

Team Reflection - Week 6 - 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**

This sprint we focused on creating a list showing the 5 POI's in the database closest to the address searched for. Which we achieved with implementing and it added huge value for the user being able to see the closest POI's to where the user input his address. This was the last core functionality to be implemented, out of the core functionalities we set up to implement at the start of the project. So for upcoming sprints, the value that we bring forward to the PO at the end of every sprint will not be in the same huge steps as it has been so far.

We are discussing whether we have time left to try and implement some of the additional functionalities we mentioned in the presentation before the project started.

- **Your acceptance tests, such as how they were performed, with whom, and which value they provided for you and the other stakeholders**

We show our "pretend PO's" our product at the end of the sprint, showing the increase of user value we add each sprint. The last few sprints we have had the supervision meeting with Mazen before our sprint planning meeting, and in a way he as acted as an external PO by giving some input in what he thinks would bring the most value for our product in the next week. Most of the time us and him have shared the same opinion on what the next thing to implement should be. Which have been a nice confirmation that we are on the right track in this course.

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

This sprint we focused a bit more on cleaning up the KPIs and actually using them to reflect on our process, we could see where we bottlenecked and where we had the right ideas and this helped us redirect our focus to the areas that needed it the most. We haven't really used test/code coverage yet but we looked in to what it was and

Social Contract and Effort

- **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've started keeping track of how many hours we put in per person and it's a good measure to see what everyone is working on and how far they've come. It also openly shows many hours each member puts in which this week, as most, was fairly distributed.

Design decisions and product structure

- **How your design decisions (e.g., choice of APIs, architecture patterns, behavior) support customer value**

We're designing our application with the mindset that we want to add extra features in the future so we try to keep it as dynamic as possible. We use frameworks that are developed and have proper support and documentation to ensure future contingency.

- **Which technical documentation you use and why (e.g. use cases, interaction diagrams, class diagrams, domain models or component diagrams, text documents)**

We haven't really put too much effort in to this in the first sprint since we've been focusing on just producing visible results but now that we're closing in on the finish line, we've started discussing the best way to go about doing this and we decided to put a large portion of next sprint into focusing on documentation. It is also a bit unclear for us what exactly is needed so we plan on asking the TA's for guidance and help.

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

We communicate all the changes and updates in the project through Discord, also it's where all the info about meetings and the work we do is. About the project, we use GitHub and before merging anything we talk with each other so as to all be on the same page. We decided to merge with the main branch only at the end of sprint meetings where we all decide what gets added and what stays in the testing branches.

Application of Scrum

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

We have used most of the agile practices from the last weeks such as having scrum master, PO, planning poker etc. This as usual has had a big impact on our work and how we do our work. We did however start using our KPIs a little more than before. The KPI we used was velocity, burndown chart and test coverage. The velocity is just a great way to grade how we are doing compared to another sprint and burndown charts have given us a clearer picture of how we are doing on a daily basis.

- **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 change PO and Scrum Master every week in order for every member to try all kinds of work in the Scrum method. 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.

- **Best practices for learning and using new tools and technologies (IDEs, version control, scrum boards etc.; do not only describe which tools you used but focus on how you developed the expertise to use them)**

We focus this week on KPI's. The diagrams we used were very useful to see how the tasks are progressing. As a scrum master it was also useful to see which tasks were progressing and which were not, so that the work could be better distributed.

