

Sprint 2

Github Repo: <https://github.ccs.neu.edu/sauravshah/CS5500Project/tree/master/Sprint%201>

Trello Link: <https://trello.com/b/1sYhpNkE/agile-sprint-board>

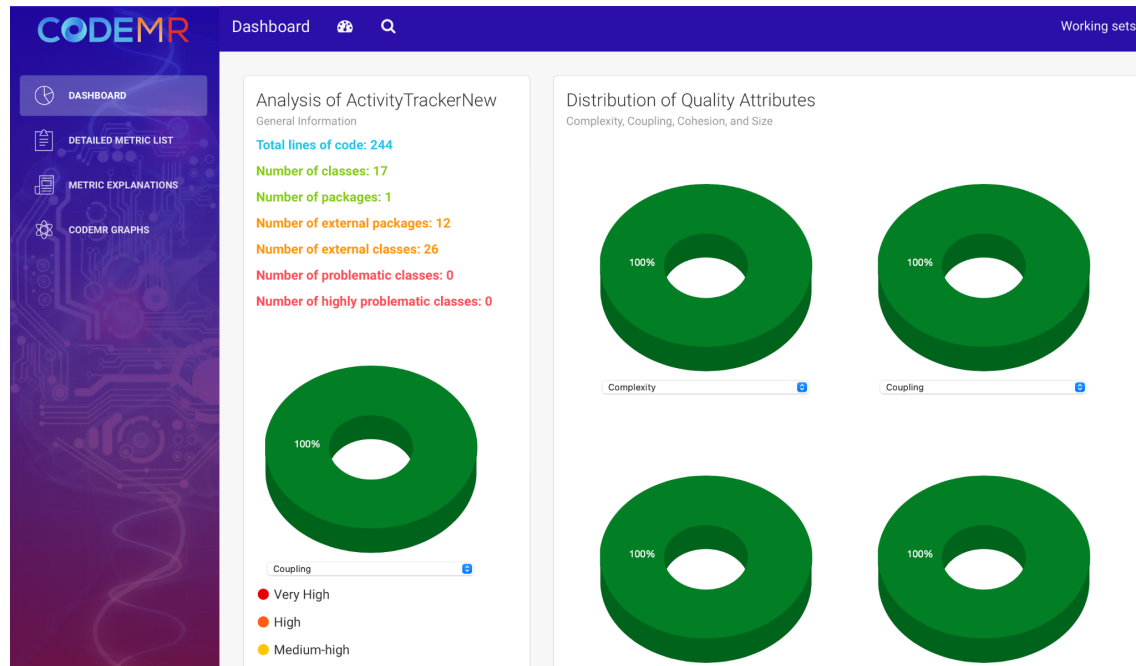
Sprint Delivery:

For our Sprint 2 User Stories, our initial focus was to clean up our Sprint 1 code and further finish up a few features for the web application but as per the user request we had to work on the API. Due to that, our main focus for this sprint has been on creating the API while learning more about Spring Boot, Swaggerboard and Postman. Below table shows the details of the scope and what we have completed for sprint 2:

Story	Completed?	Comments
Clean up JDBC Connection	Yes	Completed successfully
Create Model Classes in Java for all Tables in DB Schema	Yes	Completed successfully.
Create Tables for Database	Yes	Completed successfully. Code on github.
Understand how to use SwaggerBoard	Yes	Completed successfully.
Create our API to retrieve basic details from the DB in JSON	Yes	Completed successfully. We successfully used Swaggerboard to do this. We are still lacking some endpoints as we struggled through using Swaggerboard.
Use Springboot to connect to DB	Yes	Completed.
Postman Testing	No	We were trying to figure out how to test using Postman but due to time constraints we were not able to. Hence, we are moving this to the next sprint.
Creating several features for the web application	No	We decided to focus mainly on the API for this Sprint and hence have not worked on the web development part of

it yet. Will be moved to the next Sprint.

CodeMR Report: Assessment



Please refer to our code for more information about our CodeMR report.

Based on the report, it can be seen that our code quality meets the standards of CodeMR. This was a huge improvement compared to last sprint where we had a single class that contained all the code for inserting json information into the database. Now we have three packages, which helps make our code more organized. More importantly, our code is not as tightly coupled as compared to before since we have generated packages for the DAO, Model and API. However, this report does not show the full picture since we still have some code that we have not included into the project due to it being incomplete and in need of refactoring. Overall, we are satisfied with the quality of our code but we still believe that there are a lot of improvements that can be made in the future. One issue that needs to be fixed for the next sprint is for our group to make sure that our naming conventions for methods, variables, database entities and attributes are consistent. Furthermore, we need to continue writing code that is understandable and easy to read.