

Hi Naveen,

I have given 2 assignments; first one is just a normal Java program which fulfills the task but not well enough. So we have created 2<sup>nd</sup> assignment as per industry standards by using "TestNG" framework and also used POM model in it. Here we have handled if a role is already present then what should the program do or else how to add a Role and after adding a User then we have validated it.

So we need to check this assignment and it will generate reports as well after execution.

For executing this task, we need to follow below steps:

1. Create a Project (Ex: LetzNav project in Eclipse IDE)
2. Add Package "interviewtest" under "src" and create a Class "Testng\_Version.java" and "PageObjectModel1.java" under same package "interviewtest"
3. Download "chromedriver.exe" and add it to project. (Ex: chromedriver\_win32 )
4. Download Selenium server and add it to project "LetzNav" (EX: selenium-server-standalone-3.11.0 )
5. Install TestNG → go to Help tab in Eclipse → Eclipse Marketplace → Search for TestNG → Install
6. Go to Project → Right click → Build path → Configure Build path → under Libraries → Select TestNG → Apply and OK. Now TestNG is added to the project.
7. Now right click on "Testng\_Version.java" → Run As → "TestNG Test" (or press CNTR + F11)
8. Once execution is completed then refresh the project and then test-output folder will be created and you can check "index.html" and emailable-report.html reports for test results (note: first time open with web browser)
9. For Ex: open "index.html", it will be looked like below:

Baji - Java - file:///D:/Baji/LetzNav/test-output/index.html - Eclipse

File Edit Navigate Search Project Run Doorman Window Help

Package Explorer

- ABC
- CCMaven
- CUCUMBER
- HRM\_FinalFramework
- KeywordDrivenFramework
- LetzNav
  - src
    - interviewtest
      - Login\_AddRole\_AddUser.java
      - PageObjectModell.java
      - Testng\_Version.java
    - interviewtest.zip
  - JRE System Library [JavaSE-1.8]
  - Referenced Libraries
  - TestNG
  - assets
  - letznav\_editor
  - letznav\_player
  - Result
  - test-output
    - Default suite
    - junitreports
    - old
      - bullet\_point.png
      - collapseall.gif
      - emailable-report.html
      - failed.png
      - index.html
      - jquery-1.7.1.min.js
      - navigator-bullet.png
      - passed.png
      - skipped.png
      - testng-failed.xml
      - testng-reports.css
      - testng-reports.js
      - testng-results.xml
      - testng.css
  - chromedriver.exe
  - confio.ison

TestNG reports

file:///D:/Baji/LetzNav/test-output/index.html#

### Test results

1 suite

#### All suites

#### Default suite

**Info**

- C:\Users\QAP30\AppData\Local\Temp\testng-eclipse--100754977\testng-customsuite.xml
  - 1 test
    - 0 groups
    - Times
    - Reporter output
    - Ignored methods
    - Chronological view

**Results**

- 4 methods, 4 passed
- Passed methods (show)

#### Methods in chronological order

Method	Time
interviewtest.Testng_Version	
openBrowser	0 ms
login	17577 ms
systemSettings	22870 ms
addRole	25055 ms
addUser	32328 ms
close	65401 ms

Console

No consoles to display at this time.