

# HTML Report Generation for SoapUI XML Execution

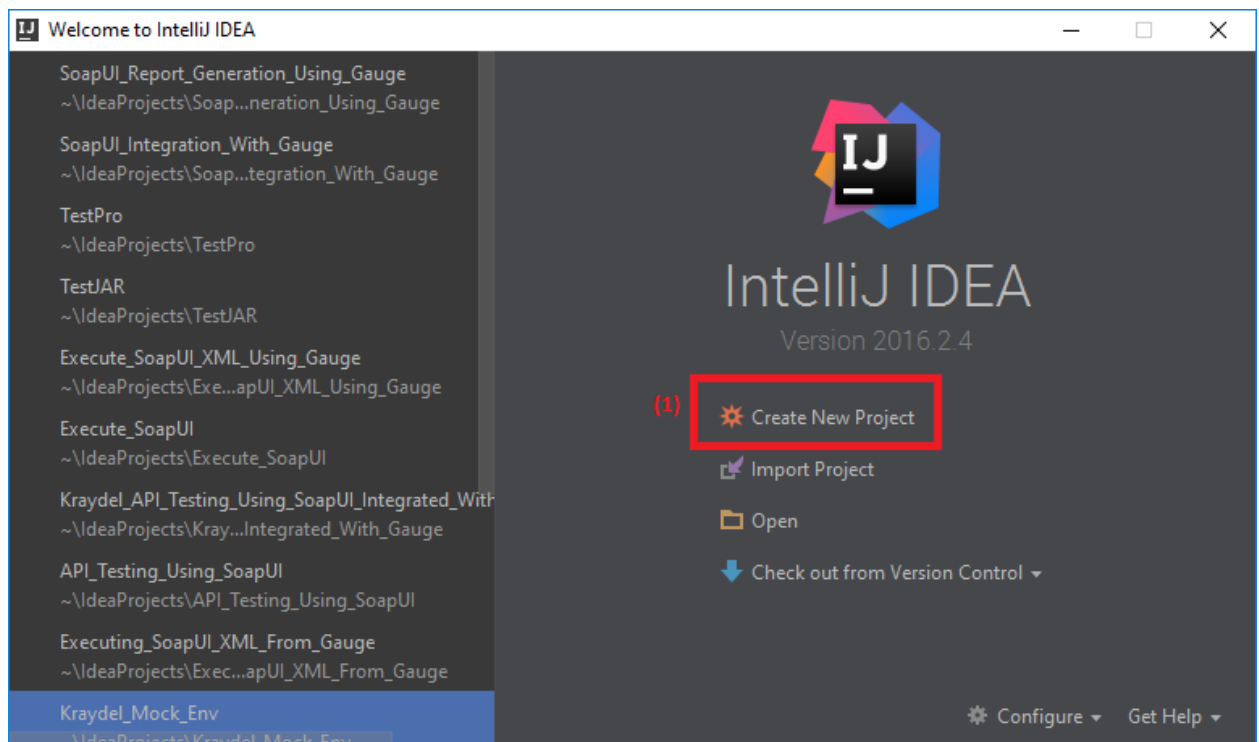
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## Pre Requirements:

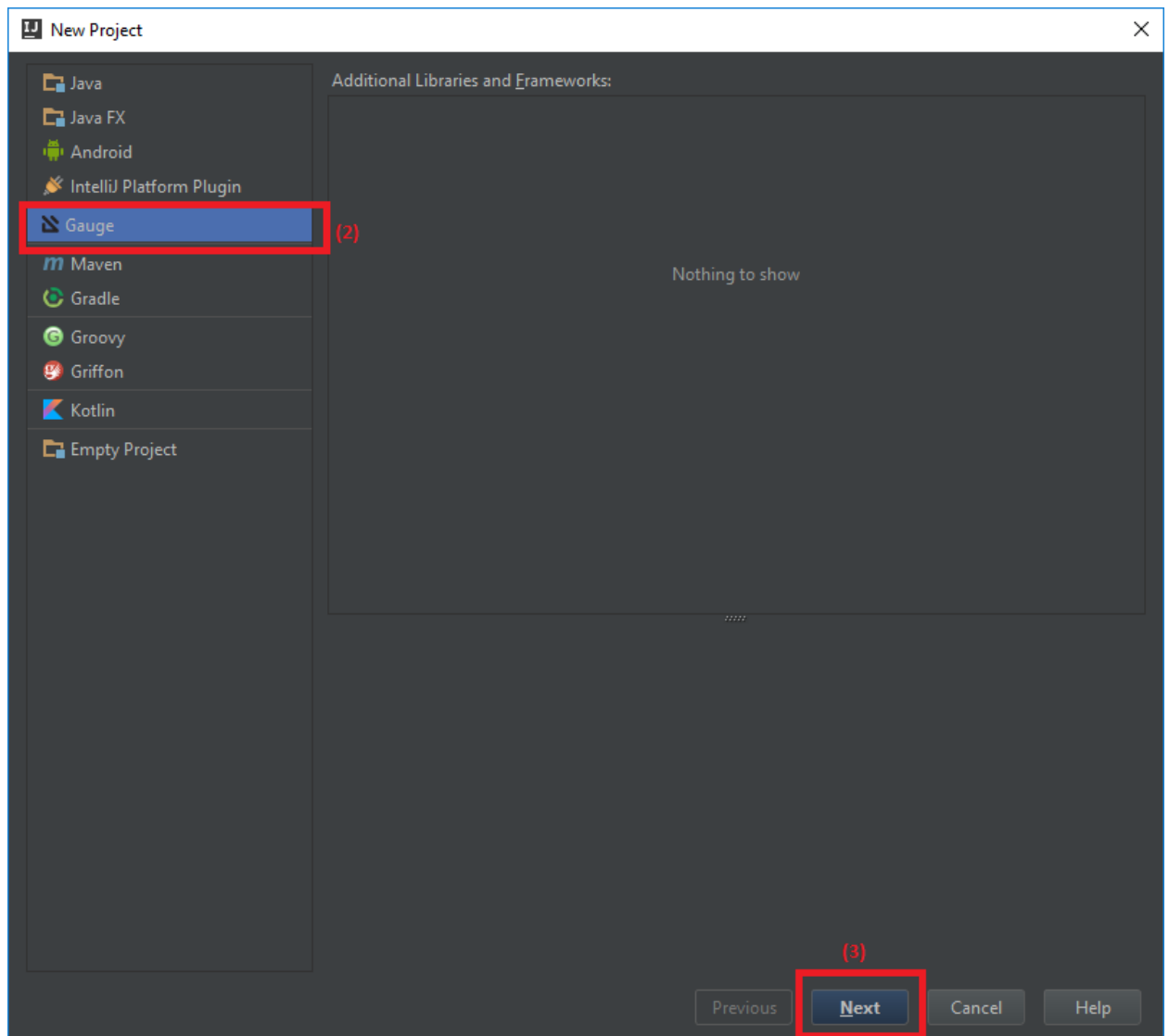
- 1) IntelliJ IDEA Community Edition.
- 2) Gauge and Java Language Runner.
- 3) HTML Report Plugin (Please refer “Installing Gauge and IntelliJ IDEA Community Edition” documentation for further knowledge)
- 4) Apache Maven
- 5) SoapUI Free Version (v4.5.1 or above)

## Getting Started:

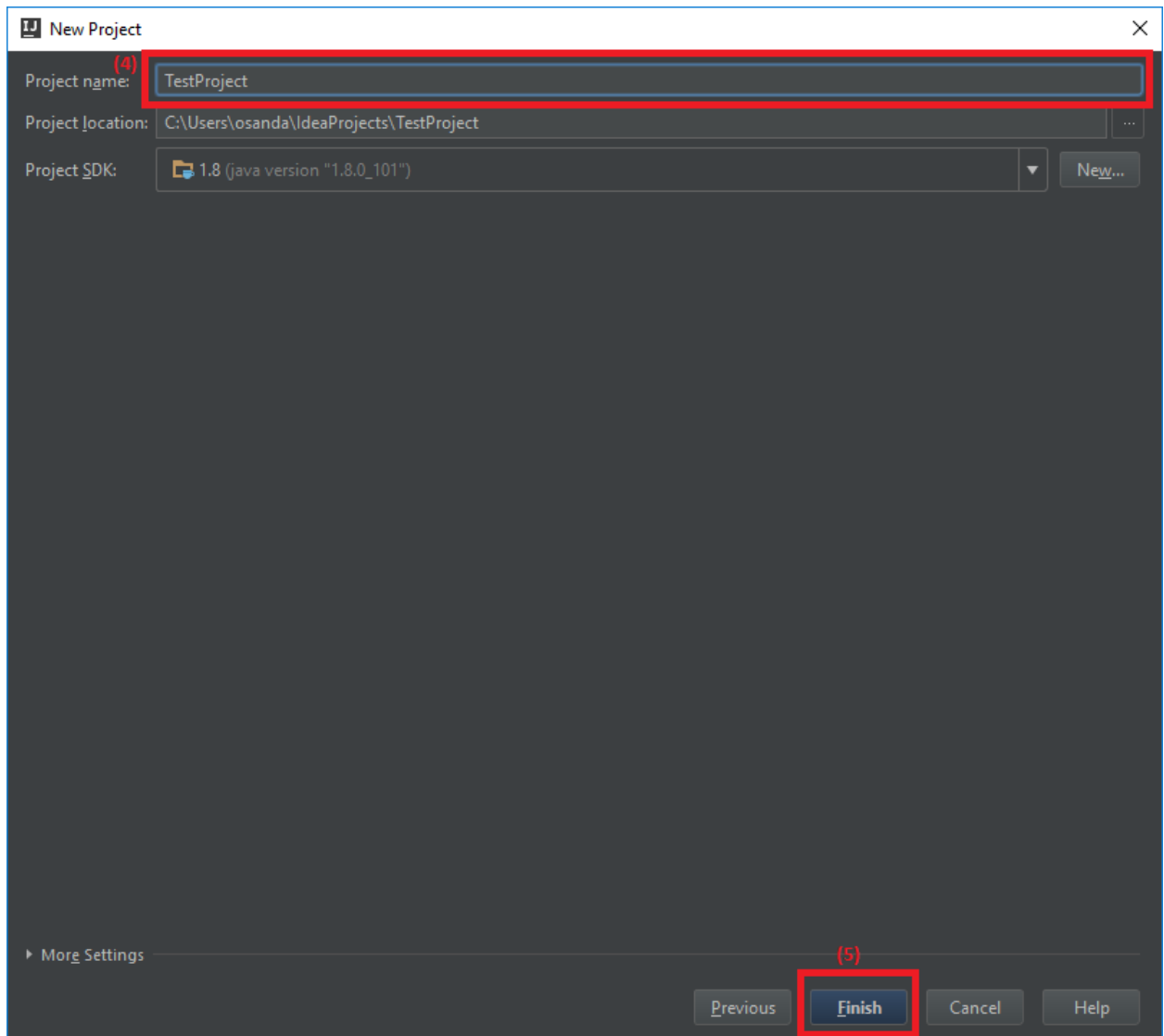
- 1) Open IntelliJ IDEA Community Edition and Click “Create New Project”



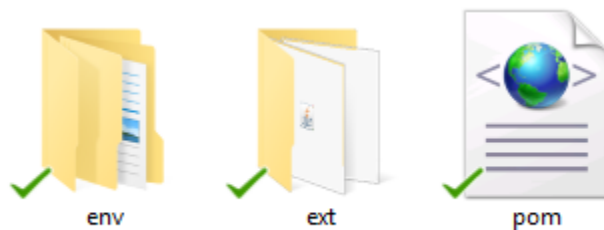
2) Select “Gauge” and Click “Next” button



- 3) Enter a name for the project and Click “Finish” button

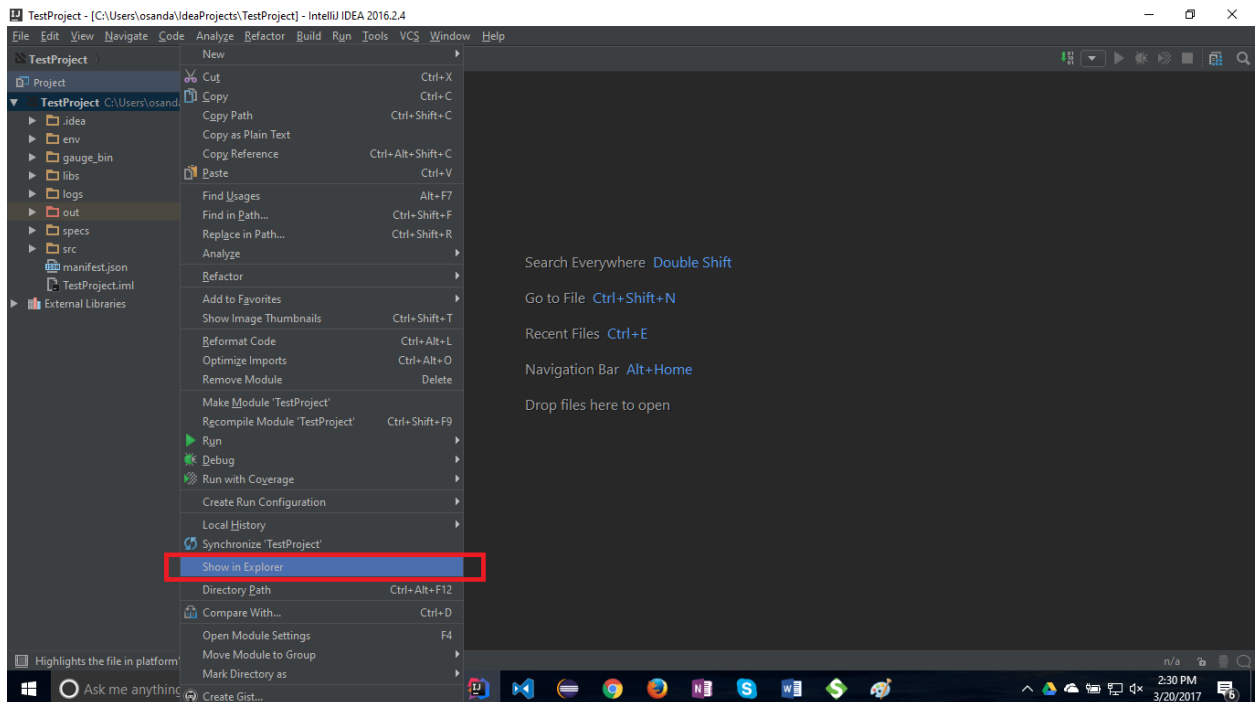


- 4) Download this RAR from [here](#)  
5) Extract it  
6) Please verify you have following folders in the extracted folder



- 7) Copy these two folders and pom.xml file

8) Open your project in “Windows Explorer”

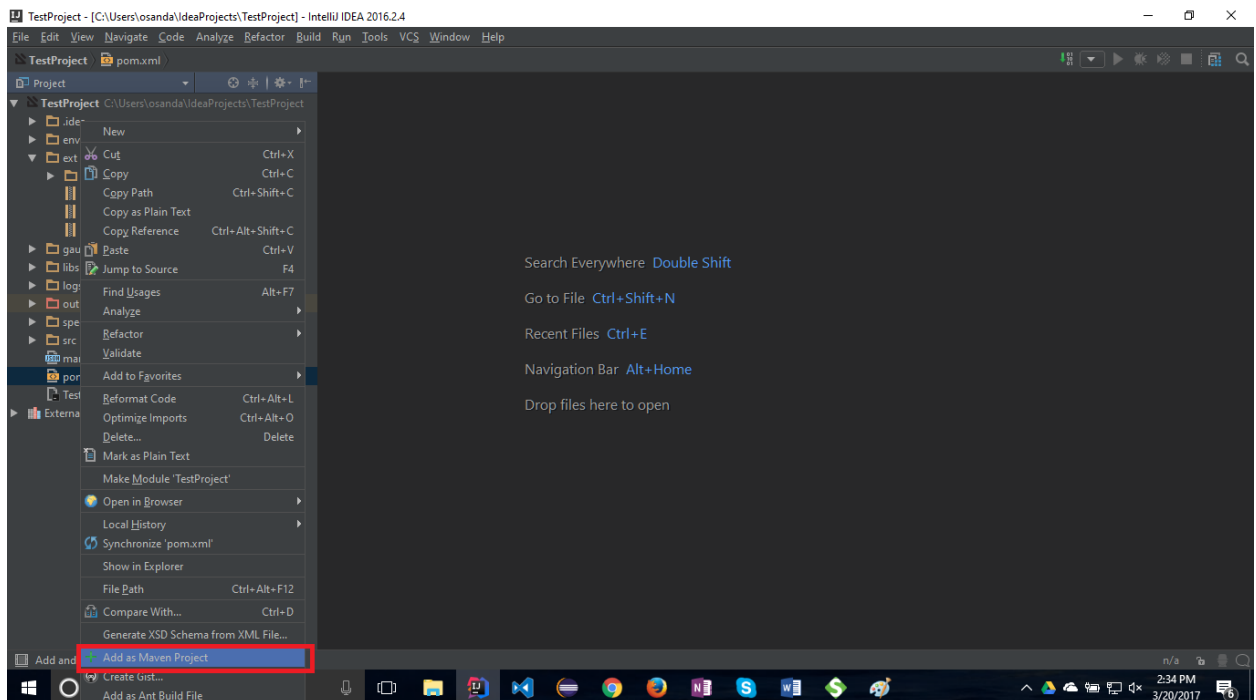


9) Go inside the project “TestProject”

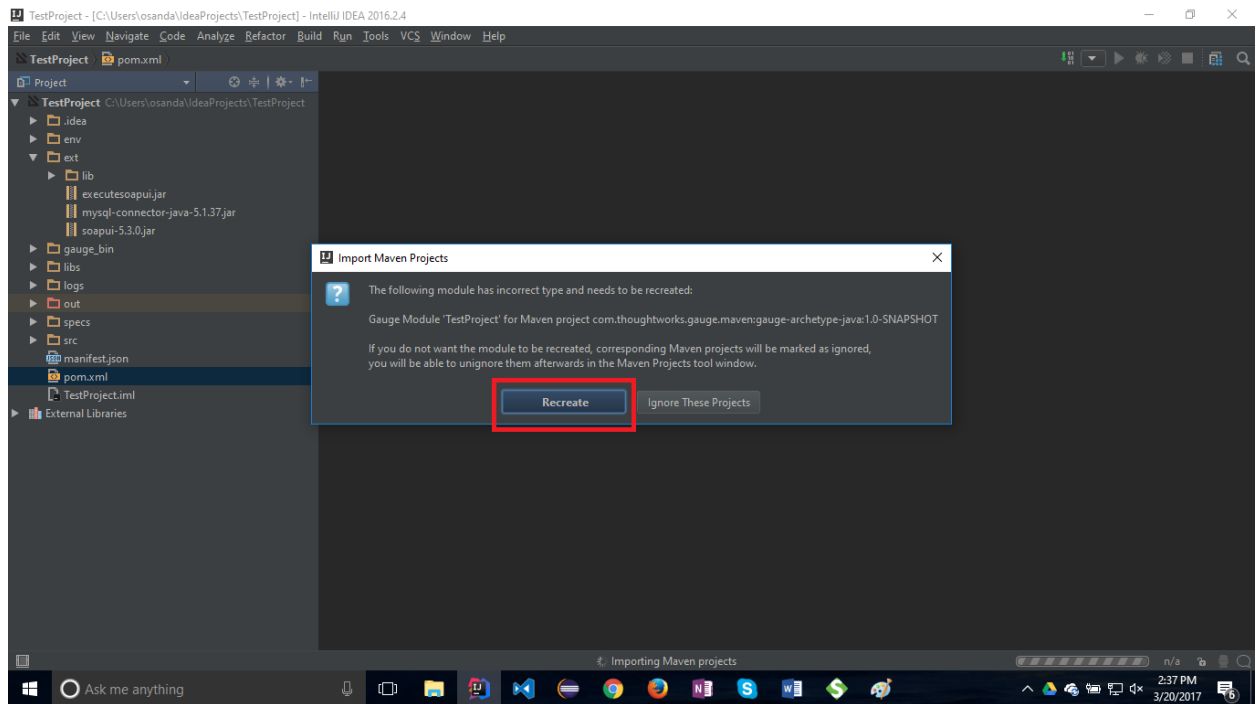
10) Paste the above files into this location (Confirm to replace files)

11) Go to IntelliJ IDEA IDE

12) Right Click on pom.xml and click “Add as Maven Project”

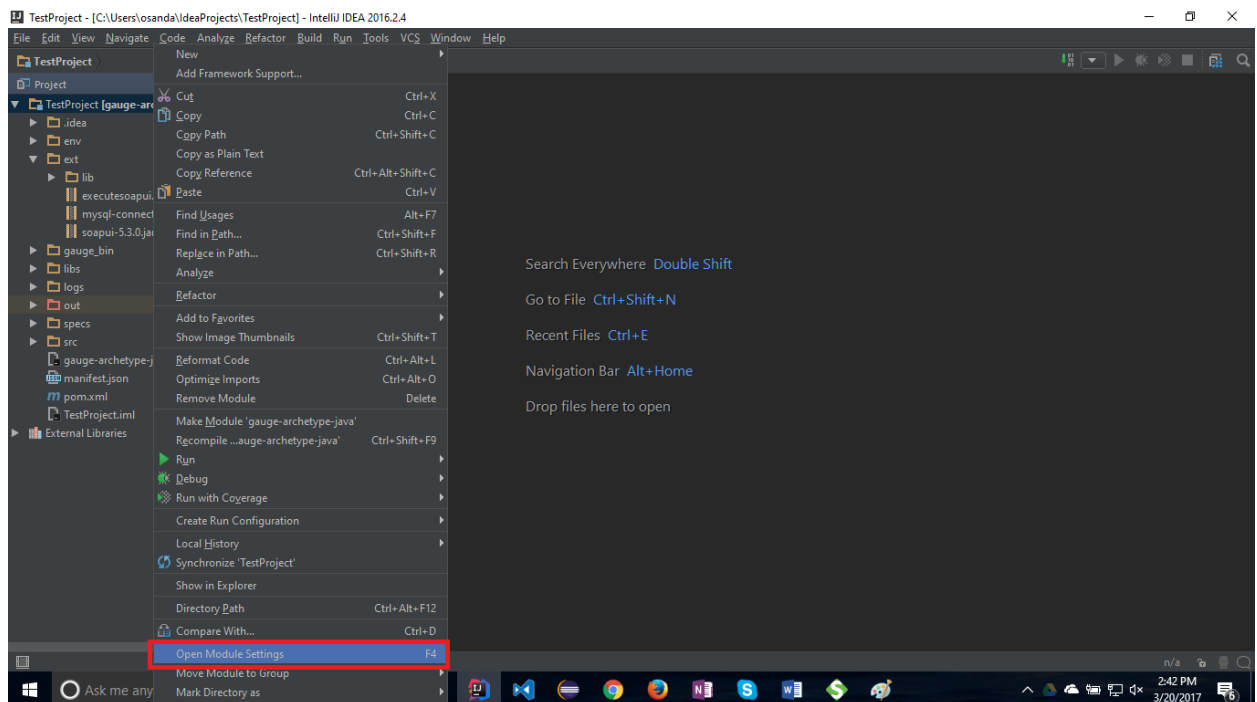


13) Click “Recreate” button



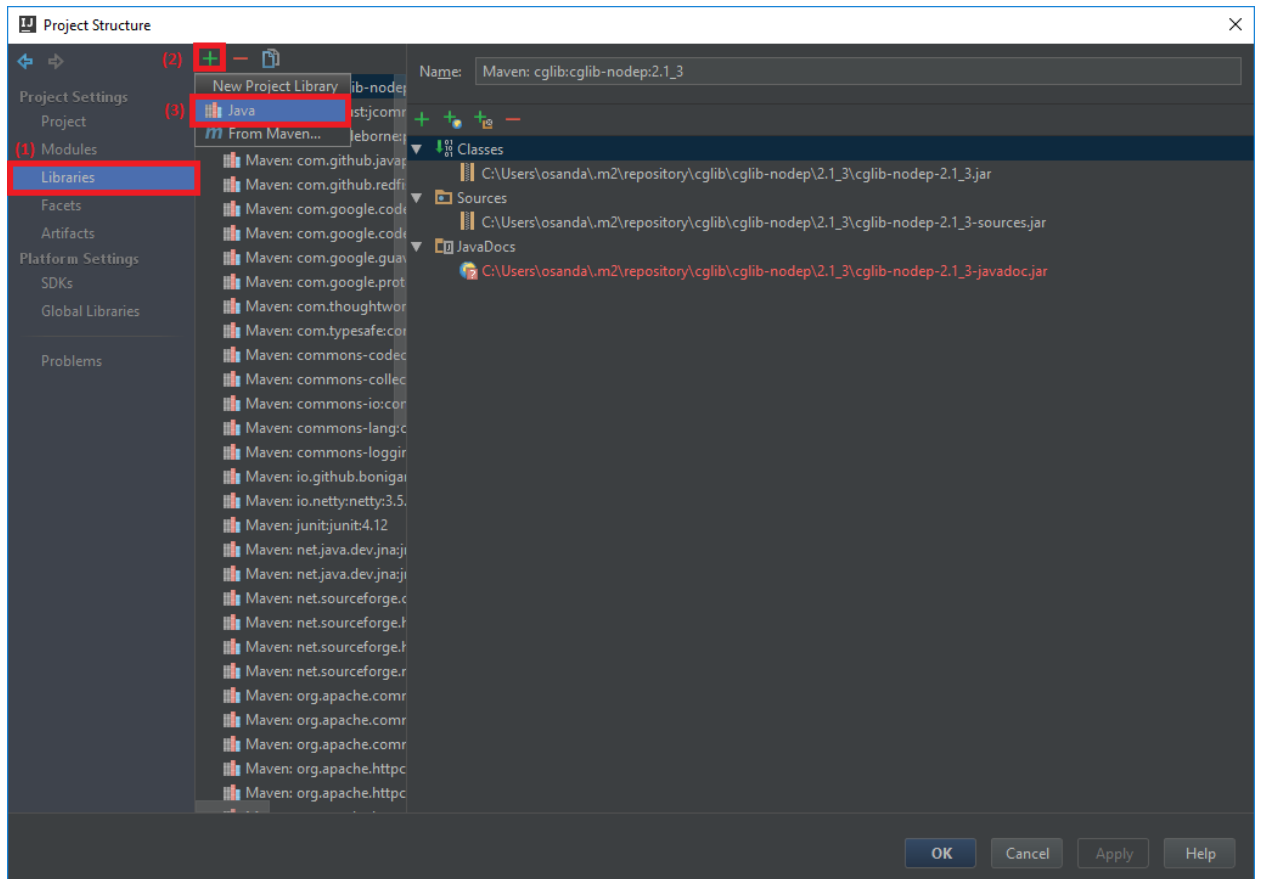
14) Again Right Click on pom.xml and click “Add as Maven Project”

15) Right Click on “TestProject” and click “Open Module Settings”

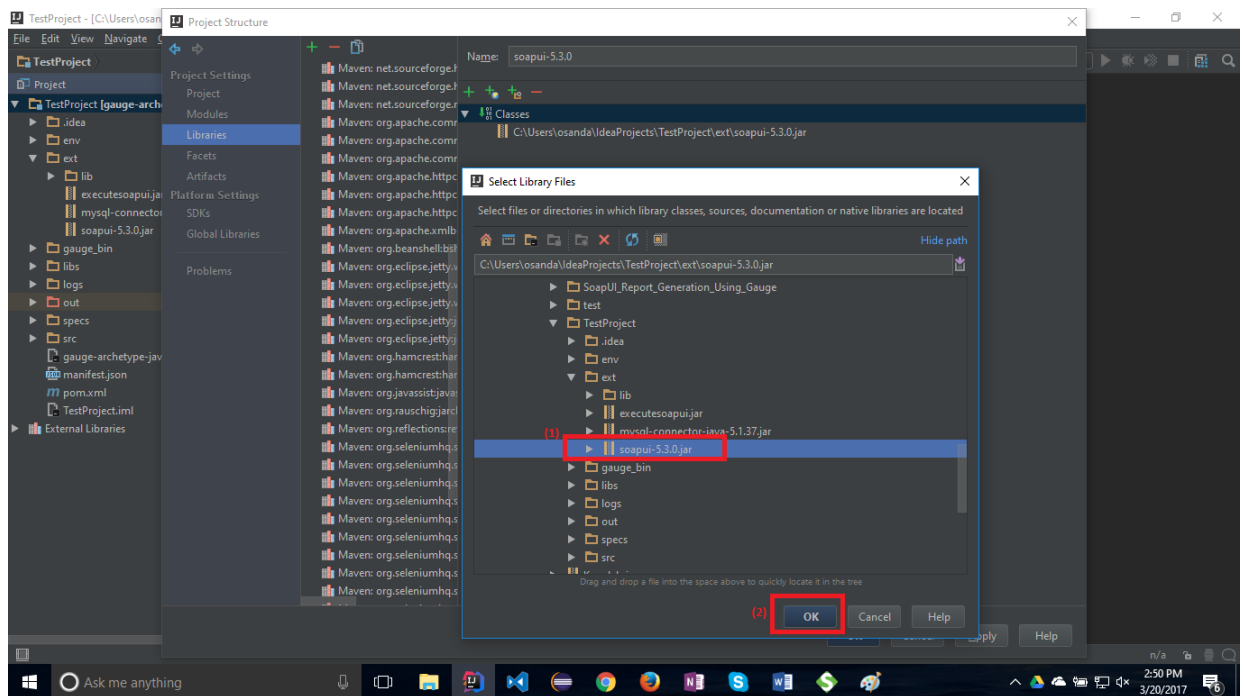


16) Select “Libraries” from the left section

17) Click on the “+” from the top of the window and click “Java”

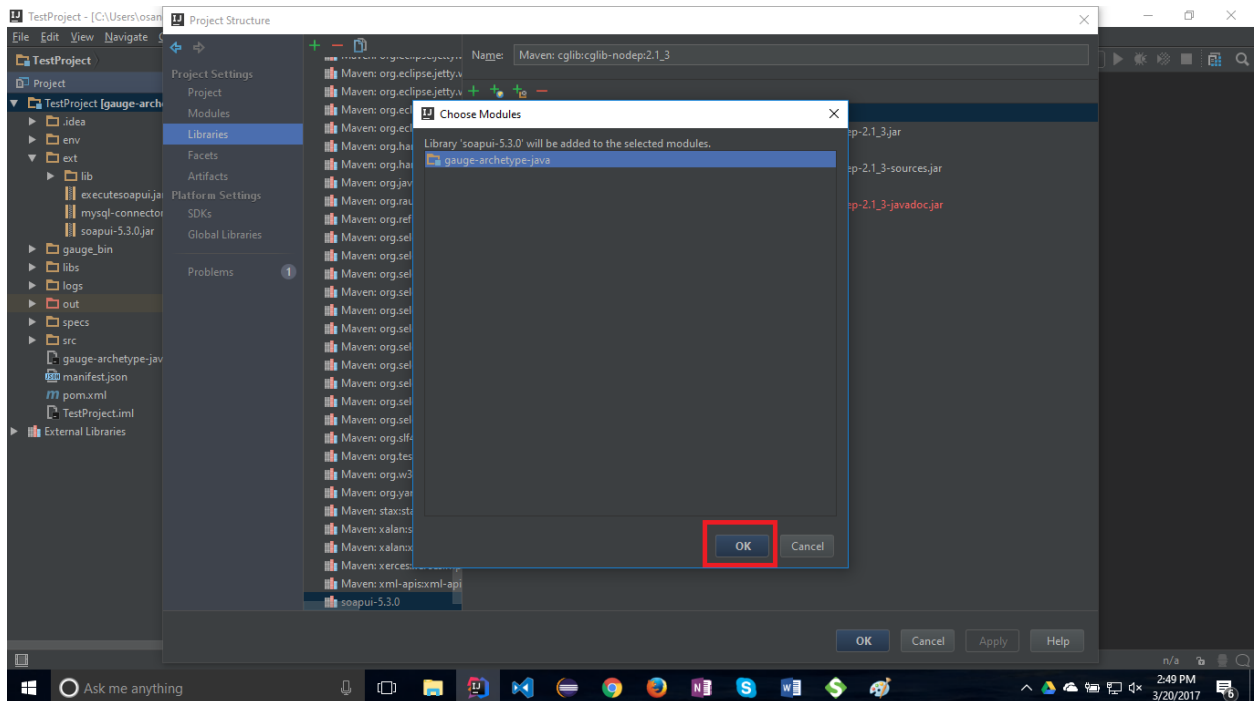


18) Browse “ext” folder inside your project and select “soapui-5.3.0” JAR file



19) Click Ok

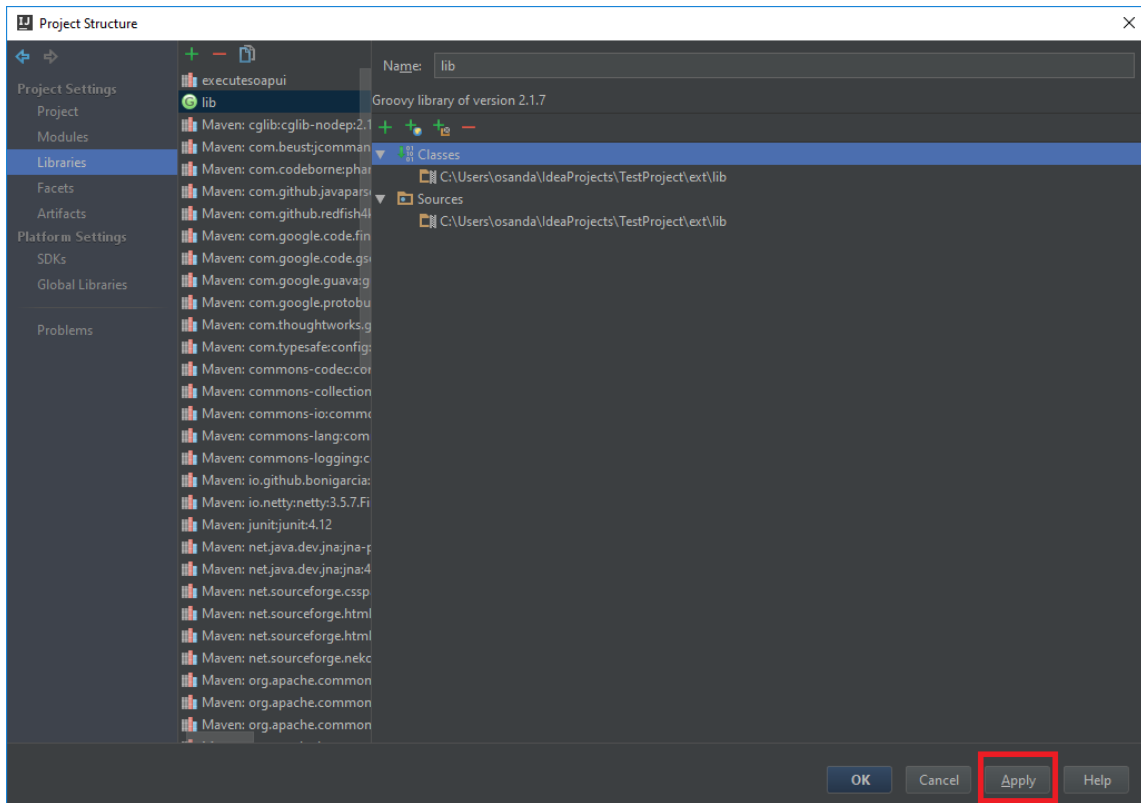
20) Click Ok



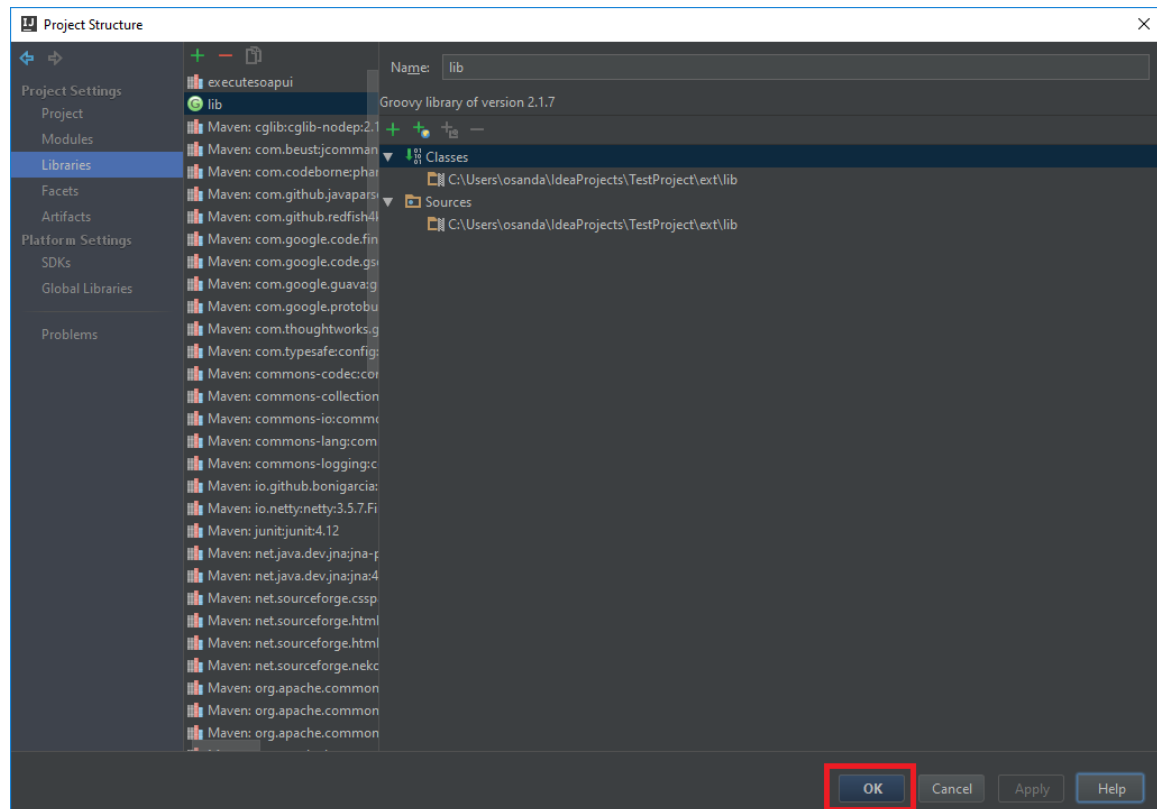
21) Similar to that, add “mysql-connector-java-5.1.37” and “executesoapui” JARs inside the “ext” folder one by one

22) Then add “libs” folder inside the “ext” folder

23) Click “Apply” button



24) Click “Ok” button





- 25) Expand "src" folder on "TestProject" and delete the "StepImplementation.Java" file
- 26) Right click on "java" folder and add a new Java class
- 27) In that Java file, add following code snippet

```
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);
    }
}
```

- 28) Expand "env" folder on "TestProject" and open "default.properties" file
- 29) Change the "SOAPUI\_XML\_PATH" property value into the location of your SoapUI XML file
- 30) Expand "specs" folder on "TestProject" and delete the "example.spec" file
- 31) Right click on "spec" folder and add a new Specification
- 32) In that Specification file, add following lines

```
Specification Heading
=====
Created by Osanda on 3/20/2017

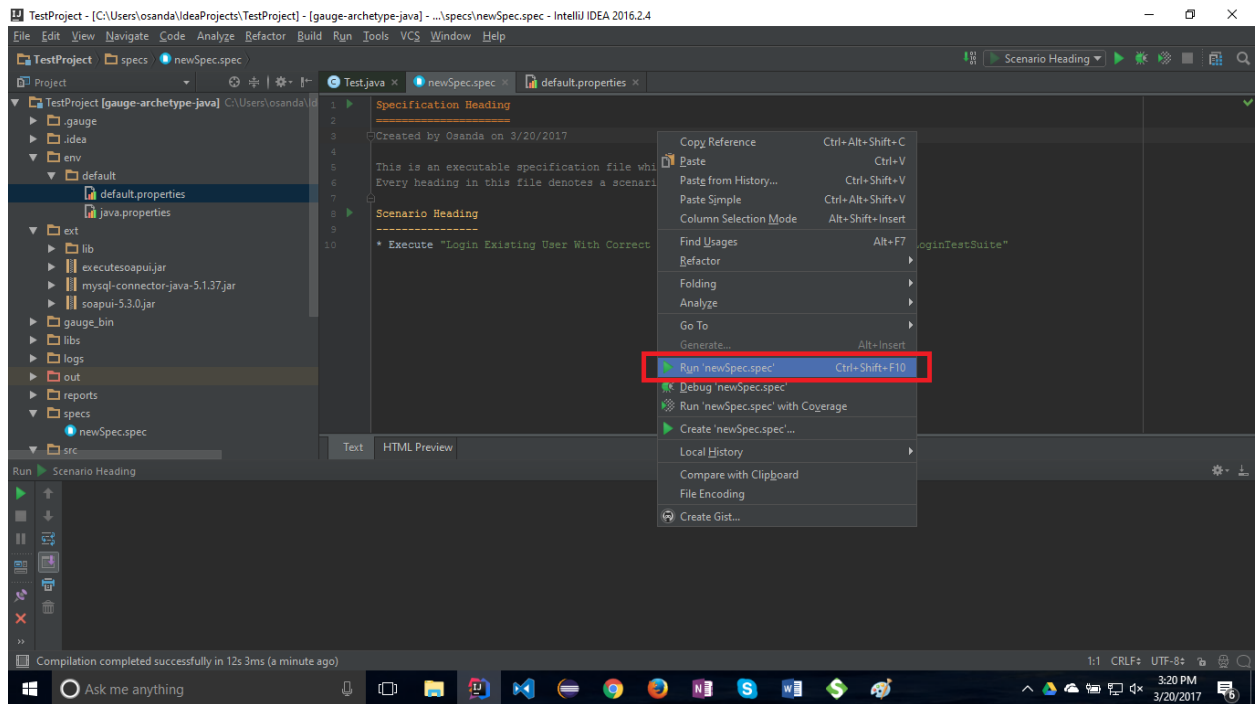
This is an executable specification file which follows markdown syntax.
Every heading in this file denotes a scenario. Every bulleted point denotes a
step.

Scenario Heading
-----
* Execute "Login Existing User With Correct Username & Empty Password TestCase"
of "LoginTestSuite"
```

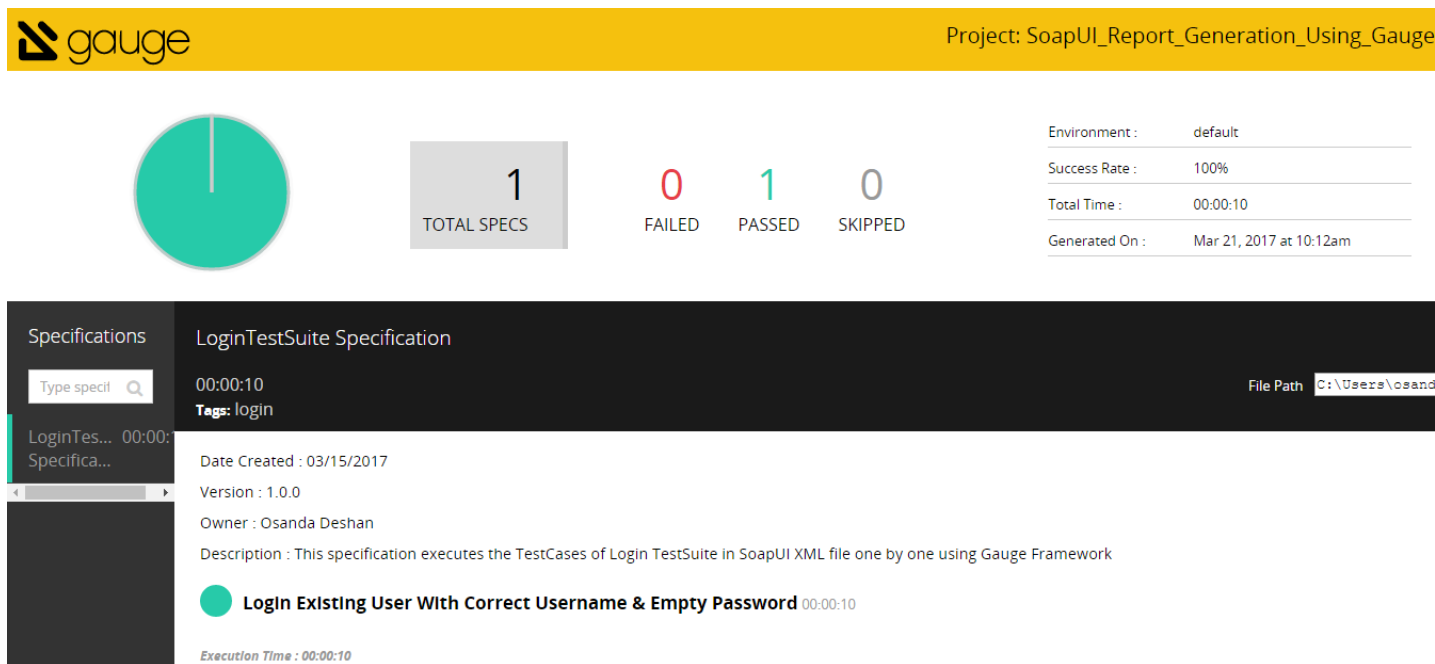
SoapUI TestSuite Name

SoapUI TestCase Name

33) Right click on the specification and click “Run ‘your\_spec.spec’”



34) Below is a sample of a HTML report generated



Execute TestCase of "Login Existing User With Correct Username & Empty Password TestCase" in TestSuite of "LoginTestSuite"

```
$ Number of TestSteps = 2
$ =====
$ Executing TestStep 'Login Existing User With Correct Username & Empty Password TestCase'

$ Request is:
{
  "username":"${#Project#adminUserName}",
  "password":""
}

$ Response is:
{"status":"unauthorized","token":null,"userId":null}

$ Execution result = 'OK'

$ Execution Time = '283 ms'

$ End Point = http://moorhead.homeserver.com:9034
$
$ =====
$
$
$
$ =====
$ Executing TestStep 'User Table'

$ Request is:
Select *
from user

$ Response is:
<Results>
<ResultSet fetchSize="0">
<Row rowNumber="1">
<USER.PERSON_ID>1</USER.PERSON_ID>
<USER.USERNAME>testCustomer</USER.USERNAME>
<USER.PASSWORD>qamitrai</USER.PASSWORD>
<USER.ID>1</USER.ID>
</Row>
<Row rowNumber="2">
<USER.PERSON_ID>12</USER.PERSON_ID>
<USER.USERNAME>Rebeca</USER.USERNAME>
<USER.PASSWORD>qamitrai</USER.PASSWORD>
<USER.ID>2</USER.ID>
</Row>
</ResultSet>
</Results>

$ Execution result = 'UNKNOWN'

$ Execution Time = '3378 ms'

$ End Point = null
$
$ =====
$
$
$
$
```

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Owner : Osanda Deshan <onimalarathna@mitrai.com>

Description : HTML Report Generation for SoapUI XML Execution