

TD Analysis and Management

Thesis Management

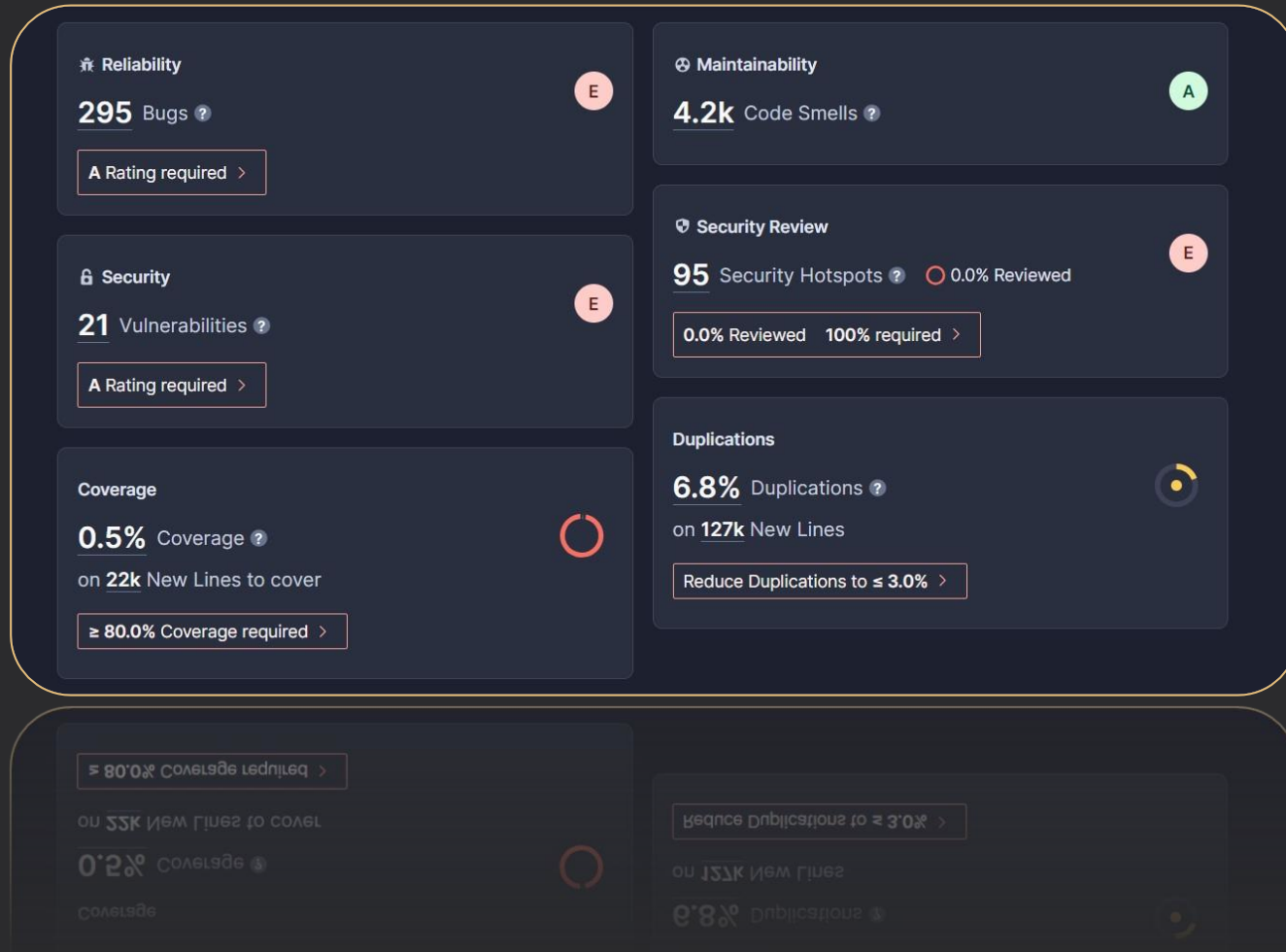
Team 7

Software Engineering 2

Sonar Cloud Summary

The summary of the project shows a lot of issues related to the Security and Reliability parts.

Therefore, the team needs to find out the issues and try to solve them by prioritizing them.



Security Vulnerabilities

The majority of severity problems have a vital impact on the security and vulnerability of the project.

Software Quality

Security	21
Reliability	0
Maintainability	0

Severity ?

High	18
Medium	1
Low	2

Low	2
Medium	1
High	18

Security Vulnerabilities

Less Effort and Most Impact of these issues in comparison to other measures convinced the team to focus on this part of issues.

Security ?	▼
Overview	
New Code	
Vulnerabilities	21
Rating	E
Remediation Effort	1d 2h
Overall Code	
Vulnerabilities	21
Rating	E
Remediation Effort	1d 2h

Remediation Effort	1d 2h
Rating	E

Security Vulnerabilities

A reasonable number of files with vulnerabilities that can be fixed sooner with less effort and time consumption.

Security Rating E [See history](#)

New code: since not provided

client	A
docker	A
mail_server	E
server	A
docker-compose.yml	A
package-lock.json	A
package.json	A

7 of 7 shown

7 of 7 shown

backend.json	V
backend-lock.json	V

Security Vulnerabilities

Concentration of issues in one part shows the team needs to just focus on one part of the project to fix all the issues related to security.



▼ Software Quality	
Security	0
Reliability	295
Maintainability	0
▼ Severity ?	
🔴 High	9
🟡 Medium	198
🟢 Low	88

🟢 Low	88
🟡 Medium	198
🔴 High	9



Reliability Bugs

The next quality that needs to be worked on, is the reliability of the application.

With medium-severity issues, can be the next goal of the team.



A mobile application mockup with a dark blue background and rounded corners. At the top, a header bar contains the word 'Reliability' in white, followed by a small white question mark icon and a white chevron-down icon. Below the header, a list of menu items is shown: 'Overview' (highlighted with a blue bar), 'New Code', 'Bugs', 'Rating', 'Remediation Effort', 'Overall Code', 'Bugs', 'Rating', and 'Remediation Effort'. The 'Bugs', 'Rating', and 'Remediation Effort' items are repeated twice. The 'Rating' items feature a red circular icon with a white 'E'.

Reliability ?	
Overview	
New Code	
Bugs	295
Rating	E
Remediation Effort	3d 1h
Overall Code	
Bugs	295
Rating	E
Remediation Effort	3d 1h




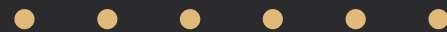
Reliability

Bugs

This measure needs more effort and has the most impact on the application.

Therefore, by spending a little more time, the team can be confident about the program's performance.

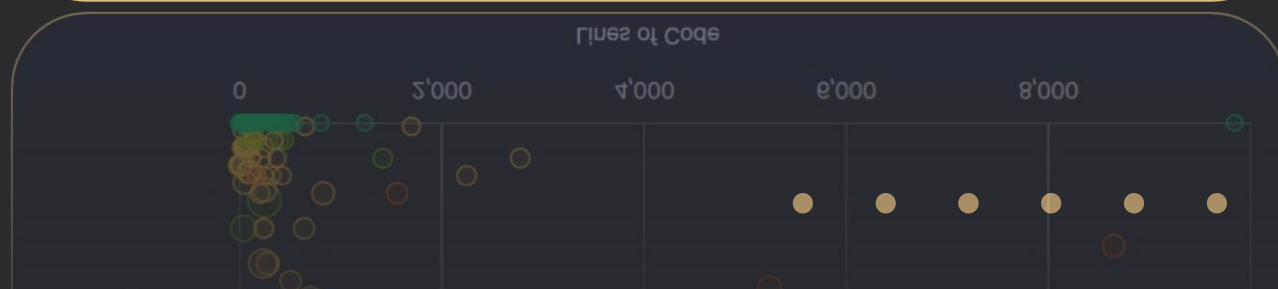
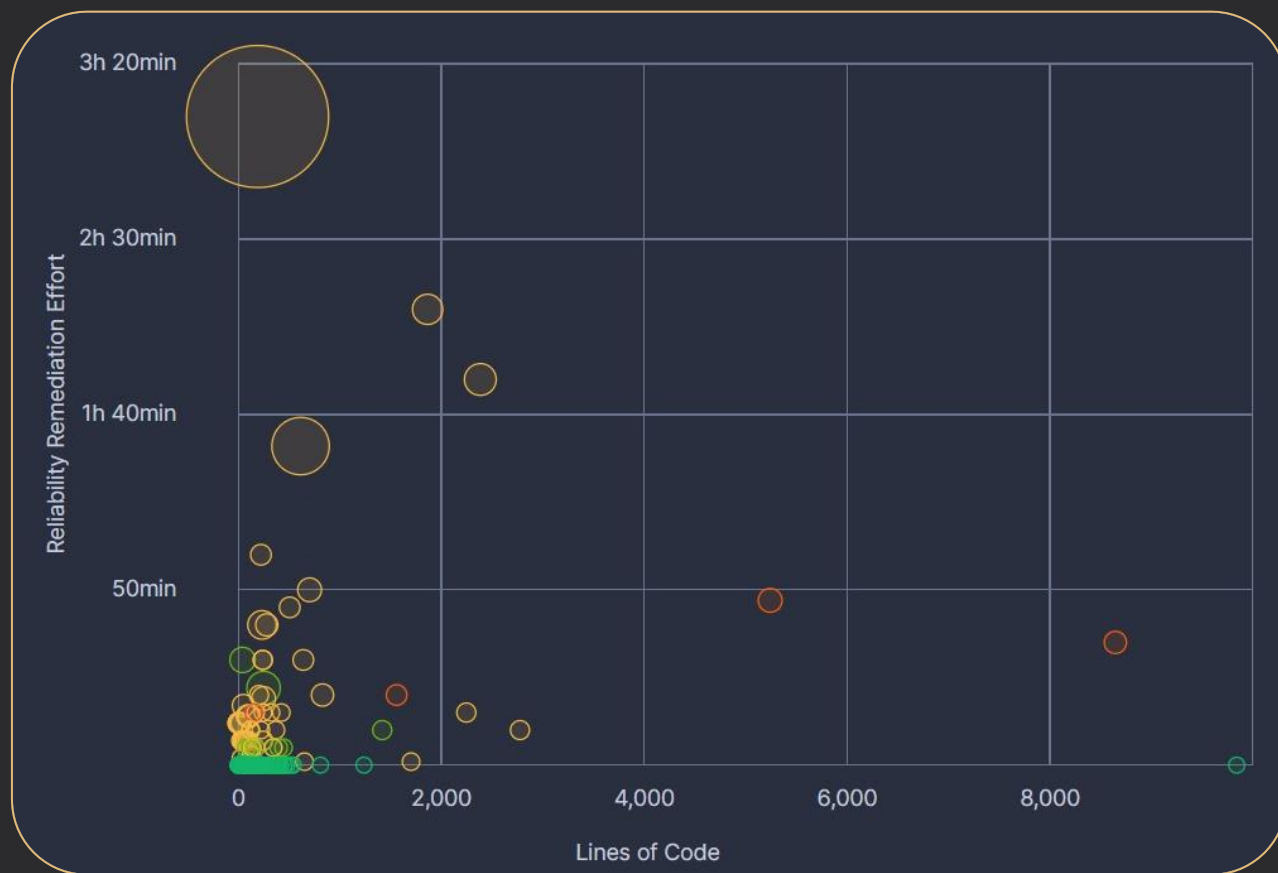




Reliability

Bugs

There are lots of files that need to work on, but we can understand that the most of them need less than 1 hour to be fixed.





- Security
- Reliability
- Maintainability
- Security Review

General Overview

The main goal is to fix the Security because it has the most impact but needs less effort, Then continue with Security Review (Security Hotspots).

After being sure about security, we will work on the Reliability of the project.