HTML Report Generation for SoapUI XML Execution
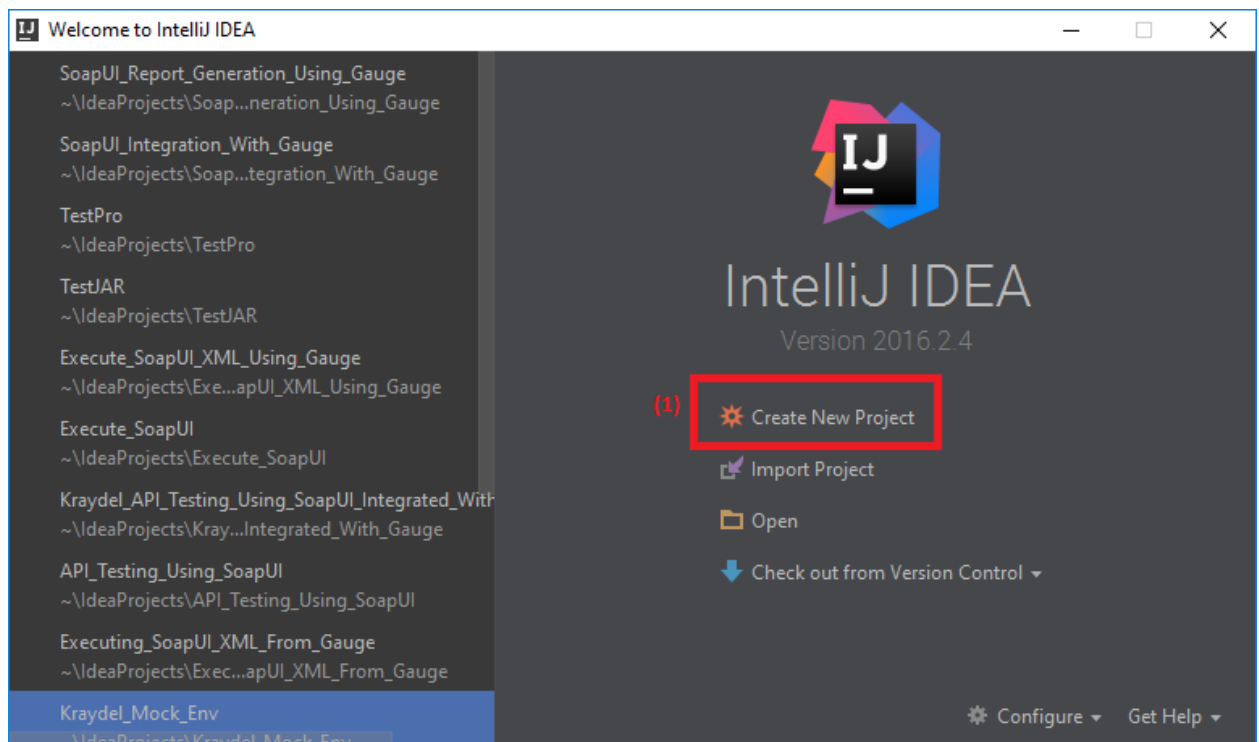
Pre Requirements:

1) IntelliJ IDEA Community Edition.
2) Gauge and Java Language Runner.
3) HTML Report Plugin (Please refer "Installing Gauge and IntelliJ IDEA Community Edition" documentation for further knowledge)
4) Apache Maven
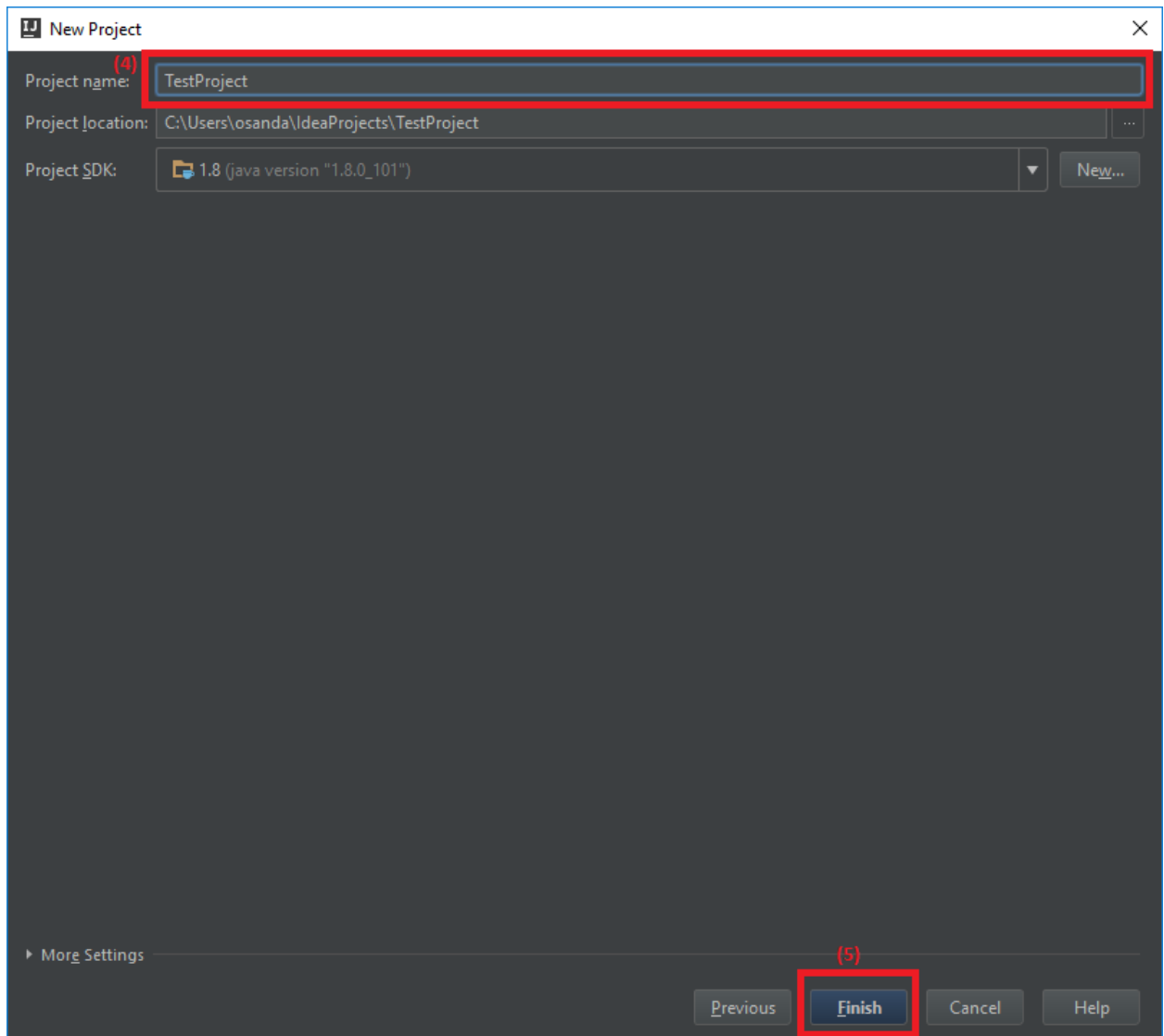5) SoapUI Free Version (v4.5.1 or above)

Getting Started:

1) Open IntelliJ IDEA Community Edition and Click "Create New Project"
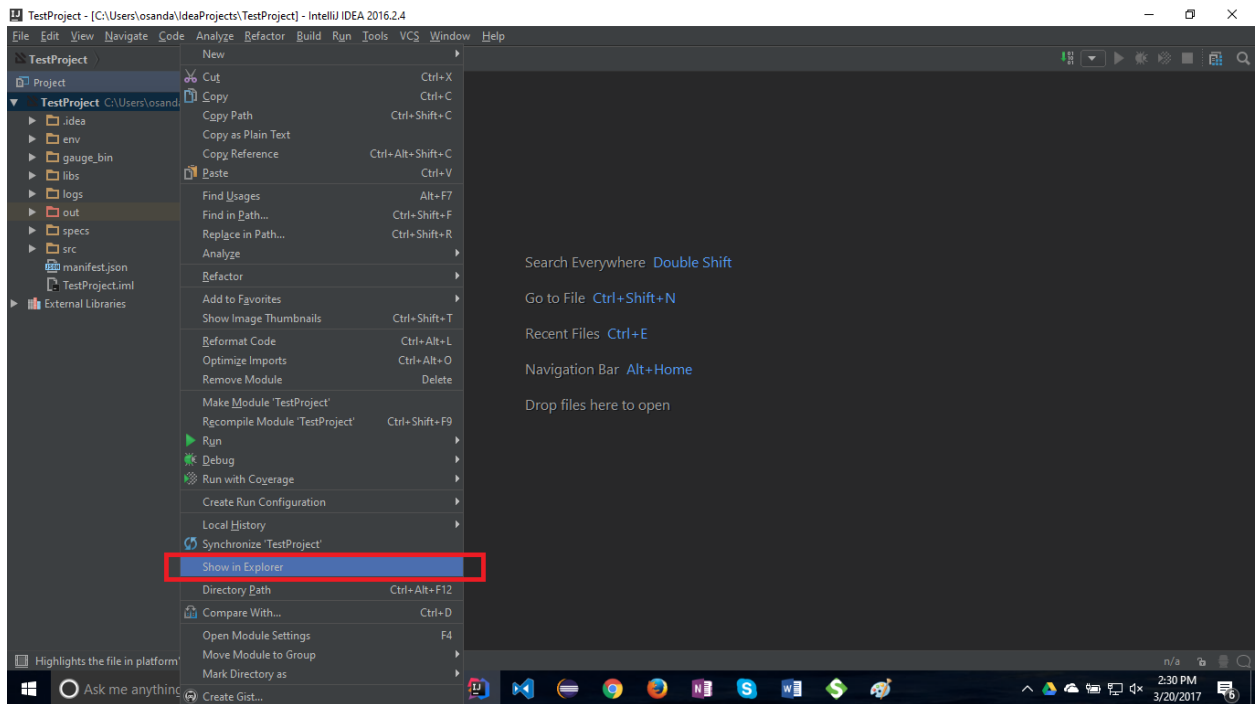
2) Select "Gauge" and Click "Next" button
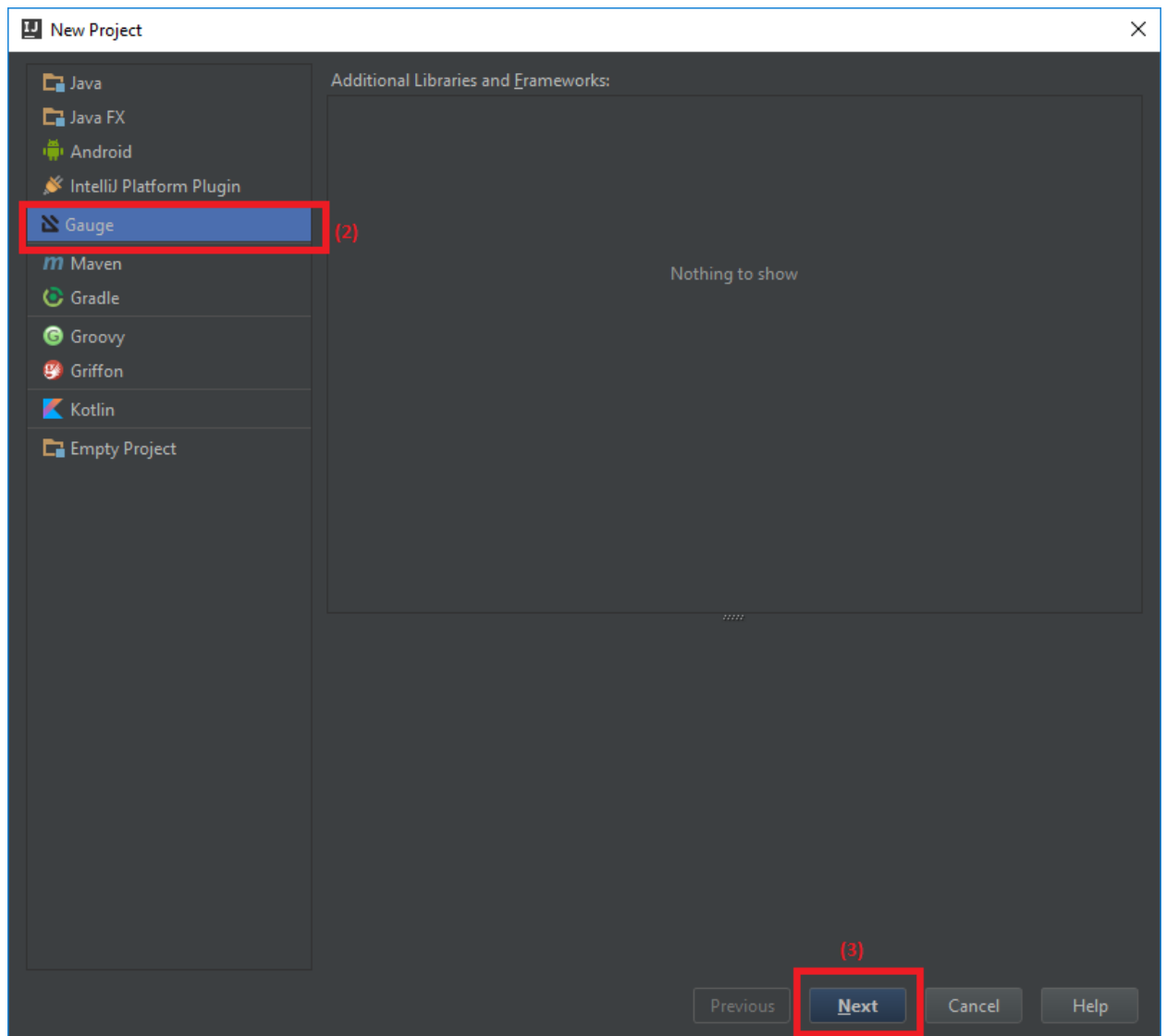
3) Enter a name for the project and Click "Finish" button

4) Download the "pom.xml" from here

5) Copy that "pom.xml" file
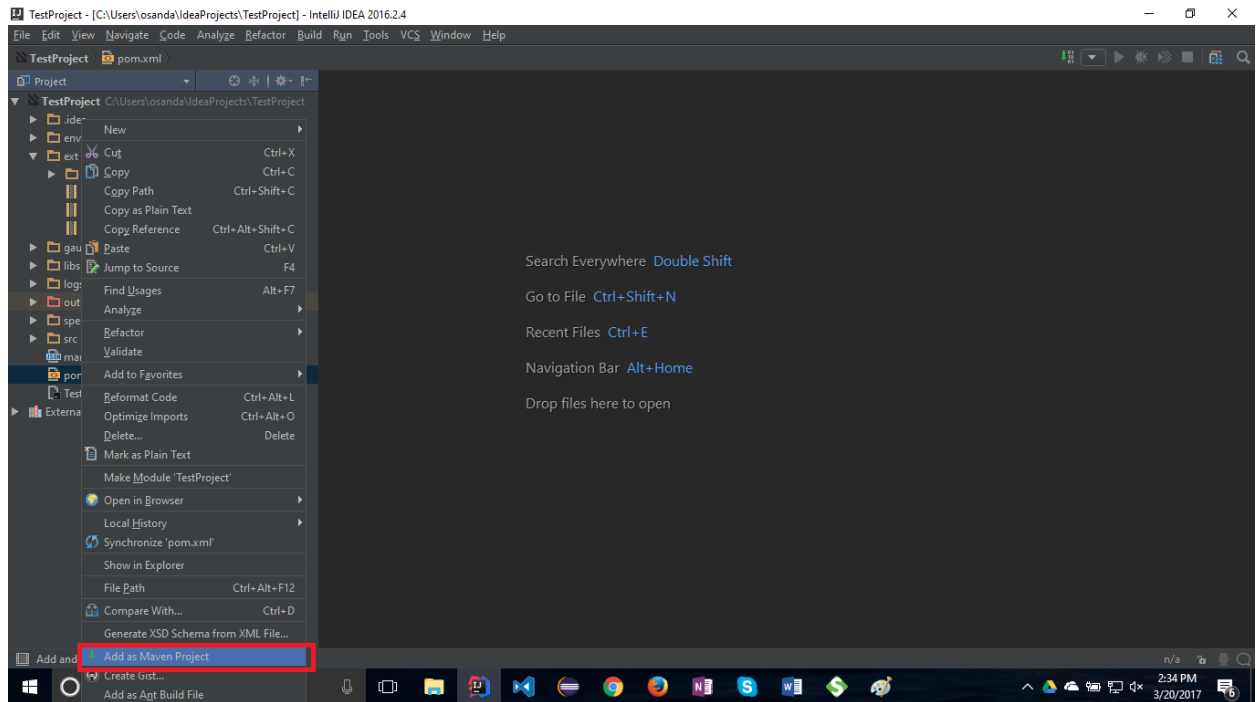
6) Open your project in "Windows Explorer"

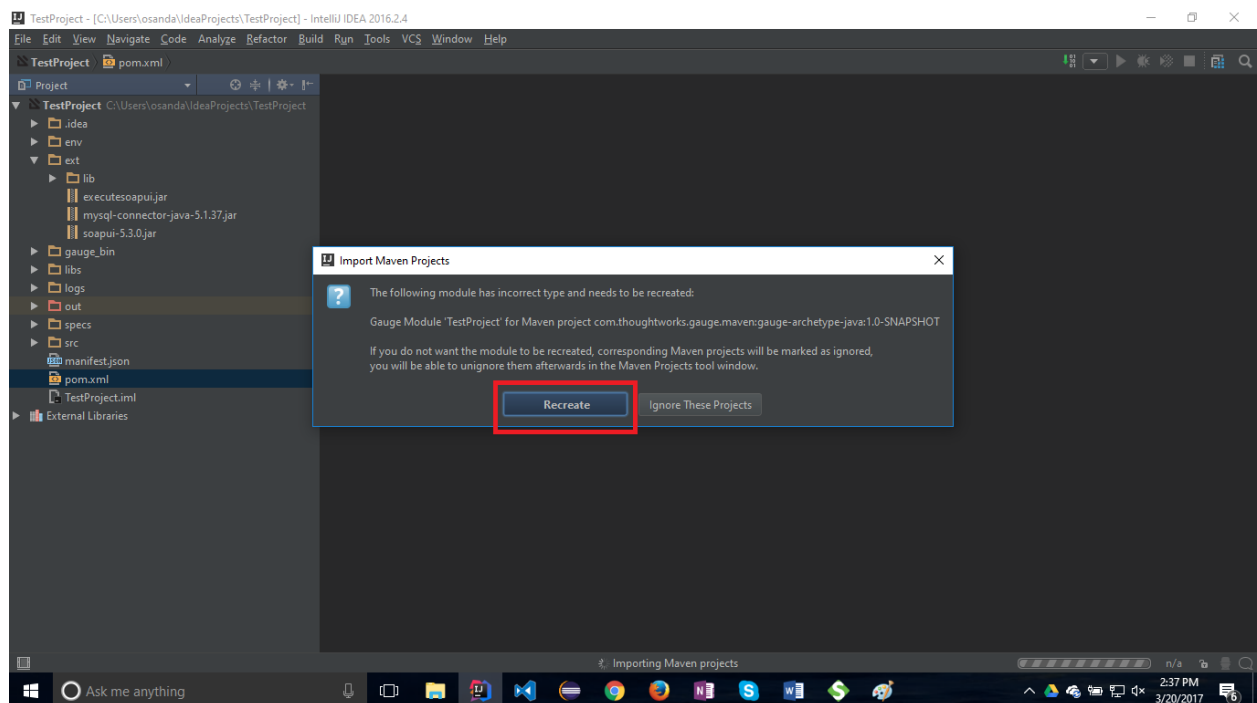7) Go inside the project "TestProject"

8) Paste the "pom.xml" into this location

9) Go to IntelliJ IDEA IDE

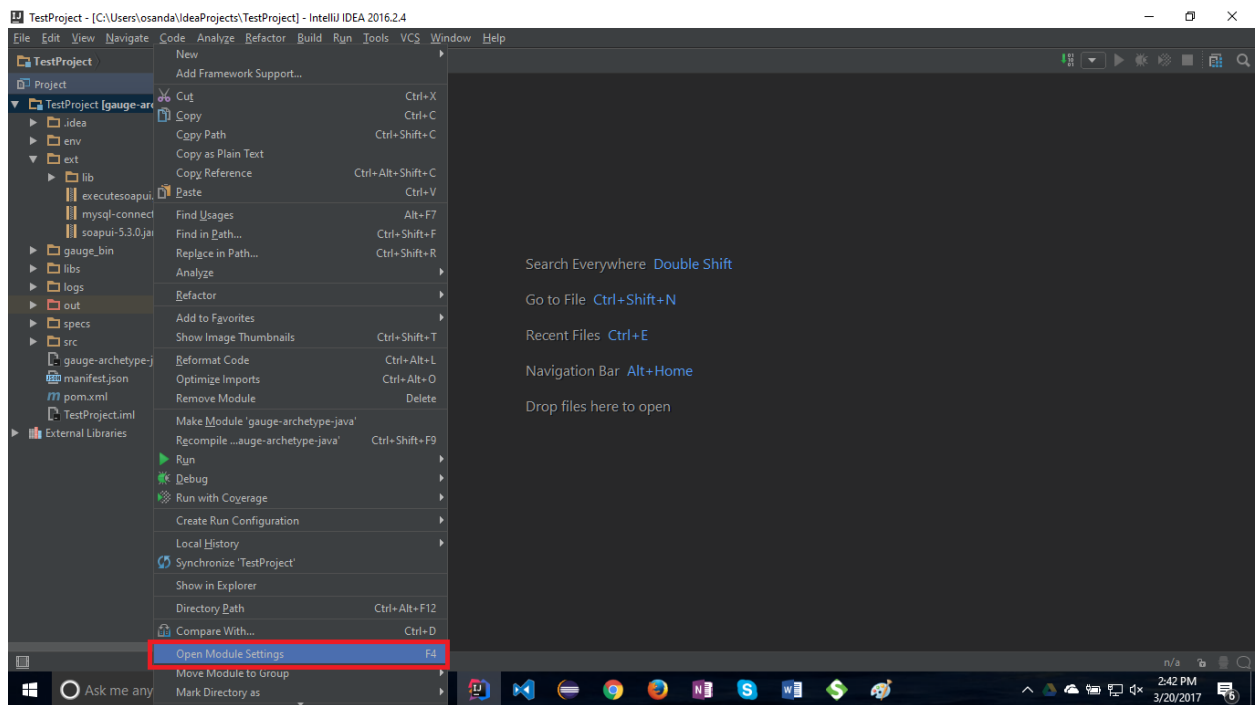10) Right Click on "pom.xml" and click "Add as Maven Project"

11) Click "Recreate" button

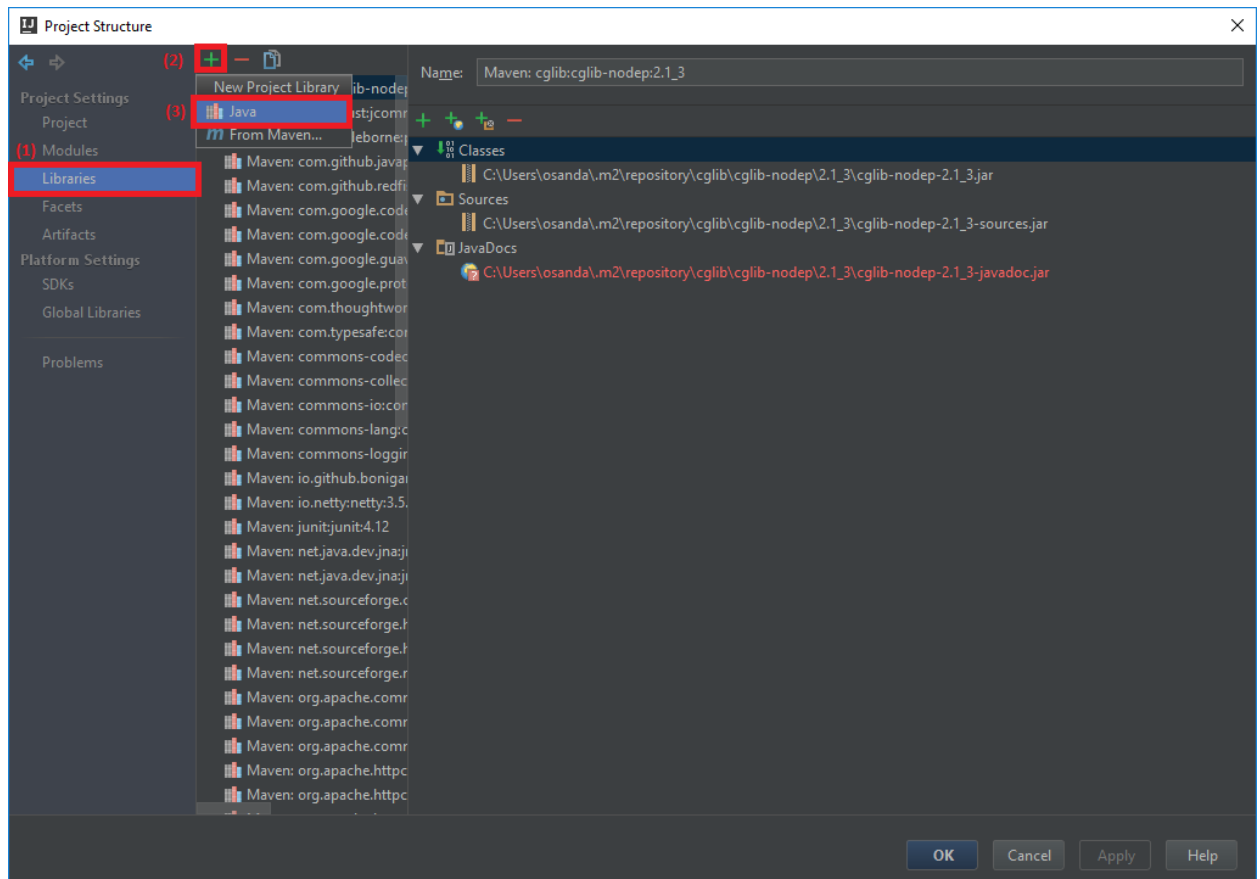12) Again Right Click on pom.xml and click "Add as Maven Project"

13) Download this JAR file from here

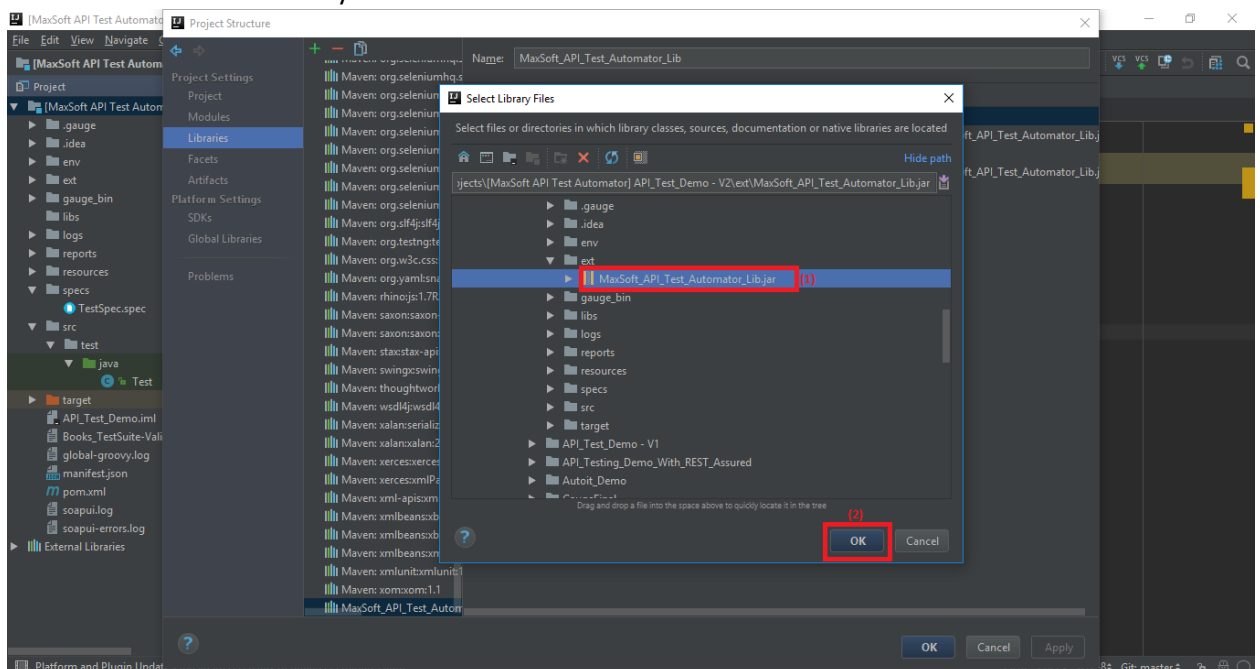14) Right Click on "TestProject" and click "Open Module Settings"

15) Select "Libraries" from the left section

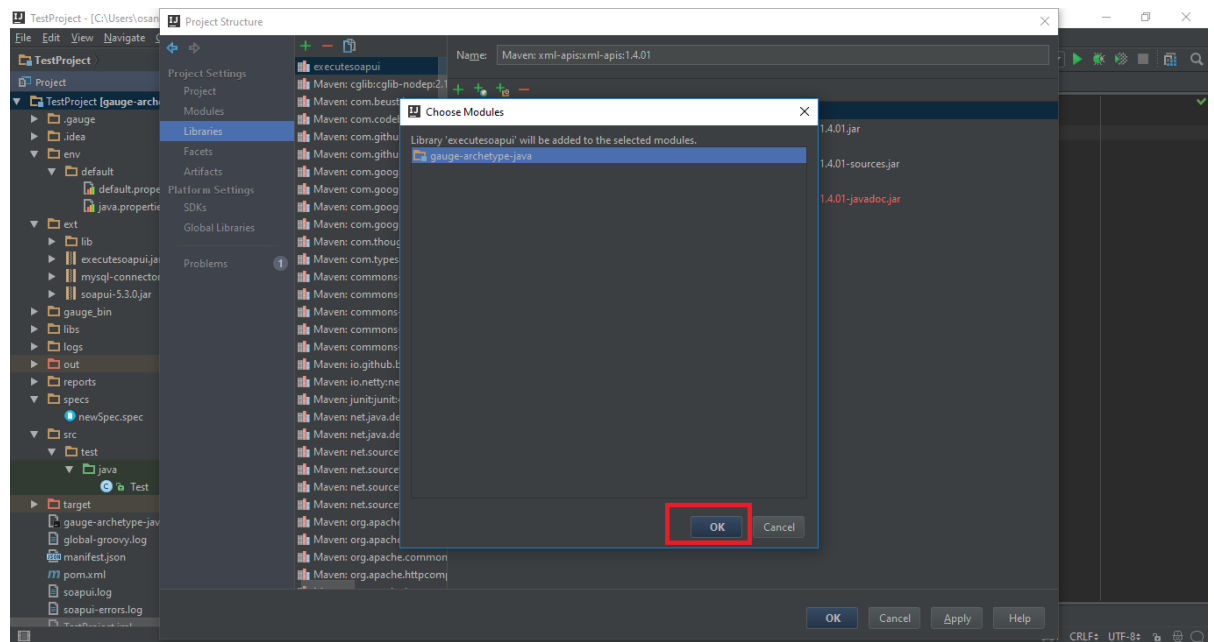16) Click on the "**+**" from the top of the window and click "Java"

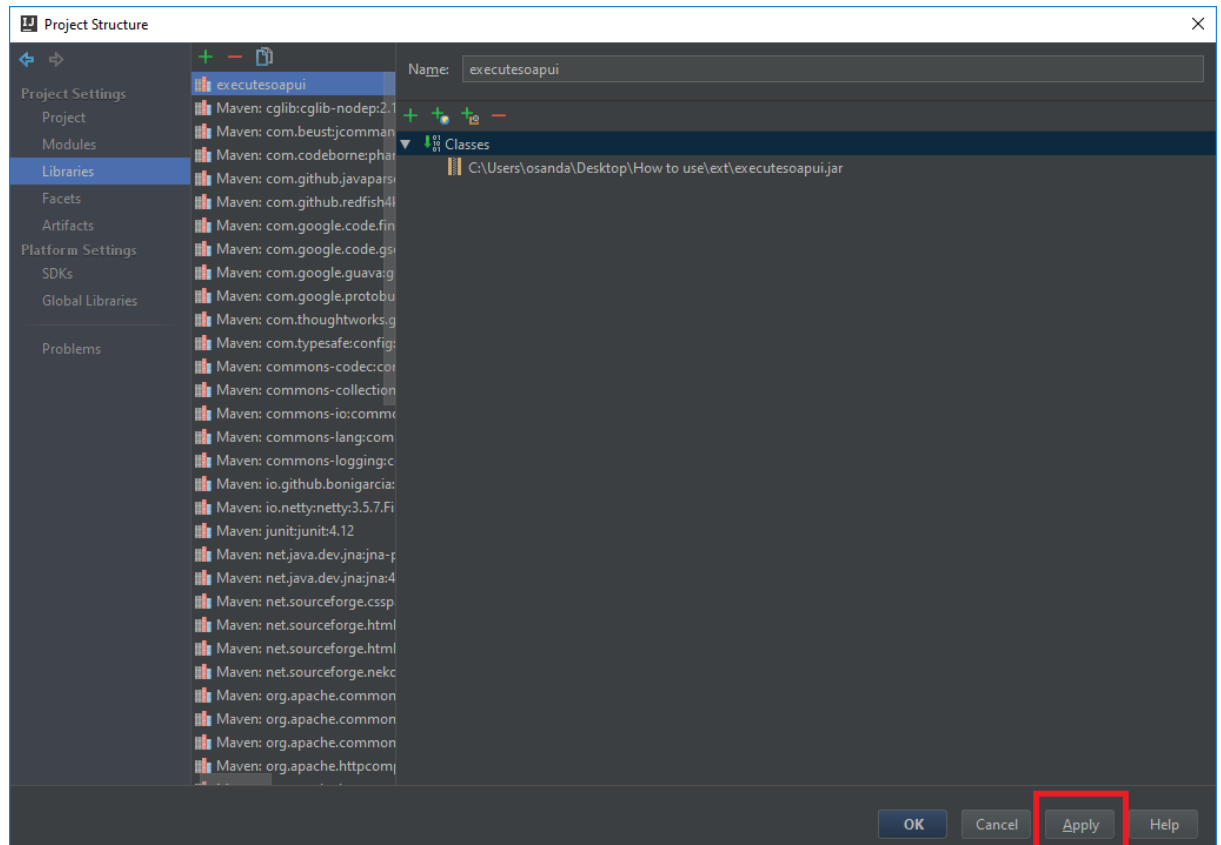17) Browse to the folder which you have downloaded the JAR file
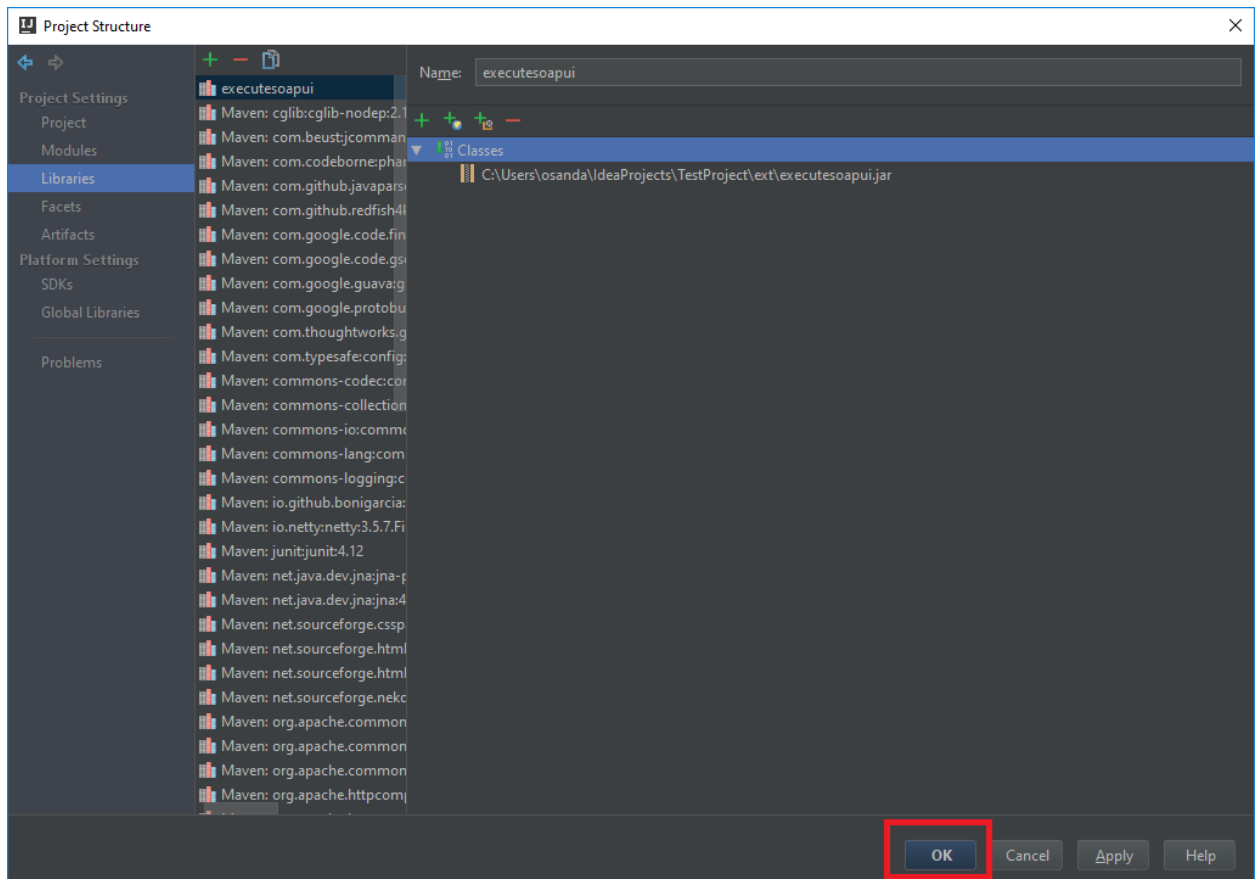
18) Click Ok

19) Click Ok

20) Click "Apply" button

21) Click "Ok" button

22) Expand "src" folder on "TestProject" and delete the "StepImplementation.Java" file

23) Right click on "java" folder and add a new Java class

24) In that Java file, add following code snippet

```java
import com.osanda.ExecuteSoapUIAnyTestCase;
import com.thoughtworks.gauge.Step;

/**
 * Created by Osanda on 3/20/2017.
 */
public class Test {
    @Step("Execute <testCase> of <testSuite>")
    public void testm(String testCase, String testSuite) throws Exception {
        ExecuteSoapUIAnyTestCase executeSoapUIAnyTestCase = new
ExecuteSoapUIAnyTestCase();
        executeSoapUIAnyTestCase.executeSpecificTestCase(testCase, testSuite);
    }
}
```

25) Expand "env" folder on "TestProject" and open "default.properties" file

26) Add following properties and value **SoapUI XML File Location**

```
soapui_xml_path = resources\\GoogleBooks.xml

visibility_of_number_of_test_steps = true
visibility_of_test_step_name = true
visibility_of_request = true
visibility_of_response = true
visibility_of_assertions = true
visibility_of_test_step_execution_result = true
visibility_of_test_step_execution_time = true
visibility_of_end_point = false
```
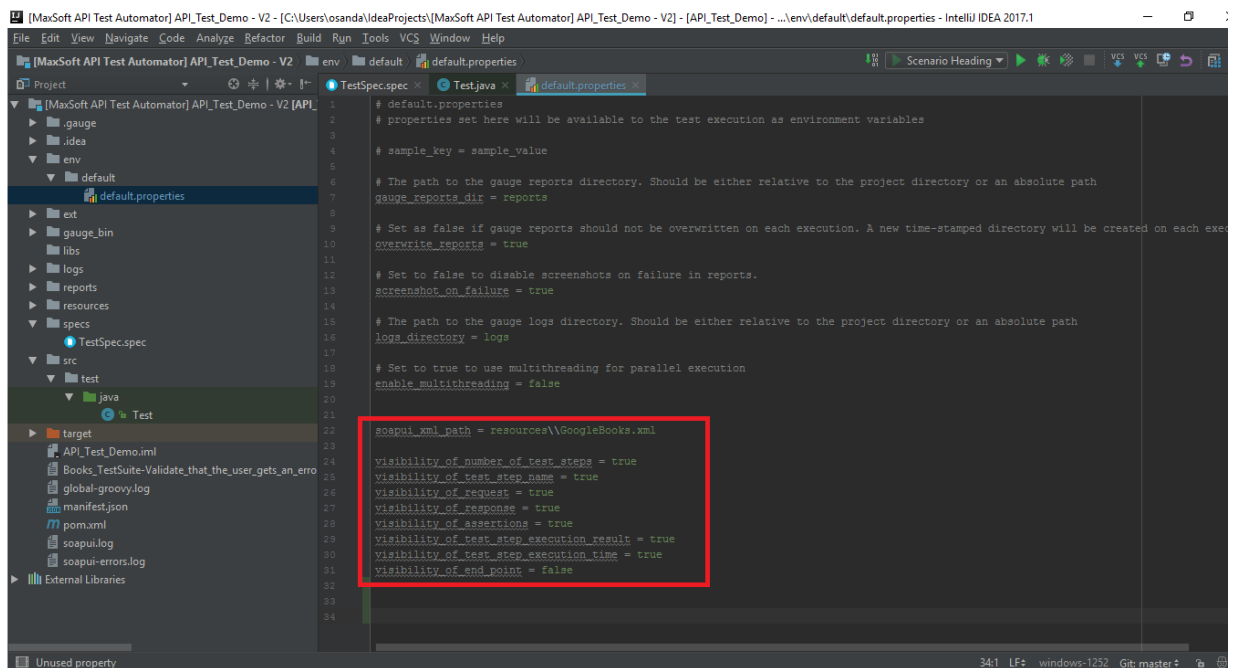
27) Expand "specs" folder on "TestProject" and delete the "example.spec" file

28) Right click on "spec" folder and add a new Specification

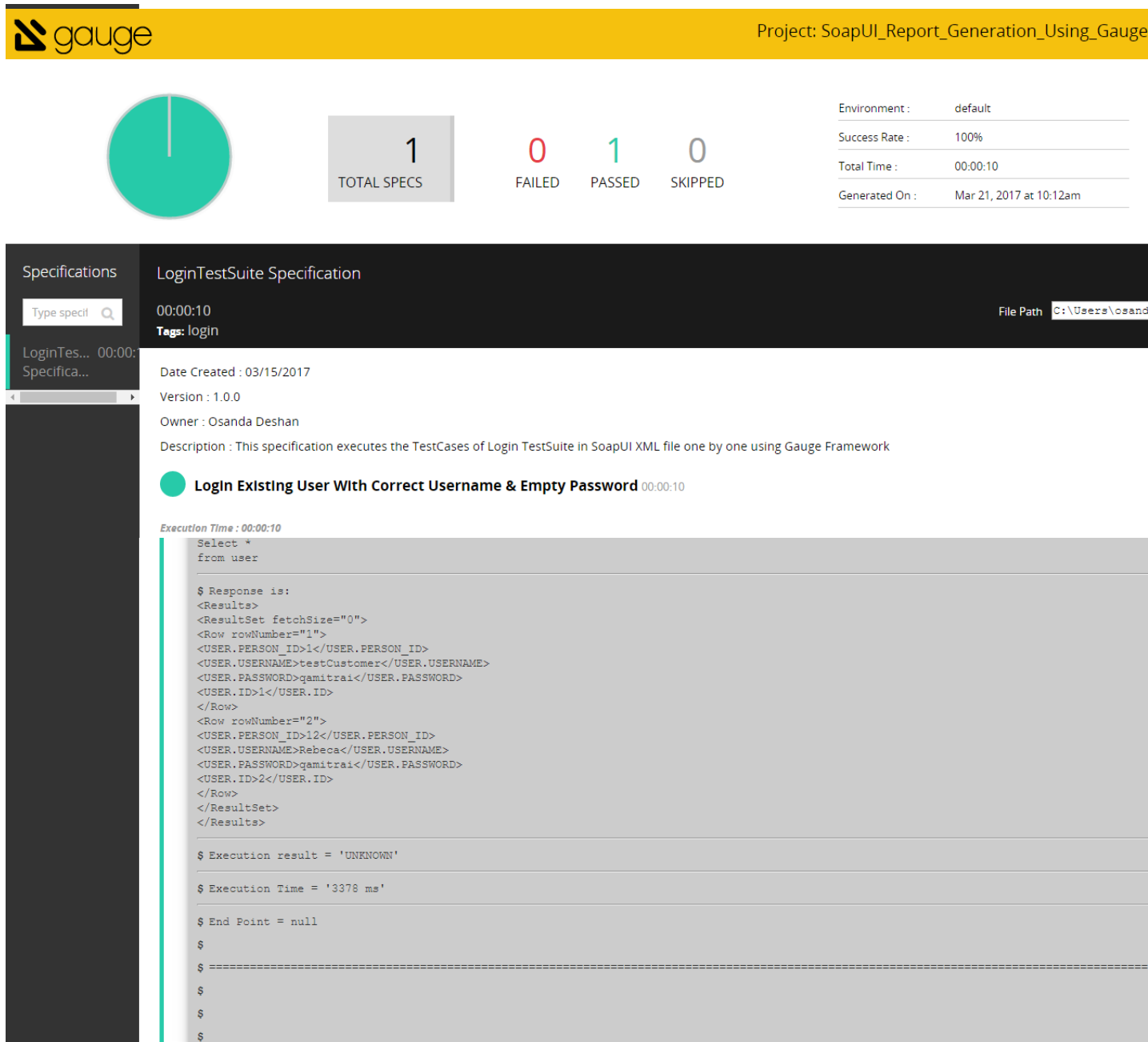29) In that Specification file, add following lines

SoapUI TestSuite Name

SoapUI TestCase Name

30) Right click on the specification and click "Run 'your_spec.spec'"
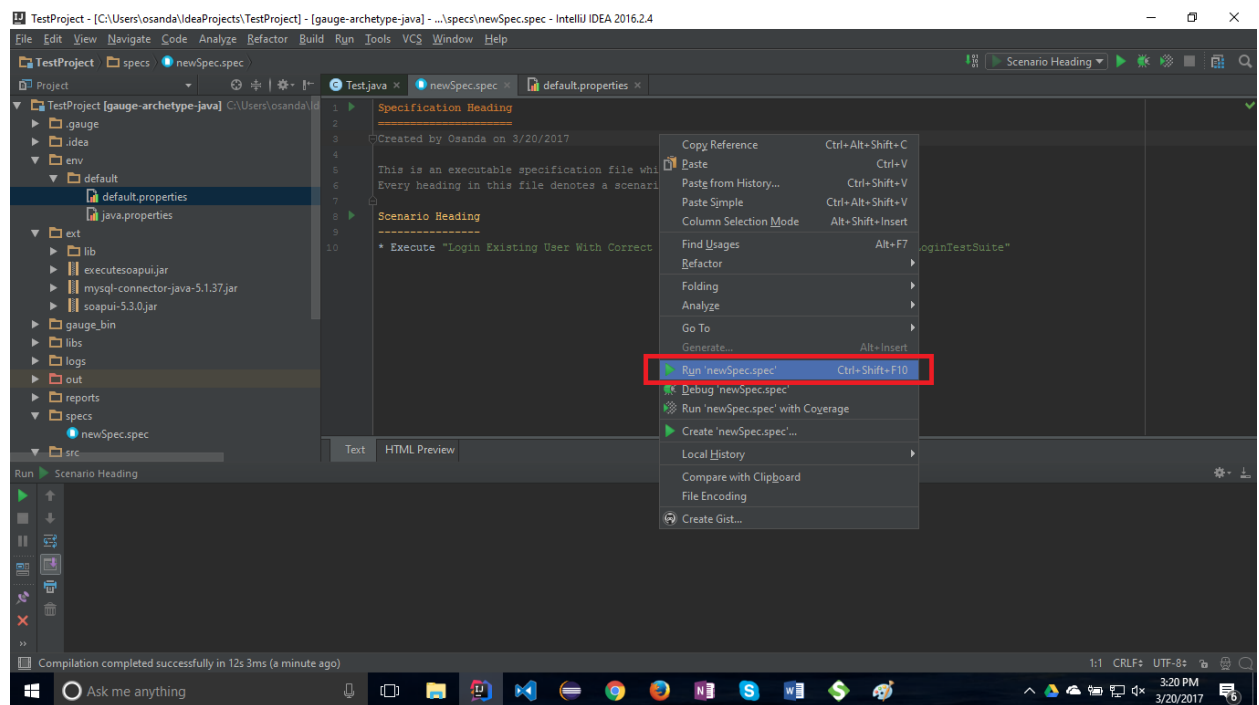
31) Below is a sample of a HTML report generated

Date Created   : 03/20/2017

Version   : 1.1.0

Owner   : Osanda Deshan <onimalarathna@mitrai.com>

Description   : HTML Report Generation for SoapUI XML Execution