Self reflection - Andrin Rüegg

I worked with Gabriel on the front end of our group project. I found the project itself very interesting and enjoyed working with my friends. On the front-end, I mainly did the visuals and Gabriel did the CRUD functions, but I think we both did a good job on the project. I think everyone in the group was treated nicely and the tasks were shared fairly. I was also able to learn a lot during the project. For example, I got to know React in Type-Script better, and now I also know how to make a good website that is responsive. But sometimes there were also problems. The CSS was sometimes very tiring and confusing, and when I realized that our website was not responsive, I wasted a long time changing the code. There were also repeated problems with pushing and pulling. Often I either couldn't push because someone else had pushed something, or there were merge conflicts. But also very often I was told not to push because you had pushed the code to GitHub with errors and I couldn't continue with it. Besides, I sometimes have a crisis because my laptop is very bad and I had trouble getting the docker on and running the front-end and back-end code at the same time. My laptop kept crashing. One day I couldn't do anything because I was at a funeral, but that wasn't a big problem for our group. In the end, however, we were able to fix all these problems and we had a good end result.

Self reflection – Aryan Bisen

This project was spectacular and a completely new experience for me. For the first time, I worked on a full-stack application with other people. I was not only able to incredibly develop my technical skills, but also my social skills and as a team member or sometimes also as a leader.

When we started the project, we thought that backend would be more complex than frontend. That's why I was responsible for the backend with Max and Kenneth. We discussed the entire backend structure and wrote everything down on Notion. One mistake we made during implementation was that we implemented the authorization at the beginning. This meant that the frontend team had no access to our backend. To fix this, we reverted to the old version. I now also understood the importance of regular commits and informative commit messages. Later I worked on the frontend as well as the backend. Connecting the backend with the frontend was a bit time-consuming at the beginning. Phuc was able to help me with the implementation of the JWT in the backend. I worked on almost everything that had to do with functionality and algorithms. But I didn't do anything for design and also not so much for the documentation.

I think I can learn the most from projects like this. For example how to create an JWT or getting a much deeper and better understanding of the backend as well as the frontend. I was very motivated throughout the whole project. I took on a lot of responsibility in this project and came up with a lot of ideas and solutions. This required a lot of concentration, creativity and logical thinking. Almost all of my proposed solutions were implemented. We also had a lot of meetings at the beginning. It was important for me that everyone knew what they had to do and that we could solve the next steps and any problems. I was often able to my team members with problems.

When I had problem I could ask my team mates as well. They could often help me. Otherwise searched it up on the internet and if this still couldn't help, I went to the teachers.

I am basically very satisfied with my performance. However, it also caused me a lot of stress. What I could do better is to stick more to the planning and work better with the to-do list. Also I should've invested a little more time in the documentation. I wasn't sure how relevant the documentation was.

Self reflection – Gabriel Arocha

In our fullstack application project the teamwork was a crucial part to achieve success. Working in a group is a very important skill that should be learned early on, especially in software development. For our team consisting of Andrin, Aryan, Kenneth, Max, and me, we had some good times and some challenging ones. It is also important to note that you can only expect an effort from others if you invest at least the same amount of work.

Successes

I personally liked the dynamic in our team. In my opinion the pressure on each other was not too high so that I felt comfortable during the whole time. I do think that I could often invest a positive amount of work for the project and was able to put my touch into things regarding the logic in the frontend part of our application.

Learning

I learned more about how to communicate things so that they sound rather empowering or aim to fix problems rather than just blame others, or myself, for an issue. I am yet on the way to understand and learn more about this topic and in my opinion this project was a great opportunity to build up on this skill.

Challenges

For me, a challenge that I faced during this work was how to handle situations where teammates, or myself, had nothing to do to improve the project. As for that we usually gave an exercise which is not necessary programming-related but more of an administrative task that had to be tackled sooner or later. Having workers who are not doing anything are something that should always be avoided especially in a group project, they may cause distraction or simply lose the overview of the project. I see personal room of improvement when it comes down to Git. Unfortunately, I witnessed some situation where I could not handle Git properly which led to loss of code or merge conflicts. I am thankful that my teammates could support in most of the issues and that I am now stronger in Git and know how to possibly handle several issues in the future.

Self reflection - Kenneth Dang

In general, I think we did a good job on our group project. I really enjoyed working with Gabriel, Aryan, Maximilian, and Andrin. I was mainly part of the backend group, so I can mainly judge the cooperation within our team. At the beginning, I thought we were over-exaggerating the planning, but towards the end of our project, it really came in handy.

One area for improvement is setting our priorities. I think we might have over-planned a little. We spent too much time on planning instead of focusing on the implementation of the project. I believe this is why we could not finish everything. But yet again planning is very important.

I also think there is room for improvement in our communication. The lack of communication led to a few merge conflicts, which could have been avoided with better coordination. Additionally, we sometimes committed changes that were too minor, such as a whole commit for a typo.

What I would try to do better next time: I would try to start the implementation of the JWT and reservation features a few days earlier. We should communicate with each other before every commit and clean up the code before committing.

In the end, despite these challenges, our teamwork and dedication allowed us to create a good project. I am proud of what we achieved together as a team and look forward to working with them again.

Self reflection – Maximilian Nöthe

Over the last two weeks, I have been working with my team members on our first full-stack project. We experienced all the highs and lows, and in this reflection I'll give you my view of the project.

The communication was very good at the beginning of the project and I always knew what I had to do. I was always able to build on and expand my tasks and features based on the work of the other team members, so it worked like a tandem without getting in each other's way.

I also had no problems with the logic at the beginning. I had to create the basic layers of the various domains and use the simple fields for the entity classes. I also had few problems with the service and controller classes, but it became more challenging with the logic.

As far as the administration is concerned, I think that this should have been better adhered to at the beginning, as I started to organise my work incorrectly in the middle of the project. In addition, we were not on the same page with the frontend and so I didn't know one hundred per cent what the frontend needed, which led to me creating features that the frontend didn't need until much later or working on other things even though the frontend would have needed certain features. The main problem was probably that many people (including me) didn't continue with the to-do list after a while, which then led to this problem.

Back to the code, which I am semi-proud of, as I made a lot of mistakes and pushed which only led to blockages and wasted time. Later in the project I also had problems with the service layer for the reservation and from then on part of the project failed. A lot of things no longer made sense and the backend was not harmonised with the frontend, so fields and certain features that were necessary for both sides were missing.

Next time, I'll focus more on planning at the beginning so that I know exactly what needs to be done.

Despite all the problems and miscommunication, I think our team did a very good job. Everyone had something to do and many were able to complete most of it. There is a lot to consider and improve for the next project.