

What do I want to learn or understand better?

I had hoped that I would become more skillful using the frameworks than I did. I think it is partly due to trying to write my bachelor thesis which has required a lot of attention and energy this semester. I also switched to frontend as the backend that I had previous knowledge of (the SQL part at least) already had enough people assigned to the related user stories. Frontend was a completely new thing to learn at sprint 3 (sprint 2 really but as mentioned in our team reflection, our group did not do much that sprint). It was also difficult to keep up with the fast progression, once I had gotten the hang of one thing, more features kept coming which was good for the project but caused a lot of stress. I also think I asked for direct assistance way too late but at the same time I wanted to learn by using other sources and if I had asked the people with more expertise they would have done the entire user story themselves within 1-3 days. This possibly could have been prevented if we had implemented workshops earlier, worked together more often in school or done user stories as a pair. Pair programming was not something our group wished to have when it was suggested early on but I think it might've hurt us by not doing it.

I feel like working with scrum is something I definitely want to keep learning during my next project. During this project I was unfortunately unknowledgable as I had no prior experience in anything except Java and SQL. This caused some group members that had the same level of experience as me to be very unsure of what to do and how to do it. It affected Scrum in that some people could not contribute to the more detailed part of the creation of user stories. That meant that acceptance criterias had a big risk of being either too vague or being easy to misunderstand what actually had to be implemented but we tried as a group to minimize that risk. I feel like I have tried my very best to instead learn and get better at the agile process and how to lead our group to do sprint planning, daily standups, sprint review and retrospectives in an efficient manner. I am still not entirely sure how good we've become but I personally can see how our group is nothing like how we were back in the early sprints when it comes to Scrum.

I would also like to keep learning about "slicing the cake vertically" as I feel like that is something that we struggled with a fair bit during the project, at least early on. An example is that we created the database horizontally really early which might have been the reason for problems and bugs that we have had in later sprints. To do that I think I could apply my newfound experience and knowledge in this course to establish vertical slicing early on the next project. By building a solid foundation it should be easier to keep the habit throughout the project.

How can I help someone else, or the entire team, to learn something new?

When doing my user stories I needed help from group members with the finishing touches that I have needed to do since the end of sprint 5. I did not see any opportunity to help where I had the expertise to do so. My contributions towards helping people or the entire team learn something new have been various discussions and perhaps a short check on some line of code that had to do with SQL during the workshop.

What is my contribution towards the team's use of Scrum?

As the scrum master I led the sprint planning session, daily standups, I booked rooms and organized the workshop session and also led the sprint retrospective. During the sprint planning I participated as best as I could in the creation of our sprint goal and relevant user

stories, led the planning poker and actively participated in appropriate prioritization of our user stories. I really enjoyed being the scrum master during this project and nobody seemed to want to take the role this time around. I hope I can keep doing this role for my next project. To do this I will have to get even better and learn from both the good and bad parts of this project in order to perform better in the next.

I've also been enforcing the rule of adding actual effort to the stories as well as stress levels and logged time in our spreadsheet. Together with some input from Hugo I have been adding data to our KPIs throughout the project. Next project I want to have started on our KPIs earlier and I want a better structure that would look like an improved version of sheet 2 in our spreadsheet that I added late to our project. That way I don't have to sift through user stories in the Done part of our scrum board and it will be easier and more efficient to gather the data which will make it more accurate as well.

What is my contribution towards the team's deliveries?

This sprint I completely finished user stories 5.1, 5.1.1 and 5.2. Regrettably 5.1 and 5.1.1 was supposed to have been done a couple sprints ago and the feedback from the review was supposed to be done at the end of sprint 5, but as previously mentioned, more and more features needed to be implemented. For example, 5.1 was originally meant to have basic CSS as it originally said in our acceptance criterias but was later removed. By the end of the first sprint where 5.1 was in progress, our group had in my opinion already started to implement more advanced CSS that I had no previous experience of. Therefore 5.1 also had to include the more advanced CSS as well which probably would have been another user story if it was finished in pace with the rest of the frontend. Also, as my individual reflection from week 3 mentioned, I had hoped to continue working with SQL and backend during the project. I could have gone back to backend user stories but I felt like I should help on the frontend in order to balance the amount of people working on backend and frontend. It however backfired a little bit as it was hard to deliver frontend features with high enough quality with no previous knowledge and very short sprints, especially when the sprints are at the same time as my bachelor thesis that took a lot of time and effort because we are aiming for a grade 5.

Aside from user stories, I also did issue #75, #110, #115, #127 and #130 this sprint and I reviewed a few pull requests regarding both user stories but mostly issues.