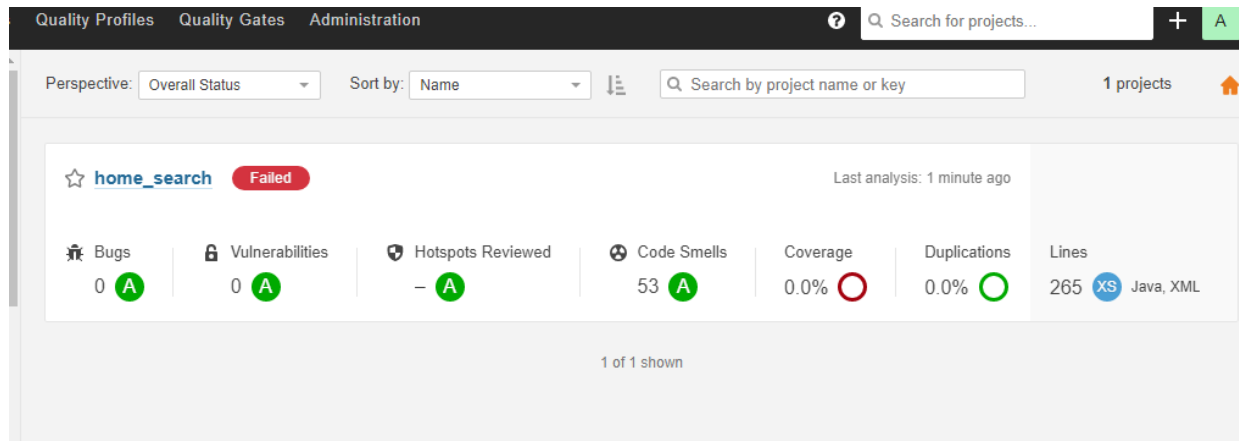Software engineering

Report assignment 2
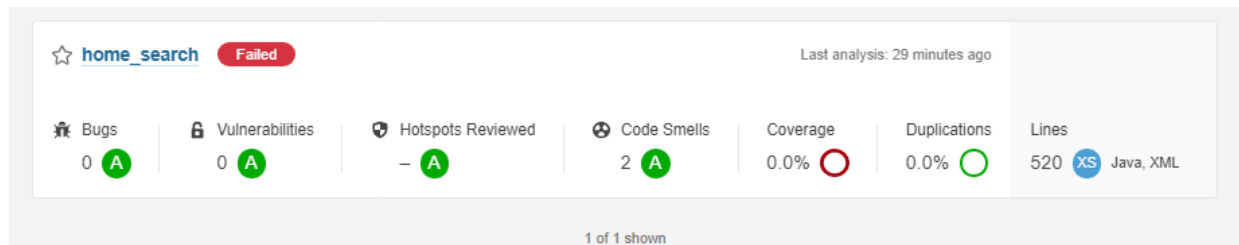
Partner : Rahaf ali nawwas

Hiba habash

The output of sonar before refactor
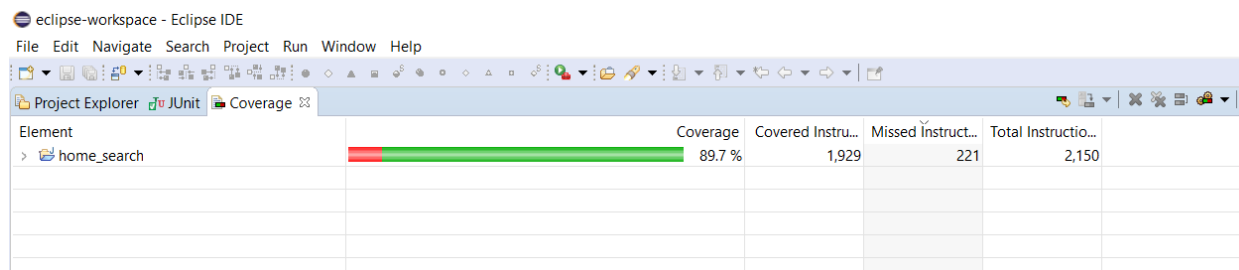

The output of sonar after refactor

NOTES: the project fail because the coverage equal 0 we found it by eclipse

The coverge : 89.7% and its not 100% because of the mocking class
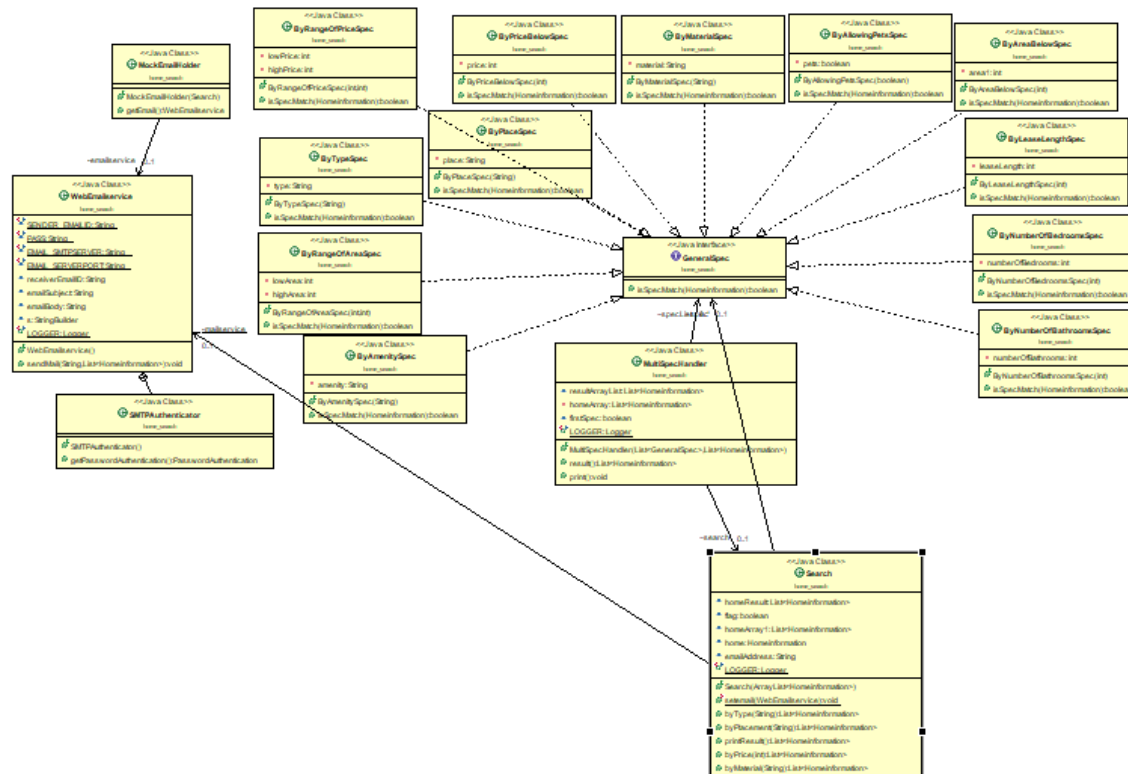
The output of jenkin

Console Output

```
Started by user rahaf ali nawwas
Running as SYSTEM
Building in workspace C:\WINDOWS\system32\config\systemprofile\AppData\Local\Jenkins\.jenkins\workspace\new
The recommended git tool is: NONE
using credential dc2c0595-914f-42ef-9c95-07e44cfb35cd
 > C:\Program Files\Git\bin\git.exe rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
 > C:\Program Files\Git\bin\git.exe config remote.origin.url https://github.com/HibaHabash27/fall2020pro.git # timeout
Fetching upstream changes from https://github.com/HibaHabash27/fall2020pro.git
 > C:\Program Files\Git\bin\git.exe --version # timeout=10
 > git --version # 'git version 2.29.2.windows.2'
using GIT_ASKPASS to set credentials
 > C:\Program Files\Git\bin\git.exe fetch --tags --force --progress -- https://github.com/HibaHabash27/fall2020pro.git
# timeout=10
 > C:\Program Files\Git\bin\git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
Checking out Revision 4bafc18c80b193bd96b8879f064d92f38ebebfab (refs/remotes/origin/master)
 > C:\Program Files\Git\bin\git.exe config core.sparsecheckout # timeout=10
 > C:\Program Files\Git\bin\git.exe checkout -f 4bafc18c80b193bd96b8879f064d92f38ebebfab # timeout=10
Commit message: "new update"
 > C:\Program Files\Git\bin\git.exe rev-list --no-walk 4bafc18c80b193bd96b8879f064d92f38ebebfab # timeout=10
[new] $ cmd.exe /C "C:\apache-maven-3.6.3\bin\mvn.cmd sonar:sonar -Dsonar.host.url=http://localhost:9000 -
Dsonar.login=dc668edfbd0fc73c294883b73bf3e55ff35eba26 && exit %%ERRORLEVEL%%"
[INFO] Scanning for projects...
[INFO]
```

```
[INFO] Sensor VB.NET Properties [vbnet] (done) | time=5ms
[INFO] ------------- Run sensors on project
[INFO] Sensor Zero Coverage Sensor
[INFO] Sensor Zero Coverage Sensor (done) | time=53ms
[INFO] Sensor Java CPD Block Indexer
[INFO] Sensor Java CPD Block Indexer (done) | time=210ms
[INFO] SCM Publisher SCM provider for this project is: git
[INFO] SCM Publisher 7 source files to be analyzed
[INFO] SCM Publisher 7/7 source files have been analyzed (done) | time=573ms
[INFO] CPD Executor 13 files had no CPD blocks
[INFO] CPD Executor Calculating CPD for 5 files
[INFO] CPD Executor CPD calculation finished (done) | time=44ms
[INFO] Analysis report generated in 516ms, dir size=154 KB
[INFO] Analysis report compressed in 817ms, zip size=55 KB
[INFO] Analysis report uploaded in 112ms
[INFO] ANALYSIS SUCCESSFUL, you can browse http://localhost:9000/dashboard?id=home%3Ahome_search
[INFO] Note that you will be able to access the updated dashboard once the server has processed the submitted analysis report
[INFO] More about the report processing at http://localhost:9000/api/ce/task?id=AXXNjw7mcOpNT82D825G
[INFO] Analysis total time: 15.905 s
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  18.855 s
[INFO] Finished at: 2020-11-15T22:18:26+02:00
[INFO] ------------------------------------------------------------------------
Finished: SUCCESS
```

- The UML

- Sending email without mocking class

- All cases are passing