", "cucumber".

This is using the pom.xml file and ensure these dependencies are downloaded (if those are not downloaded in your system).

In eclipse simply opening the pom file and pressing ctrl + s shall be able to download the dependencies, if that doesn't work then manually right click the pom.xml file – Maven – Update Project – Select the project and click Ok

To run the project open the runner file TestRunner.java and you can either run it as a Junit or TestNg execution session.

If it is run using Junit then this shall produce an interactive test execution report

**ExtendedReport.html** in the following location

CucumberFramework\_UsingJUnitMvnExecution-main\target\cucumber-reports

If it is run using TestNg then this shall produce an interactive test execution report **index.html** in the following location

CucumberFramework\_UsingJUnitMvnExecution-main\target\cucumber-html-reports