

- Since this is a course about Agile management, I would like to learn more about the connection between agile practices and the product that you create. During this course and the several weeks that I have worked on my tasks I have increased my understanding of the code I write and how to better understand new things and solve problems. In addition, my knowledge of the agile practices has increased as well, especially in understanding the value of meetings, retrospectives, scrum, daily stand-ups and reflections. However, I feel that at the end of the project I will look at the finished product and see it for what it is and not think about how the agile development help the group go from start to finish. Where I want to be is in a position that I can look back on the product and see where the agile principles helped the group and me achieve something. I believe that I see the development through a different perspective because I have done many projects before and I often focus on the quality and quantity rather than the process. My plan is to understand this connection(as I mentioned above) for future projects as well as on this entire project. To achieve that I will have to learn more about the agile practices and methods. Some of my ideas include watching videos and reading articles made by people working in the industry. I could also talk with teachers or students at the University who have more experience with working agile perhaps. Another idea I have is to write down the most important things about agile that I focus on and then make a checklist of them. By doing that I can keep an eye on the checklist while working on a new project and make sure that I follow it so that I do not only prioritize making quality code.

Looking back at my previous reflections I can see that I have managed to learn new things and that my comprehension has improved too. For example, the first weeks I had little understanding of sprints and prioritization but now I feel that I have a lot of knowledge and skills with those things. For the rest of the weeks many things I have reflected on have been regarding the technical aspects of Github and the coding platform. Especially with Github I have improved my understanding of the different tools and I can use it more efficiently compared with previous courses where I used it. However, understanding the coding languages has proved to be more difficult than I imagined. I have learned new ways to code and new functions but many of the problems that we encountered during pair programming for instance, were small grammatical errors or files not reading properties correctly. I wish that I could have increased my understanding in that area but sometimes small errors could be very aggravating for you. In addition, I wanted to learn more about code review for this final sprint. However, I could not convince everyone in my group to work like how I had planned so instead I played around with the tools of Github and practiced that way. Although I did not get to make an official code review I had some problems with conflicts and a pull request and so I focused heavily on commenting everything I mad in git so that if anything were to go wrong my detailed comments would help me or others who might look at it. I managed to fix the conflicts anyway but I thought it was good practice to keep the changes well commented in case of a huge error.

- For this week my major role was to prepare the presentation and demo videos of our website. I have worked with making videos for my projects before in other courses and so I volunteered to work on it during this sprint. I also have a lot of experience from school on how to make a visually pleasing and attractive powerpoint presentation and so I believed that I could help the group in that aspect too. I wanted the other in the group to feel comfortable with me doing the videos and so I shared my process with them. My plan was to perhaps inspire someone else to also work on a video and then my plan was to offer my help by showing them how to record your screen by using VLC media player. But my team

members were comfortable with me doing it, so I did not have to help anyone. However, if someone would have asked me I would have helped them by inviting them to a Zoom meeting and then I could use screen sharing and help them that way. Needless to say, if someone also had some questions about what to include in the presentation I could also invite them to a Zoom room and then we could discuss it that way. I personally believe that I could help my team members with such a meeting because maybe they will have a course in the future where they have to make a video of their project or an attractive presentation.

Looking back at my previous reflections I can see that I have managed to help many of my team members on many occasions or that I have had good plans of how to help them even though they did not turn out to ask for help. Especially during week five I assisted my team member Antonia when we pair programmed and she learned new things and she could work more efficiently. I had better experience with Git and IntelliJ than she had and so I could help her that way and it turned out great. However, I believe that it would have been very interesting if I pair programmed with someone who had less experience with creating functions and algorithms. Then I could have helped them by maybe think of a creative solution that solves an advanced problem. But it turned out that me and Antonia were on the same level when programming so that never happened but we worked very well together.

- I believe that our final sprint and especially our use of scrum has been the best one in the project. After our first meeting at the beginning of the week it felt that we all knew where we wanted to be at the end of the week and what we had to prioritize and what we had to leave out. I contributed by being a little more detailed on Trello and since this is the first course that I have used Trello I am very satisfied with how much I have learned using that tool. My plan for the end of this week was to make sure that as many tasks as possible were well-defined so that the people who worked on them could understand them without confusion and finish them efficiently. Another contribution I made was to give friendly reminders to the rest of the group to ensure that they also were active on Trello so that everyone is aware of each other's progress. My plan for reaching my goal at the end of the week was to make sure that all tasks were well defined and had crucial description if the task's name was a bit vague. There were some tasks that I would have liked to work on for the week and I believed that I had good knowledge of how to make good solutions. However, I had acquired a good amount of work load already so instead I wrote descriptive information on those tasks so that the people who worked on them could work efficiently and not get stuck in the process. As I learned from previous weeks I knew that I had to always be active on Trello and not only on my coding platform. My idea was to always end my own working session on Trello so that I could reflect on my own work and see the progress the others had made. It so happened that I saw that some cards have not been moved to their proper places and from discussions with the group earlier it was clear that the cards needed to be moved and so I reminded my group by sending a message in the chat.

Looking back at my previous reflections I can see that my use of scrum has improved significantly. The third week when we began using our Scrum properly and we had our first sprint I thought that the questions were reserved for the Scrum Master for some reason and I wrote nothing of value on that point. However, I improved my understanding of scrum during the many sprints and so I learned new things as well. For example, the way we planned and structured tasks were always changing from sprint to sprint because we realized that we either took on too much work or that one task was not detailed enough for a person to fully

complete it. One major thing to mention is that our definition of done was something that we managed to specify in a more detailed way after we reflected on one of the earlier sprints. Looking back at scrum, I am very pleased that I have learned to use the site Trello and control the scrum board that we created. At first I had no idea what the site was and it was very foreign to me, especially all the columns with the cards confused me. But with time I became very skilled with the site and I increased my activity on the site as well which I believe is very important through an agile perspective. Now I feel that the scrum board is a part of my weekly planning and it is a tool that I have to include. At first it was more a list that I looked on to make sure I knew what my task was and I forgot to move my cards sometimes. But these last weeks I have been working efficiently with the site combined with my tasks and I have always made sure to be extremely active on the scrum board. For future agile projects I will definitely use Trello and hopefully learn more about the different functions the site has to offer. I believe that I can increase my understanding of scrum and work better through an agile perspective by using that tool.

- For this final sprint my tasks were regarding the presentations and creating videos for our demo. In addition, I also had to create a help page that would be an additional tool on our website to help people who do not understand how to navigate the pubs for example. Before our sprint review I wanted to be finished with the help page so that I could show it to the others to hear their thoughts and if some small bugs were to occur we could fix that together. I also wanted to have a well structured powerpoint presentation ready to show them so that they also could express their views on that. My goal was to make a plan for the week so that I could be efficient and get things done. My team member Jennifer was with me on creating the presentation so I knew that I had to discuss with her when we should take time to work on it. Then I could plan when to work on the help page so that it would not come between me and Jennifer's working session. I managed to get my tasks done before the sprint review and that was thanks to the planning of my weekly schedule. In addition, I discussed my progress with my team during our small stand-up meeting so that they knew where I was in the planning.