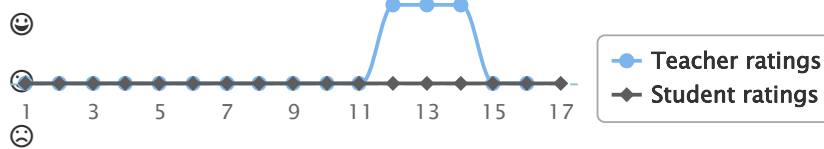




Stankov, Nikola N.M. 



Checkpoint 17 Sprint 5 Review - Marcio 10-06-2022



**Stankov, Nikola N.M.** 7 days ago

Discussed topics:

1. Showcased progress. UI seems fine backend as well.
2. Websocket feature was implemented and was working correctly.
3. Problem with docker-compose  
-not able to connect to mysql container
4. Discussed personal problem (moving the final assesment before the 23rd of July)  
- it is okay with teacher

What to do next:

1. Focus more on the docker and pipeline instead of UI.
2. Continue working towards the last deadline.



Describe what goes well according to your teacher, what you should pay more attention to and what is your next step to achieve the learning outcomes...

Post Feedback

Checkpoint 16 Tim 02-06-2022



**Stankov, Nikola N.M.** 15 days ago

Discussed topics:

1. UX design  
- Tip: focus on tickets and make it obvious for the user that he can easily buy tickets.
2. Webscokets problem  
- Important is to know how websockets work and know whta you are doing. Fixing the issue could take quite some time because it is something small and hard to find so be smart with my time.

**Checkpoint 15** Marcio 30-05-2022**Stankov, Nikola N.M.** 18 days ago

Discussed topics:

1. Discussed progress so far
2. Websocket problem
  - Instead of sending data all the time try to send data once and then the server continuously sends information to the front end. SimpMessagingTemplate serves this purpose.

What to do next:

1. Research SimpMessagingTemplate and finish implementing the live game simulation.
2. Make sure authentication works so users cannot access data from other users.

**Checkpoint 14** Marcio 13-05-2022**Stankov, Nikola N.M.** a month ago

Discussed topics:

1. Issue with h2 database versioning
  - Switched it to mysql database for testing
2. Showed progress
  - Seemed good nothing much to be said there

What to do next:

1. Finish all back-end logic and test it in postman.
2. Add the features from the back-end to the front-end.
3. Update documentation

**Checkpoint 13** Tim 10-05-2022**Stankov, Nikola N.M.** a month ago

Discussed topics:

1. Progress so far:
  - Seemed to be on track, was pretty happy with the progress
2. Login user experience:
  - Basically whether to require log in for all pages which is easier or make it so you log in only for the required pages
  - Came to the conclusion to start easy and then implement the harder approach.
3. Testing
  - Pretty pleased with the testing

What to do next:

1. Finish authentication and authorization
2. Continue with the application

**Checkpoint 12 Sprint 3 Review** 25-04-2022**Stankov, Nikola N.M.** 2 months ago

Discussed topics:

1. Discussed back end:
  - Overall was sufficient. Dependency inversion, dependency injection and layered design. Tests for all classes
2. Front end
  - Not too much there
  - Structure is okay(In the future separate every request in a single layer)
3. Documentation
  - It was okay overall

**Checkpoint 11 Tim** 12-04-2022**Stankov, Nikola N.M.** 2 months ago

Discussed topics:

1. Back end progress
  - JPA and entities present
  - Converting entities to DTOs, not using entities in the controller
  - Back end seems on track
2. Front end progress
  - Not much to show there because no data was available for the demo

What to do next:

1. Unit tests for the back end
2. Update documentation and finish research document

**Checkpoint 10 Marcio** 11-04-2022**Stankov, Nikola N.M.** 2 months ago

Discussed topics:

1. Discussed external API approach
  - Decided not to use the api but insert everything in a database manually
2. Some compile errors related with older version of Mysql
  - Fixed the problem afterwards

**Checkpoint 9 Marcio** 08-04-2022**Stankov, Nikola N.M.** 2 months ago

Discussed topics:

1. Discussed layered design when synching API with database
  - Basically a new layer for 'scheduler' which will use 2 repositories (1 - the one that implements the jpa repo, 2 - the one that makes calls to api)
2. Relations between tables in my design
  - Determine which relation is what kind and fixed if necessary
3. Figure out how to map the json data to dtos easire with rest template configs (left for future)

What to do next:

1. Add the jpa repositories to individual project
2. Create the migrations using flyaway

**Checkpoint 8 Marcio** 04-04-2022**Stankov, Nikola N.M.** 2 months ago

Discussed topics:

1. Discuss testing different layers in spring boot:
  - Using Mockito for testing persistence layer
  - Using Spring MockMvc for testing controllers
2. Fetching data:
  - Always fetching first from database
  - Set a class or something using for example Spring Scheduler to schedule updates for the database data
  - Keeping everything local is the better solution usually

What to do next:

1. Continue working on front end interactions
2. Work on testing (research Mockito)
3. Work on testing the persistence layer after we learn about ORM and JPA

**Checkpoint 7 Tim** 31-03-2022**Stankov, Nikola N.M.** 3 months ago

Discussed topics:

1. How to extend internal API so it shows enough proficiency for this semester:
  - Use a method to have some testable data even if external API is down.
  - Using an interface to connect controller to fake api data for testing
  - Can use caching or just plain data to store locally which will give the required complexity for the semester
2. Project plan contains analysis
  - Divide the user stories into another document such as 'Project analysis' or something like that
  - One document should contain the plan and the other the actual analysis
3. Document styling
  - Subjective approach to styling
  - As long as it looks good and profesional it is going to be fine

What to do next:

1. Finish 'Applied Research' document
2. Research the cache in spring boot to store the API data

**Checkpoint 6 Marcio** 21-03-2022**Stankov, Nikola N.M.** 3 months ago

Discussed topics:

1. Show front end connection to back end and some working API calls
  - Look into components lifecycle and continue learning React in general.
2. Mapping the live data from the external API to java models in back end
  - If the data is changing often do not map it just fetch, but if need to do some kind of report or something of that kind better to map and store the data locally
3. Issue with pipeline JAVA\_HOME varibale not set
  - Fixed issue by configuring the path to the variable in the gradlew.bat file in back end

To do next:

1. Research React component lifecycle and useEffect
2. Continue working on project

**Checkpoint 5 Tim 15-03-2022****Stankov, Nikola N.M.** 3 months ago

Discussed topics:

1. Problem pushing react front end to git:
  - Resolved the problem by removing the .git folder in the react app directory
2. State variable keeping track of pages to display not updating
  - Magically worked after messing around with the code but didn't essentially change anything.?
3. Difference between objects and dtos:
  - DTO should be kind of reduced objects holding only what is necessary for the front end

**Checkpoint 4 Marcio 25-02-2022****Stankov, Nikola N.M.** 4 months ago

Discussed topics:

1. Progress so far:
  - Things seem to be on track
  - Listened to feedback from previous deliverables and implemented accordingly.
2. Difference between controller dto and models for database

**Checkpoint 3 Tim 24-02-2022****Stankov, Nikola N.M.** 4 months ago

Discussed topics:

1. Failing pipelines for build:
  - Problem was lombok but after changing to the newest versions it was fixed.
  - Another problem is present now and I will try to install the newest gradle version and see if that fixes it.

**Checkpoint 2 Tim 17-02-2022****Stankov, Nikola N.M.** 4 months ago

Discussed topics:

1. User stories:
  - Add some kind of identifier in the user stories
  - Indicate where the user needs to click or go to in order to see some of the user stories
  - When talking about seeing details, write down exactly what these details are
  - Add user stories for creating account and logging out
  - When talking about user information stick to the established laws and store only what is necessary for the system
2. Dependency inversion and application structure
  - SRP is a grey area so as long as I can defend my choice and solution it is fine
  - Similar structure (data access, business, model and controller layers) is good for the individual project
  - Deliverables for Sprint 1(GET requests should be done by using fake data)

To do next:

1. Refactor and complete user stories
2. Start setting up the environment for the actual project

**Checkpoint 1** Tim 10-02-2022**Stankov, Nikola N.M.** 4 months ago

Discussed topics:

1. Idea for individual track - the idea was approved with a small note to add more stuff of my own and not just build an UI based on the online API.
2. Where to put the user stories - doesn't matter as long as I justify the reason and it helps me organize and get value out of it.
3. Java and Gradle set up - setup seems fine, test are working.

To do next:

1. Create user stories and decide in which document I should put them.

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