

Before:

The screenshot shows the SonarCloud interface for the project 'EGov Grievance Redressal System' on the 'main' branch. The main header displays the URL 'sonarcloud.io/summary/overall?id=Yati-21_EGovGrievanceBackend&branch=main'. The left sidebar includes links for 'Apps', 'Amazone', 'ChatGPT', 'Progress - LeetCode', 'yatiamrdp | Geeksfo...', 'Yati — Hashnode', 'Strivers A2Z DSA Co...', 'SDE SHEET - A Com...', 'SonarQube cloud', 'My Projects', 'My Issues', and 'Explore'. The right sidebar features a 'Upgrade' button and various user icons.

The central summary area shows a large red 'Failed' status with a red 'X' icon. Below it, two tabs are visible: 'New Code' (1 failed) and 'Overall Code'. The 'Overall Code' tab is selected. The summary card displays four metrics: Security (1 open issue, E), Reliability (2 open issues, A), Maintainability (50 open issues, A), Accepted Issues (0), Coverage (0.0%, No conditions set on 863 Lines to cover), and Duplications (0.7%, No conditions set on 4.5k Lines).

After:

This screenshot shows the same SonarCloud interface after improvements have been made. The overall quality gate status has changed from 'Failed' to 'Success' (indicated by a green checkmark icon). The 'Overall Code' tab remains selected, and the summary card now shows updated metrics: Security (0 open issues, A), Reliability (0 open issues, A), Maintainability (29 open issues, A), Accepted Issues (0), Coverage (89.5%, No conditions set on 986 Lines to cover), and Duplications (0.6%, No conditions set on 4.7k Lines).

sonarcloud.io/summary/overall?id=Yati-21_EGovGrievanceBackend&branch=main

Apps Amizone ChatGPT Progress - LeetCode yatiardp | GeeksforGeeks Yati — Hashnode Strivers A2Z DSA Course SDE SHEET - A Com...

SonarQube cloud My Projects My Issues Explore Upgrade

E Gov Grievance Redressal System Project Private Overview Main Branch Pull Requests 2 Branches 1 Information Administration

Yati-21 > EGov Grievance Redressal System > main Summary Issues Security Hotspots More Quality Gate: Sonar way Failed

New Code 2 failed Overall Code

Security Reliability Maintainability

1 Open issues E 2 Open issues A 64 Open issues A

Accepted Issues Coverage Duplications

0 27.4% No conditions set on 909 Lines to cover 0.7%

No conditions set on 4.6k Lines

sonarcloud.io/summary/overall?id=Yati-21_EGovGrievanceBackend&branch=main

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Yati-21 > EGov Grievance Redressal System > main Summary Issues Security Hotspots More Quality Gate: Sonar way Failed

New Code 2 failed Overall Code

Security Reliability Maintainability

1 Open issues E 2 Open issues A 73 Open issues A

Accepted Issues Coverage Duplications

0 83.9% No conditions set on 952 Lines to cover 0.7%

No conditions set on 4.6k Lines

sonarcloud.io/summary/overall?id=Yati-21_EGovGrievanceBackend&branch=main

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E Gov Grievance Redressal System Project Private Overview Main Branch Pull Requests 2 Branches 1 Information Administration

Yati-21 > EGov Grievance Redressal System > main Summary Issues Security Hotspots More Main Branch Summary 3.8k Lines of Code Version 1.0.0-SNAPSHOT Last analysis 1 minute ago s4110ef7 Quality Gate: Sonar way Failed

New Code Failed Overall Code

Security Reliability Maintainability

1 Open issues E 2 Open issues A 71 Open issues A

Accepted Issues Coverage Duplications

0 90.5% No conditions set on 961 Lines to cover 0.7%

No conditions set on 4.6k Lines

SonarQube cloud My Projects My Issues Explore Upgrade

EGov Grievance Redres... Project Private Overview Main Branch Pull Requests Branches Information Administration

Yati-21 > EGov Grievance Redressal System > main Quality Gate: Sonar way

Failed

New Code Overall Code

Security Reliability Maintainability

1 Open Issues E 0 Open Issues A 37 Open Issues A

Accepted Issues Coverage Duplications

0 90.9% 0.6%

No conditions set on 1.1k Lines to cover No conditions set on 4.7k Lines

Security Hotspots 7

Information Administration

SonarQube cloud My Projects My Issues Explore Upgrade

EGov Grievance Redres... Project Private Overview Main Branch Pull Requests Branches Information Administration

Yati-21 > EGov Grievance Redressal System > main Quality Gate: Sonar way

Main Branch Summary

3.9k Lines of Code Version 1.0.0-SNAPSHOT · Last analysis 3 minutes ago d2a172f6

Failed

New Code Overall Code

Security Reliability Maintainability

1 Open Issues E 0 Open Issues A 35 Open Issues A

Accepted Issues Coverage Duplications

0 90.8% 0.6%

No conditions set on 1.1k Lines to cover No conditions set on 4.7k Lines

Information Administration