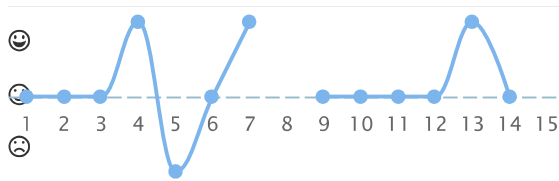




Zhizgov, Georgi G.A.



Checkpoint 15 Week 17 - Jaap 12-01-2023

**Zhizgov, Georgi G.A.** in a few seconds

- What did I do?
  - Updated my documents, managed to work with docker(setting back end image, front end image and db image) but not composing them, just using them separately, fixed web sockets, implemented UTs.
- Did I run into issues?
  - Creating a jar for the back end image and when creating the front end image I had to use --force in the docker file due to mismatching of versions.
- What was my feedback?
  - I need to complete front end tests, maybe fix design(if there is enough time), complete functionalities(in this case aggregated data), ad AAA on testing.
- What will I do?
  - Complete and submit final version.

Checkpoint 14 Week 17 - Bart 11-01-2023



No feedback submitted.

**Rabeling, Bart B.T. (Teacher)** 3 days ago

- Make sure to add unhappy flows to all types of testing! This includes thinking about exceptions that can be thrown in itself or dependencies.
- Also, use/inherit from RuntimeException instead of Exception

Checkpoint 13 Week 14 - Jaap 08-12-2022

**Zhizgov, Georgi G.A.** a month ago

- What did I do?
  - Updated my documents, started to implement more functions in the front end, fixed 3 setters, fixed the logic, started working on WebSockets implementation.
- Did I run into issues?
  - Model of CI setup diagram was vague for me, fixing the setters when using Lombok @Setter was confusing and front end methods require some details that I miss due to lack of awareness when comes to front end.
- What was my feedback?
  - CI diagram is ok so I can use it in the Design document, WebSocket can be used in a chatbot and saving data from the chat is not required, email system is also not required, design document APA formatting should have references only if I have no citations.
- What will I do?
  - Complete Design document, update test document, update UX report, do more UTs, test the api layer.

**Checkpoint 12 Sprint 4 review - Bart** 30-11-2022**Zhizgov, Georgi G.A.** a month ago

1. What did I do?

- Created a couple of UTS, applied APA formatting style on my Research Document, moved responses and request to the controller, updated test plan, completed my C4 and applied it at the design document, created an UML Diagram, improved my Design by using react-toastify which helps me inform the user what is going on during the process by showing him messages, started implementing the reservations in the front end, updated my YML so when I push it builds, tests and .post(SonarQube), updated destination functionalities in the front end .

2. Did I run into issues?

- Could not show a single destination due to syntax errors and a bit of misunderstanding how react js works, APA formatting and the rest of the requirements of Sprint 4 were Vague, so It was hard to understand what was required from us.

3. What was my feedback?

- CI diagram needs to be updated, I need to apply APA to the design document design document, if I want to avoid using window.location.reload(), I need to see how store pattern react works. What is more - UX report needs to be linked to the principles of the presentation

4. What will I do?

- Implement almost all of the functionalities in the front-end, update documents, research on how to apply email system so I can send the reservations to people's emails, start implementing websockets(maybe).

**Checkpoint 11 Week 12 - Jaap** 24-11-2022**Zhizgov, Georgi G.A.** 2 months ago

1. What did I do?

- I created a converter layer that converts entities to request and entities to responses, so that the Api layer works with requests and responses and the business and dal work only with entities. I also created CRUD functionalities for reservations, updated the front end so it is better for UX, updated the documents and the URL of each functionality. I also did a couple of unit tests.

2. Did I run into issues?

- Figuring out how to work with the role was tricky, so I decided to send it with the tokens,

3. What was my feedback?

- I need to move the response and request classes in the controller so I have only my entities in the domain. I also need to add SonarQube to my yml file so that it updates SonarQube every time I push automatically.

What is more, I had to either create a separate repository for the front end or creating a subfolder in the repository so I can move my back end and front end in subfolders so they can be in the same repository. The moving part of the back-end files should be done by command, so git knows about it.

4. What will I do?

- Make more UTs, move responses and request to the controller, complete my test plan, my c4 diagram, update my uml diagram, use APA in my test plan and research.

## Checkpoint 10 Week 11 - Jaap 17-11-2022



**Zhizgov, Georgi G.A.** 2 months ago

1. What did I do?

- I fixed SonarQube and it works, I created a test plan(it is not finished yet), edited the Design Document, I edited my project plan's backlog and restful services, I learnt how to store the tokens in session storage and how to use them, I updated my front end with functionalities, I fixed the login method in the front end and I created a separate folder in React which will be used only for js files which will use axios to connect the front end with the back end.

What is more I also created UML diagram which will be used in the Design document.

2. Did I run into issues?

- When the login is being called in the front end it requires changes in the configuration file, because the log in method has already been implemented by Spring and I cannot use @CrossOrigin in an already implemented class, what is more I did not know how to store and use the tokens in the front end.

3. What was my feedback?

- I have to create a convert layer which converts the entities to response/request or the other way around, so each layer is working with the detail it needs and no private data is exposed to the front end. The test plan is okay, but I need to write how am I going to test each part individually and why. Git's yaml file needs to have sonarqube in there. I should also send the role when logging in, so I can set the authorization of the pages in the front end by token and role.

4. What will I do?

- Complete test plan, implement unit tests, set the pages to work with roles and authorization, implement more methods in the front end fix design.

## Checkpoint 9 Sprint 3 Review - Jaap 10-11-2022



**Zhizgov, Georgi G.A.** 2 months ago

1. What did I do?

- My database connection was done long time ago, I did authentication and authorization, set up my security, hashing passwords, updated my Design document and Project plan, tried connecting SonarQube and I started using axios instead of fetch.

2. Did I run into issues?

- I couldn't make the authentication work, due to the fact that the security was extending a deprecated class so I had to find an alternative and what is more it couldn't retrieve the access and refresh tokens, because of the password encryption.

3. What was my feedback?

- I need to restructure my design document and add c4, go deeper into my research about @Autowired, uninstall and install again SonarQube and I need to research which is the best way to store the tokens in the front end.

4. What will I do?

- Connect the SonarQube, update my documentation, research and implement tokens storing and implements product CRUD and reservation.

## Checkpoint 8 Week 8 - Jaap 20-10-2022



**Zhizgov, Georgi G.A.** 3 months ago

1. What did I do?

- I managed to use routing in my front end and started implementing the product part of the project.

2. Did I run into issues?

- The routing was not working for a while and my log in method did not work.

3. What was my feedback?

- My log in method needs to be POST method not GET method, because the POST method retrieves and answer.

4. What will I do?

- Work on authentication, authorization, complete the documents I need to submit for Sprint 3 and start working with axios(maybe).

**Checkpoint 7 Sprint 2 review - Bart** 12-10-2022**Zhizgov, Georgi G.A.** 3 months ago

1. What did I do?

- I made a successful connection between the front end and the back end, I did my design and research document and c3 architecture.

2. Did I run into issues?

- I had no idea how the design document should look like because there is no template I can use, so I had to improvise. Also connecting the FE and the BE was hard using axios, so I managed to do it using fetch.

3. What was my feedback?

- Everything seemed to be good, in my design document I should explain how every SOLID principle is guaranteed, not only giving the description and if some of them are not used I should explain why.

4. What will I do?

- Start working on routing, complete my design document, implement the product part.

**Checkpoint 6 Week 6 - Jaap** 06-10-2022**Zhizgov, Georgi G.A.** 3 months ago

After yesterday's discussion with Mr. Rabeling I still had a couple of questions, and what we really discussed today with Mr. Geurts was my c4 architecture and all I needed to include in it is the other role of the user (Administrator/Manager). What is more, we also had a discussion about the products (Holidays reservations) and the relations between the classes- long story short, the product will be call Destination. When a client would like to make a reservation, each reservation will have only one customer and destination, while each destination can have multiple customers and customers can have multiple reservation. In this case, what I can also improve in my c4 architecture is adding additional system in c1 which might be- payment system when the customers make reservations, a location system(like including google maps for each destination, so you can exactly see where it is and lastly an email system in case I want to send the customers their vouchers with the bookings or I can include a personal page with all the bookings.

**Checkpoint 5 Week 06 - Bart** 05-10-2022**Rabeling, Bart B.T. (Teacher)** 3 months ago

Technically, everything seems to be going fine, but for now none of the sprint 2 requirements have been met, with only 2,5 days to go. It would be wise to start working on these earlier in the sprint.

**Zhizgov, Georgi G.A.** 3 months ago

1. What did I do?

- I have created React, almost connected it to the back end

2. Did I run into issues?

- I couldn't find a way to connect the backend and the frontend using axios, so I tried with fetch.

3. What was my feedback?

- That I should follow the current sprints requirements, because I am left behind and everything is on schedule, for example I shouldn't have tried to connect the database while I still have documents to complete.

4. What will I do?

- Connect front and back end, do C4 diagram, finish research document, maybe start an UML diagram

**Checkpoint 4 Week 5 - Jaap** 29-09-2022**Zhizgov, Georgi G.A.** 3 months ago

1. What did I do?
  - Complete database connection and setting the JPA.
2. Did I run into issues?
  - In application.properties I couldn't find the right way to connect the database.
3. What was my feedback?
  - That I do not need to have separate interfaces and implementation classes for each use case, and I can instead set the methods (e.g., everything with user) in one service class which has one implementation class.
4. What will I do?
  - Create react pages, connect them with the back end.

**Checkpoint 3 Sprint 1 - Jaap** 22-09-2022**Zhizgov, Georgi G.A.** 4 months ago

1. What did I do?
  - I did the project plan, CI set up (incomplete) and layering
2. Did I run into issues?
  - I was not sure in my acceptance criteria, CI set up failed due to incomplete installation via power shell, database still not set up and I will start using real one not a fake repository.
3. What was my feedback?
  - I need to finish my acceptance criteria and then connect it in a table with the user-stories, work more on the API layer and complete the CI set up and be more specific in general with the whole documentation.
4. What will I do?
  - I will do what was mentioned to be done at my feedback session + Start implementing React .

**Checkpoint 2** 14-09-2022**Zhizgov, Georgi G.A.** 4 months ago

1. What did I do?
  - I did the project plan with some missing parts.
2. Did I run into issues?
  - I was not sure in the user-stories and did not know how to do acceptance criteria
3. What was my feedback?
  - Most of my parts were okay but estimation and acceptance criteria were missing and I should be done before Friday.
4. What will I do?
  - I will complete my project plan and start some implementation.

**Checkpoint 1** 07-09-2022**Zhizgov, Georgi G.A.** 4 months ago

1. What did I do?
  - I came up with an idea for the individual track
2. Did I run into issues?
  - I was not confident enough in the idea I had, so I can start working on it more.
3. What was my feedback?
  - The teacher accepted my project idea and I was advised to prioritize the types of users, put everything I said into user-stories and finish my documentation before next week, so I will not be out of the track.
4. What will I do?
  - I will start my project planning, so I can finish my documentation as mentioned above before next week and smartly prioritize the different roles for my booking hotels apps.