

Team Reflection Week 5 - Dagobah

Customer Value and Scope

- **The chosen scope of the application under development including the priority of features and for whom you are creating value**

The scope of the application with its core functionalities that we established in the planning stages of the project seems to be just right. We feel that we can deliver the promised application with the core functionalities by the end of the project, and we are making good incremental progress that adds value to the customer/user every week.

This week we went from a “hello world” webpage to a web page that has our interactive map on it, with markers for the POI we have in our database. So a huge increase in user value.

- **The success criteria for the team in terms of what you want to achieve within the project (this can include the application, but also your learning outcomes, your teamwork, or your effort)**

Our main goals for the project has been to learn about scrum and agile processes more than actually producing an actual product in the end. We feel that we have gotten better at having our planning and retrospective meetings, everyone knows what the meetings are about and the way in which we conduct them. So for us we are making steady progress towards our success criteria in getting better at scrum.

- **Your user stories in terms of using a standard pattern, acceptance criteria, task breakdown and effort estimation and how this influenced the way you worked and created value**

The user stories and tasks we add in every sprint keeps improving, in terms of the INVEST criteria. Sometimes its a bit difficult to formulate them, but we do feel like we are making progress and every sprint the tasks for each of us (as developers) feel more well defined, and everyone knows what to do and what is expected of us. In the beginning it was more chaotic and we didn't really have a clear view of what to do each week. But now in sprint 3, everything feels more structured and organized. And it will only keep getting better with every sprint.

- **The three KPIs you use for monitoring your progress and how you use them to improve your process.**

We choose to use Burndown/Burnup, Velocity and Test coverage. We still haven't created the charts but we keep track of the estimated hours of work and the real ones. This week we underestimated the work due to unforeseen problems so we'll keep that in mind for next week as it took us double the time than expected.

Social Contract and Effort

- **Your social contract, i.e., the rules that define how you work together as a team, how it influenced your work, and how it evolved during the project**

This week we had a couple of conflicts this week where someone worked on something that happened to cross into another members task and they then started working on it a bit so we revised our social contract to add that if you happen to work on someone else's task then you should communicate with them so not to overstep or so that two members don't do the same thing.

- **The time you have spent on the course and how it relates to what you delivered (so keep track of your hours so you can describe the current situation)**

We have standup meetings daily where we communicate what we work on and if we have any problems and also the amount of hours we put in at the end of the day.

This week our estimations were way off, some tasks had hidden problems that we could not have accounted for in the estimation phase, which resulted in the actual hours worked differed from our estimations by almost double.

However we do think that this was just an unforeseen problem, and that for the rest of our estimations we were almost on target. So our estimations will keep getting better.

Design decisions and product structure

- **Which technical documentation you use and why**

We added a requirements text for each branch which tells you what prerequisites you need to have in order to run the code. This is done for members not working on a specific branch for other people who want to test the code.

- **How you use and update your documentation throughout the sprints**

We use Discord for communication, everything written there is logged and time stamped so we can always go back to look at what we said. Every change is also communicated there so we don't have to go looking for what's new.

- **How you ensure code quality and enforce coding standards**

We don't add any code that we do not completely understand, no straight copy pasting of code that does more than it needs to.

Application of Scrum

- **The roles you have used within the team and their impact on your work.**

As last week, we have a SM and a PO. The SM (Sigrid) supervises everyone throughout the week to ensure there's no conflicts. This week, we had a bit of overlapping in the tasks but it was kind of solved thanks to the communication between the team members.

The POs were Lucas and Linus and we started off by prioritizing the task on the scrum board which of course narrows the scope a bit. As usual we also let the whole team show what they have accomplished for the week's task, which then the PO also comments shortly on. This we feel puts a little more pressure on the team in their assignments, in a good way.

- **The agile practices you have used and their impact on your work**

Same as last week. We did add stand up meetings this week which helped us get a better overview of what every member of the team was working on. We also tried to better estimate the time before starting each task.

- **The sprint review and how it relates to your scope and customer value (Did you have a PO, if yes, who?, if no, how did you carry out the review? Did the review result in a re-prioritisation of user stories? How did the reviews relate to your DoD? Did the feedback change your way of working?)**

We had PO's and the review starts with every team member including the PO's showing what they have accomplished during the week's sprint. The PO's then says some short comment about the work and if he/she is happy about the work done. This week this has not re-prioritisation the user stories, however this has an overall good effect on the team's effort.