Agile software management - DAT257
Individual reflections

Week 1 - 03/09/2021

My learning objective for this course is to learn how to work in a team using Agile. Moreover I want to learn how to work with people from different nationalities who probably have different ways to work.

Also, testing softwares is something that I like a lot and the project would make it possible for me to test software using Agile, thus understanding better how I would have to work in a team in a potential future internship as a Quality assurance engineer. It would also be interesting for me to understand in depth how user stories work, how a testing engineer has to work with the product owner or the scrum master etc.

Plus, learning new programming languages is always useful as an engineer.

Being part of a team with people with different nationalities already fills one of my objectives. In order to be able to improve in terms of testing I will probably ask the rest of my team to be the main tester of the team. And I believe I will naturally understand many parts of working in Agile by simply following the project and participating actively in it.

As for the different languages, simply coding to create the project will permit me to get better in the languages used.

Week 2 - 10/09/2021

Our team has just been formed. Therefore, it has been a bit difficult to figure out our project and what our roles in the team could be. Plus our progress has been slown a bit in order to explain as much as possible to newcomers.

It would be easier to work as a team if we all knew each other, so that we can all have our place in the team and find a pace that is comfortable for everyone.

In the following sprint I would like to take more time to get to know the team members in order to try and find my place in the team so we can be as efficient as possible while working in a good atmosphere.

Now that everyone is up to date, team members are going to start doing tasks making it easier to understand everyone's strength.

Week 3 - 19/09/2021

I want to understand better how the whole application is going to work together. How the frontend and backend are connected or what is in the backend for exemple. I also want to

understand better how to divide tasks into smaller tasks in order to make tasks repartition and realisation easier.

I believe I will get this knowledge as I move along in the project while doing a lot of research for all the small tasks I have to do.

The team will have to use MySQL queries to use the database in the app and it is a language I am quite comfortable with so I will probably be able to greatly help the team for this part of the project.

I have already done a project using Scrum in an internship so I am used to working while communicating a lot, updating and giving feedback to the team. Some people in the team seem to be less used to communicating that much for a work project but I would like to try and help them reach a level of communication that is needed for us to be efficient.

For this sprint we decided to share the work by working in two teams and trying to all have the same amount of work. I also feel like I have helped Beata who was the Scrum master this week by encouraging the whole team to talk during meetings or reach a decision for the teams.

Week 4 - 26/09/2021

One of the main problems with the project right now is to link the database with the app. The data is shown on the browser but not on phones. One of the main things I want to do is understand better how to connect the two together to understand what this error is caused by. I am planning on doing this by carefully analyzing the errors we get from what we have coded and maybe by reading again basic tutorials on how to do that.

This week I was the Scrum master so I tried my best to help the team go forward, to have meetings as efficiently as possible and help them communicate as well as we can.

Like last week we tried to share the work as best as possible so we would all have the same amount of work. Since the other part of the team was stuck on their part of the project we all worked on it to solve the problem. I also drafted a first version of the definition of done that was then revised by the rest of the team.

Week 5 - 03/10/2021

During the week that is coming, our team is going to have to merge two codes that have been done separately. Thus, I would like to understand better how to merge those different codes. This learning will probably be done through trial and errors.

I am not sure how I can help the team learn something new.

This week, communication has seemed a bit difficult in the team. I feel it might be because Cristal was not comfortable in her role of Scrum master which made the whole process a bit slower. Thus, following Cristal's request, I took the role of Scrum master at the very end of the sprint for our Sprint review meeting. However I am not sure if taking this role back would

help her. Would she understand the role better and learn from it or would she learn better through trying it herself? She was very uncomfortable with the role which is why I helped her.

For the team deliveries, even though I spend the most hours on the project, working more than 17 hours this week I could barely get anything done as I was stuck on some bugs I could not resolve. I did also however prepare everything for the end of the sprint meeting to make the meeting more efficient.

Week 6 - 10/10/2021

Even though we are quite far in the project the team still has a difficult time using gitHub to share our code. I would like to be able to share my code with the team through gitHub instead of only sharing the modified file which can lead to some problems. I will try to follow some more courses about gitHub to have a better understanding of it since it may always be useful.

Some people in the team have a difficult time working with us since they can't seem to get the code to work because they have a problem with gitHub. I would like to help them and make it easier for them. I would only be able to help them if I learn about it.

As the previous weeks, since I already used Scrum I still help the team remember about some of the elements we have to think about.

During this week I completed as many tasks as possible and also created the first draft for the team reflection and gave regular updates of my work.

Week 7 - 17/10/2021

I realised quite late during this project that I didn't really know how we were supposed to deliver the application to potential customers. This week I will focus on understanding how to deliver an application so that someone from outside the project can install and use it simply. I will learn this through research on the subject.

I don't really know what I can bring to my team this week.

This week, as the week before, I have actively participated in the preparation of the sprint, meetings, sprint feedback and have given feedback everytime I finished one of my tasks.

My contribution during this week was to fulfill some of my tasks. I however could not reach the initial goal because of personal problems.

Week 8 - 24/10/2021

Since it's the end of the project I feel like I won't learn anything new for the project. However, for my future projects I want to make sure that I really understand the important fundations for a project. Since we rushed a bit at the beginning of this project we went over some important elements which made the rest of it more complicated than it should have. For example we did not host our database on a common platform, we did not properly learn how

to use git, etc. In retrospect I feel like these elements would have made the project easier and the teamwork easier since the team would not have been demotivated by technical issues that we could not resolve.

As usual I did my best this week to apply the Scrum methodology by regularly updating my team on my progress and encouraging them to do the same since some teammates struggle to communicate their thoughts, progress and struggles. I also was Scrum master this week but because of personal problems I was not really focused on my role. Thankfully Beata helped me since she was aware of my struggles.Thus I feel like we still applied Scrum in a great way since we communicated enough to resolve a potential problem before suffering from the consequences.

In terms of work, I helped with code modification to make the application easier to install. I also created a first draft for the final team reflection so we had a base that the whole team could discuss and modify together.