

System Functionality





Functionality Accomplishment

- Application for Professors to Plagiarism detection among the students.
- Incremental Comparison Approach
- Quick view of Plagiarized report
- Manual Comparison

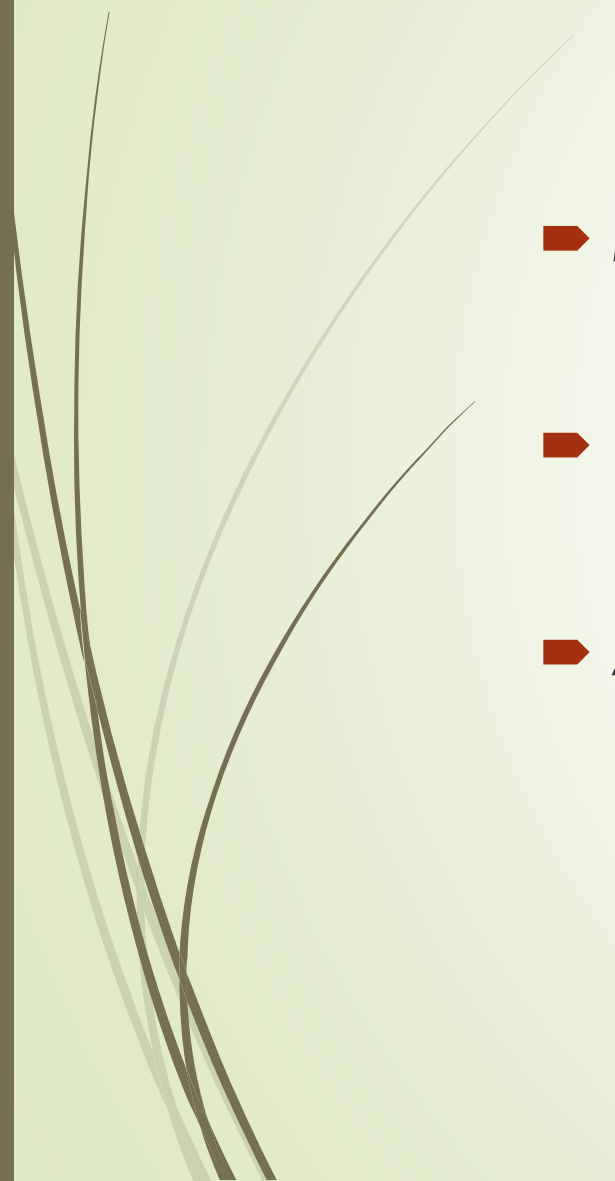


Functionality Accomplishment

- Cross-section comparison
- Cross-semester comparison
- Multiple language Support
- Report shared to professor email



Team Achievement

- Main Objective of the project is done
 - User friendly application for the professor
 - Added more functionalities & features
- 



Final product for Client

- All Requirements accomplished in the development phase.
- Consideration of feedbacks from Professor, Teaching Assistants, and Peers.
- Ready-to-use

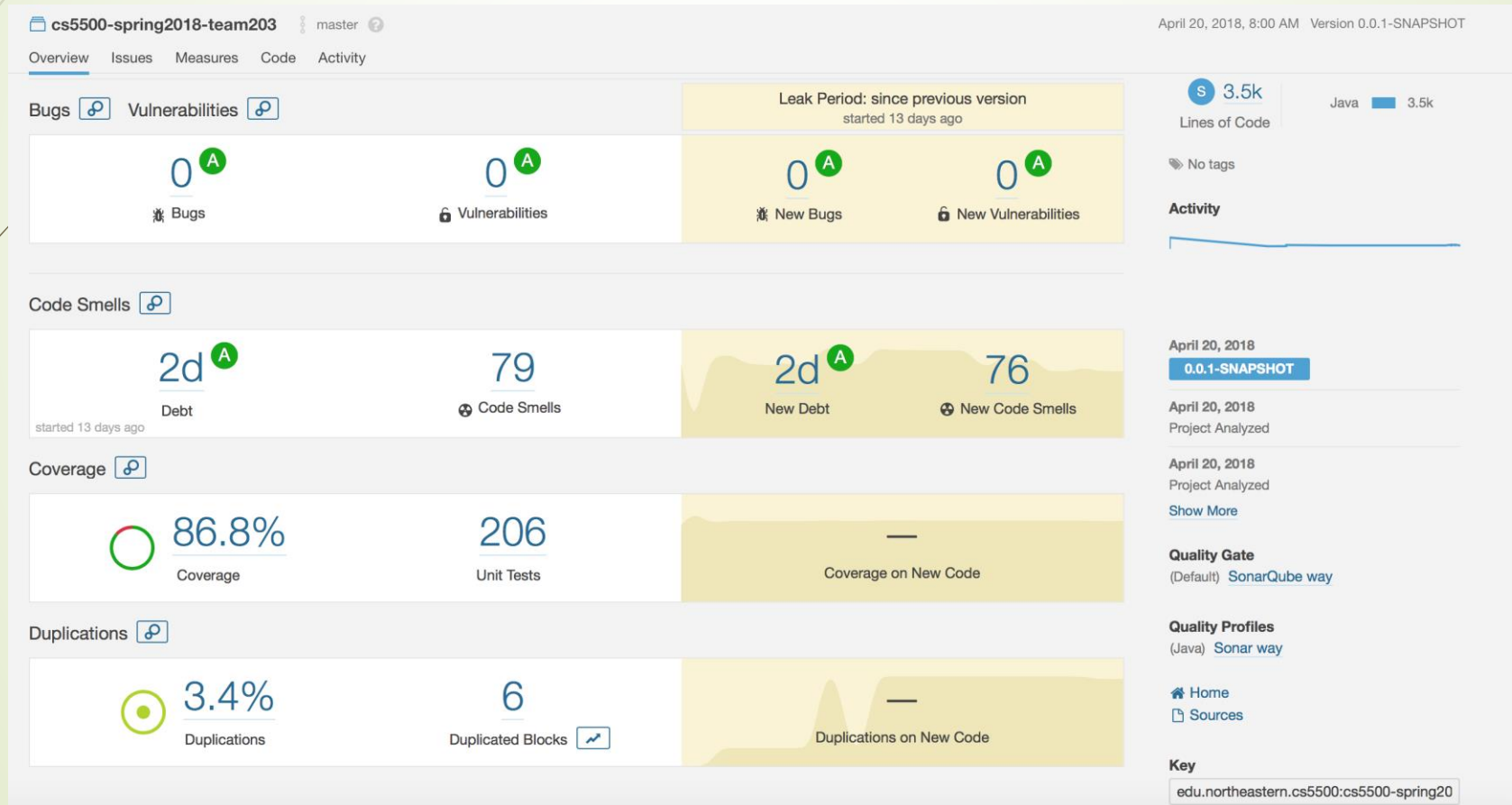


Support for the Claim

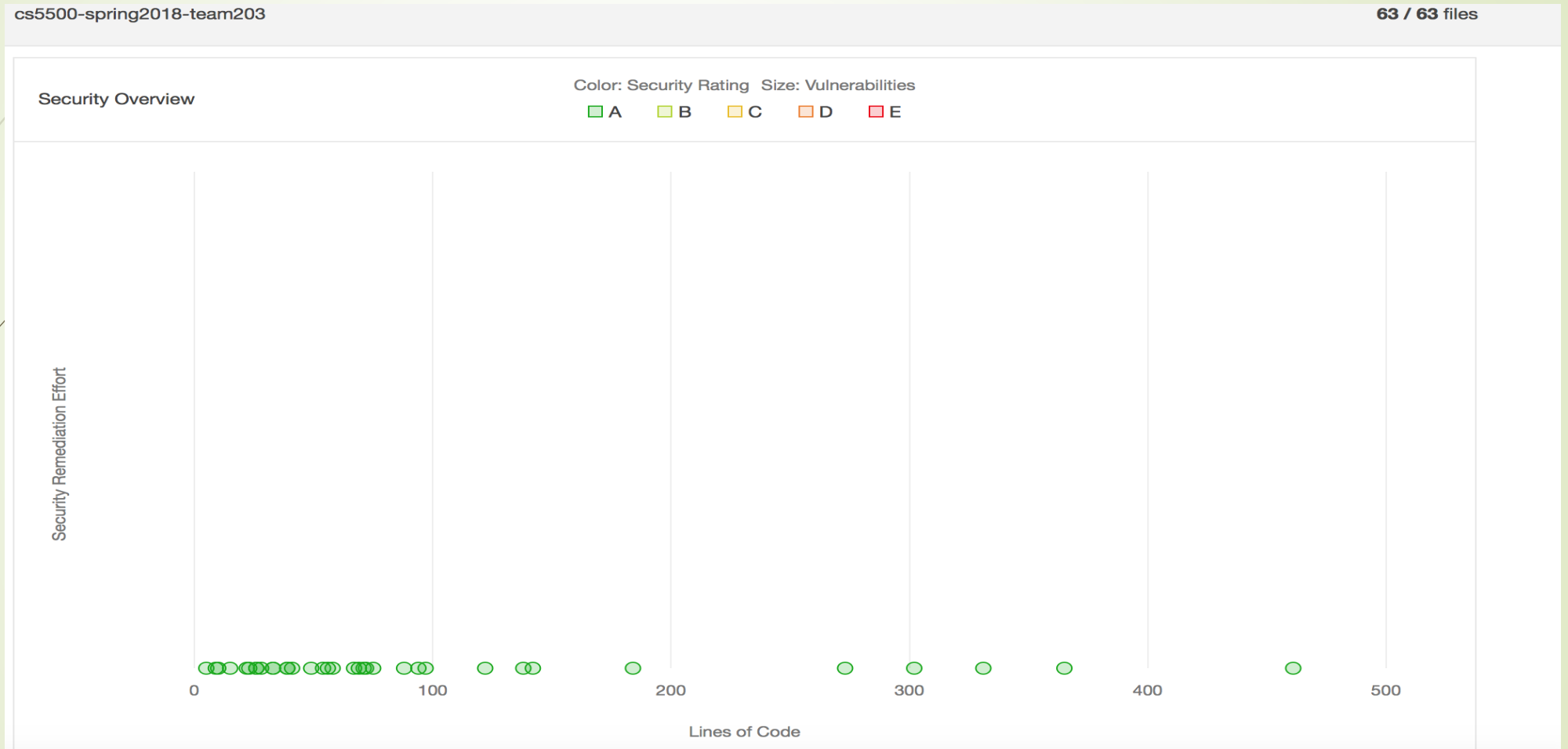
- All issues, backlogs, tasks added in Jira has been completed.
- Different versions of our Project Enhancement is available in GitHub.
- Sprint Reports of the development phase also supports our claim.

Job Quality

Tracking Quality via sonarQube reports



Security Overview



Reliability Overview

cs5500-spring2018-team203

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Reliability Overview

Color: Reliability Rating Size: Bugs

A B C D E

Reliability Remediation Effort

0 100 200 300 400 500

Lines of Code



Maintainability Overview

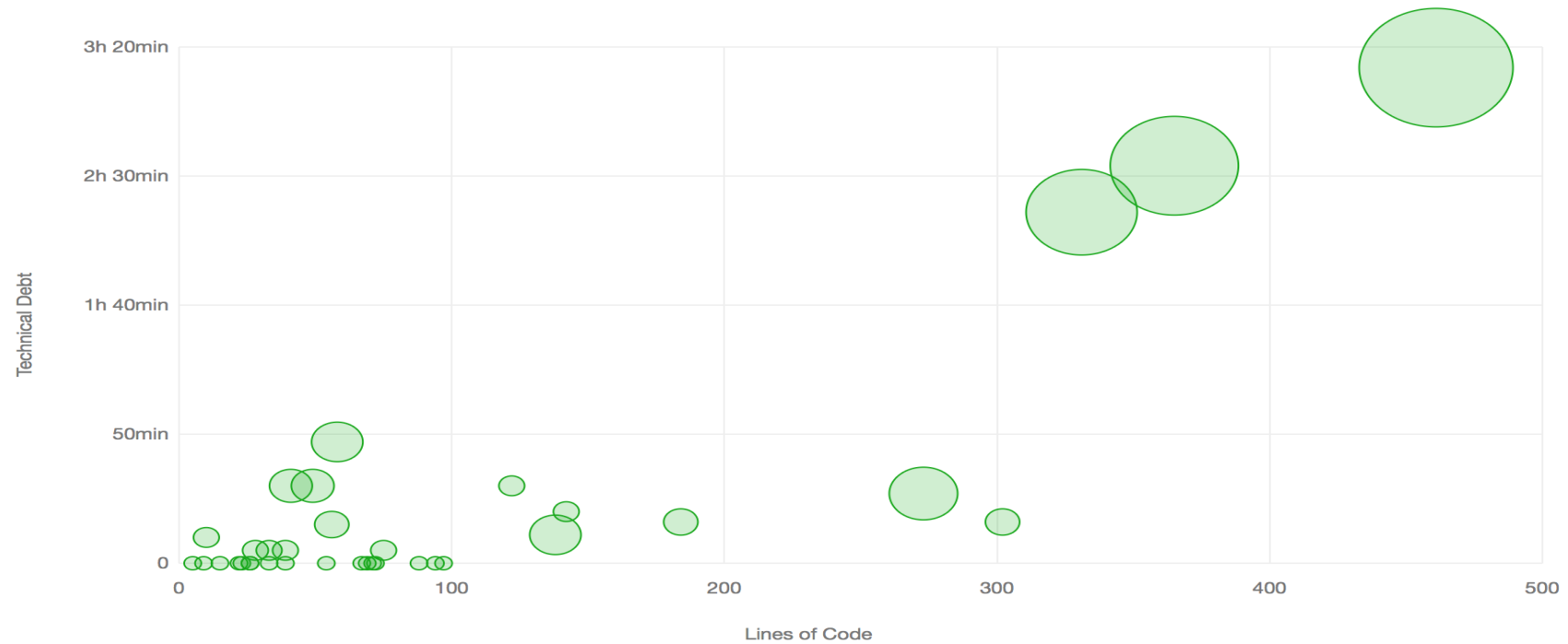
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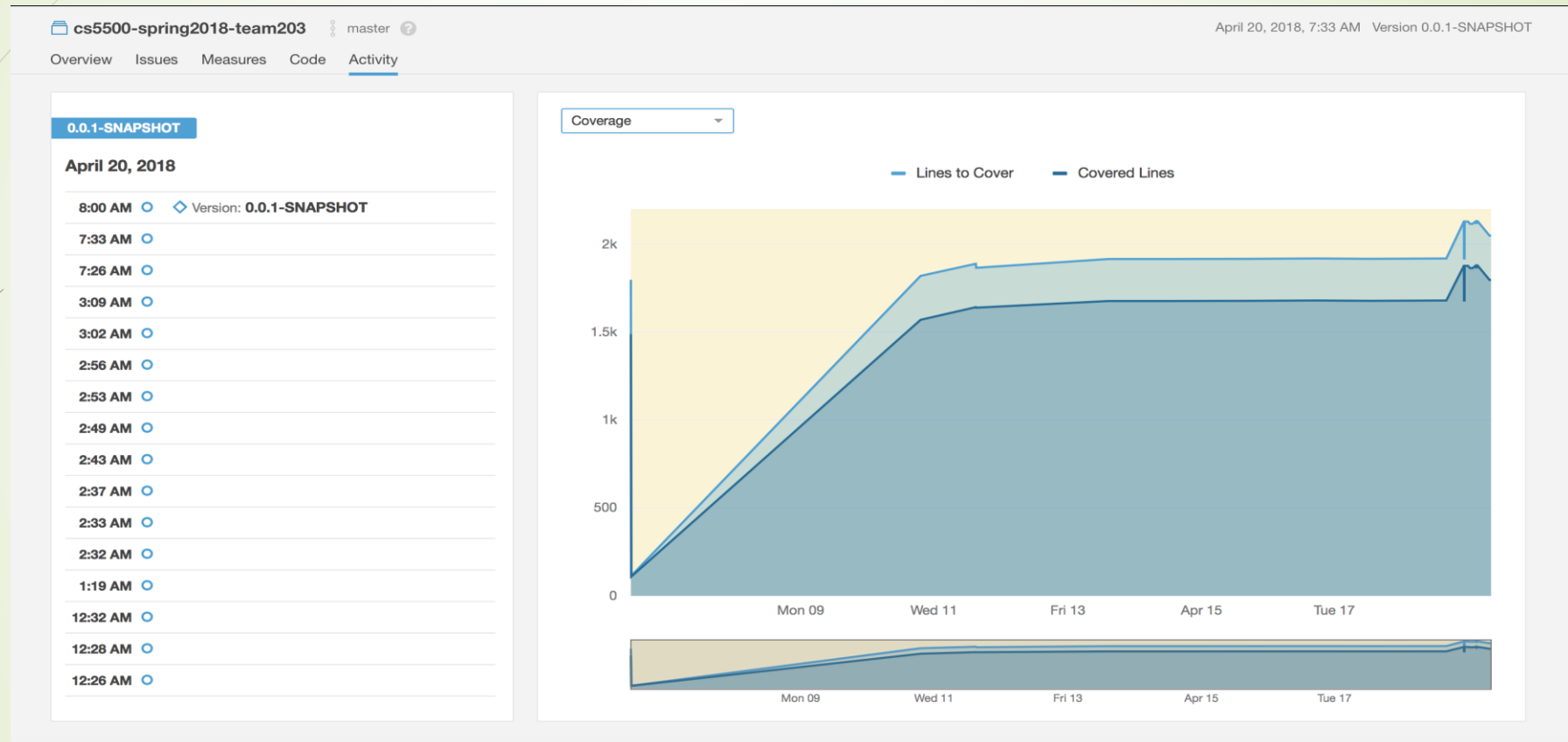
Maintainability Overview

Color: Maintainability Rating Size: Code Smells

■ A ■ B ■ C ■ D ■ E



Code Coverage Improvement




Process and Teamwork

Did the team work as a team ?

- **Fair division of work**
- **Worked towards a common goal with common vision**

Process and Teamwork

Did the team use process well or the project was mis/ mal organized?

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- **Scrum meeting**
 - **Jira tickets**
 - **Smart commits on Jira**

Process and Teamwork

Was the team able to automate the build, test, and promote processes?

- **Jenkins Build pipeline**

Process and Teamwork

Did the team recognize and work on shortcomings?

- Time management and work division issue
- Sprint Retro and Planning Sessions
- Daily Scrum meetings

Technology Transfer

Is the system in shape to be handed over to the client?

- Installation instructions and how to use – git wiki
- System Setup Video
- System Demo Video

Technology Transfer

Next steps?

- Social Network Login
- File Upload Support
- Plagiarism detection for other languages
 - Java, Html and JavaScript