L1 – SonarQube Lab Assessment

Reviewee Name: Ponraj Marikannan - 12230

Reviewer Name: Nandhakumaran Hariharan – 12225

Peer Review :-

1. After an analysis of Mr. Ponraj's code, I conclude that the code is well written.
2.
3. It met all the coding standards, quality and requirements to become Quality Software code without any errors.
4. Congratulations Mr. Ponraj! From my analysis, you and your code have passed the Peer Review Exercise.

Before Changing Error in SonarQube :-

```
[INFO] 14:49:28.832 Sensor TextAndSecretsSensor [text]
[INFO] 14:49:28.849 13 source files to be analyzed
[INFO] 14:49:28.888 13/13 source files have been analyzed
[INFO] 14:49:28.889 Sensor TextAndSecretsSensor [text] (done) | time=57ms
[INFO] 14:49:28.891 Sensor VB.NET Project Type Information [vbnet]
[INFO] 14:49:28.902 Sensor VB.NET Project Type Information [vbnet] (done) | time=12ms
[INFO] 14:49:28.902 Sensor VB.NET Analysis Log [vbnet]
[INFO] 14:49:28.937 Sensor VB.NET Analysis Log [vbnet] (done) | time=35ms
[INFO] 14:49:28.938 Sensor VB.NET Properties [vbnet]
[INFO] 14:49:28.938 Sensor VB.NET Properties [vbnet] (done) | time=0ms
[INFO] 14:49:28.938 Sensor IaC Docker Sensor [iac]
[INFO] 14:49:28.964 0 source files to be analyzed
[INFO] 14:49:29.075 0/0 source files have been analyzed
[INFO] 14:49:29.075 Sensor IaC Docker Sensor [iac] (done) | time=137ms
[INFO] 14:49:29.083 ------------- Run sensors on project
[INFO] 14:49:29.226 Sensor Analysis Warnings import [csharp]
[INFO] 14:49:29.230 Sensor Analysis Warnings import [csharp] (done) | time=4ms
[INFO] 14:49:29.230 Sensor Zero Coverage Sensor
[INFO] 14:49:29.298 Sensor Zero Coverage Sensor (done) | time=68ms
[INFO] 14:49:29.300 Sensor Java CPD Block Indexer
[INFO] 14:49:29.371 Sensor Java CPD Block Indexer (done) | time=71ms
[INFO] 14:49:29.381 SCM Publisher No SCM system was detected. You can use the 'sonar.scm.provider' property to explicitly specify it.
[INFO] 14:49:29.430 CPD Executor 5 files had no CPD blocks
[INFO] 14:49:29.432 CPD Executor Calculating CPD for 6 files
[INFO] 14:49:29.486 CPD Executor CPD calculation finished (done) | time=50ms
[INFO] 14:49:29.969 Analysis report generated in 463ms, dir size=157.6 kB
[INFO] 14:49:30.289 Analysis report compressed in 318ms, zip size=40.6 kB
[INFO] 14:49:30.423 Analysis report uploaded in 132ms
[INFO] 14:49:30.445 ANALYSIS SUCCESSFUL, you can find the results at: http://localhost:9000/dashboard?id=CQAssessment
[INFO] 14:49:30.447 Note that you will be able to access the updated dashboard once the server has processed the submitted analysis report
[INFO] 14:49:30.449 More about the report processing at http://localhost:9000/api/ce/task?id=AZB35FJOcB9U64vzQg7v
[INFO] 14:49:30.810 Analysis total time: 21.881 s
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  50.872 s
[INFO] Finished at: 2024-07-03T14:49:30+05:30
[INFO] ------------------------------------------------------------------------

C:\Users\ponraj.marikannan\springboot-workspace\HospitalManagementSystem[CQ]>
```

After Clearing the Error :-

Overview   Issues   Security Hotspots   Measures   Code   Activity   Project Settings ▾   ☰ Project Information

ⓘ   To benefit from more of SonarQube's features, set up analysis in your favorite CI.   ✕

QUALITY GATE STATUS ❔   **MEASURES**

Passed
All conditions passed.

New Code   **Overall Code**

0 🐞 Bugs   Reliability Ⓐ

0 🔒 Vulnerabilities   Security Ⓐ

0 🛡 Security Hotspots ❔   — Reviewed   Security Review Ⓐ

0 Debt   0 ⚛ Code Smells   Maintainability Ⓐ