Process report

Date: 19th June 2023

Location: Eindhoven

Members: Ciuperca, Diana

Daba, Alexandru

Digrys, Augustinas

Rasche, Milan

Tutor: Lepper, Frank de

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Introduction

Over the course of the last 6 weeks our group has adopted the agile working method. Agile is a working method that aims to improve the flexibility of working in comparison to waterfall method. Rather than having a fixed plan where all decisions are made at the start, we work more closely with a client and the whole process is designed to have frequent meetings discussing the upcoming features and steps.

Communication

Communication was a strong point of our team. Our group was always able to quickly come to decisions and everyone knew what their role in the group was. The client meetings felt always productive, we were able to answer most of the questions we had and looking back over the last 6 weeks its clear to see how the design and functionality of the application have evolved to better suit the requirements set out by our client.

Task division has been simplified with the application growing to include the web app. This has made it easier to work as git conflicts are less common. Though one downside that has been that as the app grows each induvial knows less about all the different aspects of it so communication about functionality and implementation has been more important among group members.

Work division

Work division continues to be an important part of the project. We started out with a Trello board which we transferred to the git board we have now. The git board is a useful tool for knowing what tasks are yet to be done, it allows for a sense of autonomy when working as group member that are done with one task may just look at the git board and pick a new task to do. One issue that we have encountered with the git board is it can be hard to know how specific/detailed each task on it can be, and additionally people often don't update the task once they are finished.

Team agreements and planning

The team agreements are that the most important thing for everyone to attend are the meetings. This means we all expect each other to be there and on time on Mondays and Thursdays.

Outside of meetings there is an expectation that the group work together and help each other. However, this is less strict and unless something is being worked on that requires the whole group to be present it is possible to go and work at home.

Monday – 3 hours of teamwork in the morning designated for tutor meeting, documentation, and planning

Tuesday – 1 hour of teamwork dedicated to creating the meeting agenda for client meetings.

Thursday – 6 hours of teamwork designated for implementation and client meeting

Additional – 2-3 hours of individual work based on our free time per person

Personal reflections

Diana Ciuperca: Reflecting on the project as a whole, I found it to be a pleasant and interesting experience collaborating with my group members. We got along very well and the team management was one of the best I've ever had. The opportunity to interact with a client was particularly valuable as it provided insight into how a real-life project would play out. The client's requirements may not always align perfectly with our initial assumptions of what is best, but we understood the project is not about what we want, but what the client wants and needs. I took on the responsibility to design most of the website and create the functionality on the animal management side. The collective experience of both myself and my teammates allowed me to explore numerous new concepts and approaches. The diverse programming styles exhibited by each team member provided fresh perspectives that broadened my understanding. I am satisfied with the progress and achievements made by our group throughout the semester and I am pleased with the final product we created.

Alexandru Daba: As the end of the project is upon us, I can only be grateful and happy for the privilege of being part of an amazing team. I can happily say that we've managed to complete 95% of the things we hoped for and in other aspects even more. I think my communication skills have improved greatly and that we've all learned a great deal while working together, challenging each other to meet requirements and deadlines and most importantly dividing the work fairly. I hope that sometime in the future we'll be able to work together again.

Augustinas Digrys: Throughout the whole project I did not have a doubt that something could possibly go wrong. Of course, there were moments when all of us were focusing more on our individual projects, but it did not make any negative impact on the product. I liked the idea of that type of project when teachers made it as formal as possible and made this experience very valuable. We took every request or remark not only from our client, but also from our tutor seriously and each week we showed the improvements on mentioned aspects. Talking about the results, we

managed to reach even more than planned in the start, it says a lot about group's dedication. We managed to split tasks equally - just like in the previous sprints, but in specific features. It was getting harder to work on every feature together because they were getting bigger and bigger. Different coding preferences also made code to take longer to understand. Every one of us had big responsibilities on specific features, so we had to trust each other and that was also one of the main keys to success. The whole time with my group was very enjoyable and invaluable.

Milan Rasche: Looking back at the project as a whole it has been an enjoyable experience working as a group. Having to interact with a client was also valuable in learning what it's like to undergo and iterative design process. Understanding that the client might have requirements that don't quite align with what you might think is best. I'm also happy with what I have been able to achieve and accomplish within my group during the duration of the semester. During the duration of the project, I was responsible for the group git. In the last few weeks, I have been focused on the ticketing system and on the scheduling system. Where the others have been more focused on specific parts of the project, employee management or animal management, my role has been a bit more flexible helping resolve bugs and issues, doing a lot with the database and such. Overall, I happy with how our group managed to work together and I'm looking forward to the next semester and the next group project.