



Koitchev, Ivan I.G.



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## Checkpoint 7 11-01-2022

**Koitchev, Ivan I.G.** 3 days ago

Sprint 6 update:

What I showed:

I demonstrated working shopping cart, existing products list with a filter by genre and search by name options. A chat room using websockets and also storing messages in the database. Implemented protected routes, which do not allow users that are not logged to access sensitive routes (example given with the shopping cart). Redirection to another URL for sign-up or sign-in when required. A small bug was present for the shopping cart (new user with a full shopping cart), but by the time of writing this checkpoint the problem is already solved. At this point documentation is finished and approved.

What I will work on now:

Regarding functionality, only some small changes are still necessary, e.g. profile page. Apart from that, more tests will be implemented, including end-to-end testing. Unhappy flow for already tested resources is suggested. Jacoco for code coverage.



Write a summary of what you discussed with your teacher...

Post Feedback

**Checkpoint 6** 21-12-2021**Koitchev, Ivan I.G.** 22 days ago

Sprint 5 review:

What I showed:

I demonstrated working authentication. I had created a login/logout form and set up most of the routes on the frontend. I had working authorization, even though it was not used in the demo. Regarding documentation, I showed the final version of my Design Document, as well as the completed Research Document and OWASP report.

What I will work on now:

At this point the backend is mostly done, so I will focus on finishing the visual part as well as the logic of the frontend. Some of the feedback that I received is that I need to add Jacoco to my project for calculating test coverage. I also need to add more unit tests. Another suggestion was to start using logger for logging important information in the backend, rather than printing it to the console. Regarding documentation, I need to add project description to the Research document.

**Checkpoint 5** 02-12-2021**Koitchev, Ivan I.G.** a month ago

Spring 4 review

What I showed:

During the feedback session I received feedback on my sprint 4 deliverables. I have implemented unit tests. Authorization/authentication is still work in progress. I have added SonarQube to my project at performed an analysis. I do not have Dot Research methods in my design document and ux feedback, as my front end is not yet ready.

What I will work on now:

My first task would be to finish authentication/authorization. Then I will focus on doing the necessary documentation (research methods for design document). UX feedback survey will be conducted in a later point, after I have more of my front end ready.

**Checkpoint 4** 23-11-2021

**Koitchev, Ivan I.G.** 2 months ago  
Sprint 3 review

What I showed:

During the feedback session I received feedback on my testplan and research document. According to it, I should include a few research methods to my research document and add additional testcases with more details to my testplan. At the point of this meeting, I am slightly behind schedule with the deliverables for Sprint 4. Therefore, the plan for the upcoming days is to catch up with the deliverables for the current sprint, more specifically, to work on authorization/authentication and unit tests.

**Checkpoint 3** 15-10-2021

**Koitchev, Ivan I.G.** 2 months ago  
Sprint 2 review with Kiavash Bahreini

What I have shown:

At this point I had covered all the requirements for the current sprint, including frontend to backend connection using axios calls, as well as created the relevant documentation such as the first version of my design document and the c1, c2, c3 diagram.

02.11.2021

Feedback session with Nico Kuijpers

What I have shown:

So far I had established a connection between my database and the backend using ORM. I have also ran the first SonarQube scan on my project. Regarding documentation I have created a database ER diagram.

Feedback:

I received a suggestion to use DTOs in my API where relevant.

What I am going to do next:

I am going to finish the rest of the deliverables for the current sprint (3), which requires me mainly to focus on testing on the research document. I am then going to work on creating different pages on my frontend.

**Checkpoint 2** 05-10-2021

**Koitchev, Ivan I.G.** 3 months ago  
Feedback session with Nico Kuijpers

What I have shown:

So far I had created the first version of my API containing with an endpoint for each CRUD operation. I have a working CI pipeline that can build and test my backend. Regarding documentation, I have a user stories list, a project plan, functional and non-functional requirements as well as the first version of my design document, containing the C4 architecture.

Feedback:

In my design document I should also include a database design diagram. I should take a look at the maturity levels of RESTful API (Richardson) and update my API according to level 2. In the fake data store I should use hash maps instead of lists.

What I am going to do next:

First off, I am going to work on the rest of the deliverables for sprint 2, namely frontend. After that I am going to focus on updating my backend and documentation according to the current feedback.

**Checkpoint 1** 03-09-2021

**Koitchev, Ivan I.G.** 4 months ago

The topic of my project will be a Video Game Store. Users of the website will be able to register, add funds and purchase games. There will be the option to upload a game, which has to be approved by the admin first. Changes to the already uploaded products will be possible by the author only. After a game is purchased there will be the option to upload, update and delete a review for the game. Searching a game will be possible through with search box or with filters. Users can edit their profiles and request a password recovery.

The project plan adheres to the following requirements:

1. Having 2 different roles
2. Login/registration functionality
3. Authentication/authorization
4. 3 tier architecture (frontend with ReactJs, Backend with Spring Boot and a database)
5. Axios connects the frontend to the backend
6. CRUD operations
7. Filter and search options
8. Uploaded in 2 different gitlab repositories each with CI/CD pipeline
9. Java RESTful web services

Project Plan was approved by Kiavash Bahreini