

Team reflection - Yavin - Week 6

From now on we will highlight the points we don't discuss in red so that it's easier for us to see what potentially needs to be discussed in more detail at a later reflection session.

Customer Value and Scope

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

In our prior meeting with our stakeholder he urged the application to be more visually competitive in terms of presenting the data. Thus we focused on the visualization of data in our sprint. Unfortunately, during our checking after the sprint, our stakeholder felt that we did not quite achieve what he wanted out of the visualization. He exemplified that he would like to see graphical representations of the data. As such, we will focus on implementing Java FX Graph on all current and future Model classes (Party, Municipalities etc.) . Furthermore, he noted that he would like to see some differentiating factors between the original data and our presentation. We will thus focus on developing simple trend calculations, for example the development of election participation per region over a number of years.

Our presentation of the MVP; During the week 5 supervisions it became apparent that we needed to formally define our MVP and align it with our stakeholder. Following these conversations we asked our stakeholder when he would consider our application a viable product in the simple sense (MVP); He circled back to the notion that the data needs to be graphical, but he also noted that still the data needs to be expanded. This resulted in the following "MVP Statement": *The MVP state for this application is a desktop app with a visually pleasing GUI, that makes it easy to examine election participation and results in the Swedish general election.*

- *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*

Stakeholder:

We received valuable learning from conversations with our stakeholder. When the stakeholder noted that we did not achieve what he communicated in our last conversation we are prompted to expand our efforts into unknown territory. This will generate new competencies within the team as well as hopefully creating a better application.

Application:

We made several key advancements which relate to the useability of the application, while none of these tasks have been implemented into the GUI during this sprint, they will facilitate a far better application when they are part of the product.

Teamwork:

During this week, we made significant advancement in concurrent programming, our division of tasks resulted in a fair level of effort for each member in terms of code production. Furthermore, the tasks were very aligned to invest, resulting in a speedious code review and subsequent merge.

- 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
- your acceptance tests, such as how they were performed, with whom, and which value they provided for you and the other stakeholders
- the three KPIs you use for monitoring your progress and how you use them to improve your process

This week focus more on assessing if the developments are acceptable. THE KPI sheet is in the methodology directory.

Burndown:

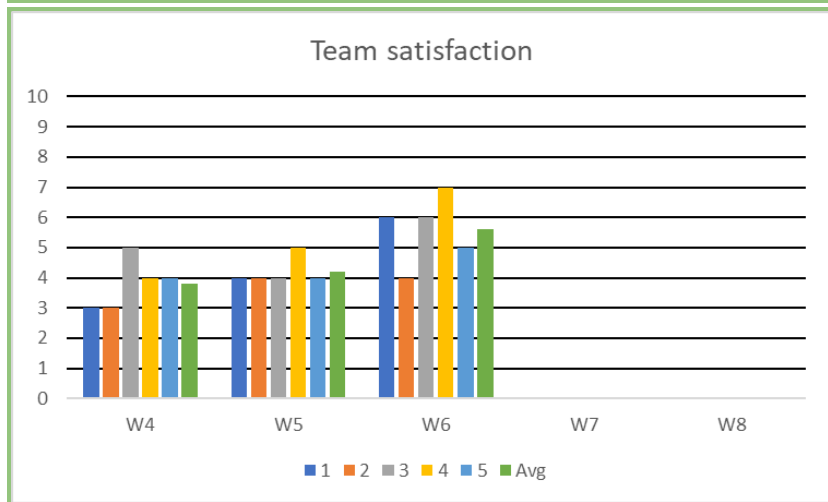
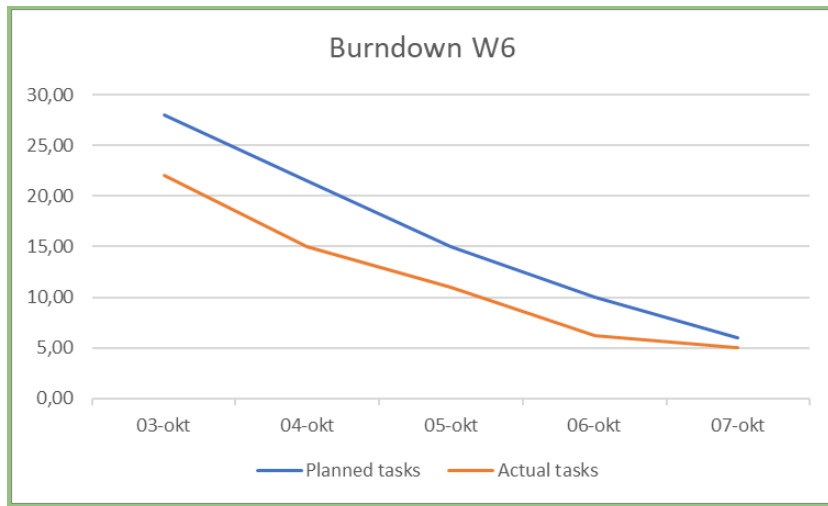
As this breakdown is only for the given week, there are less tasks completed in relation to last team reflection. We do however notice, when looking at tasks being completed that the tasks being performed are high-value tasks in terms of their contribution to added functionality.

Team satisfaction:

Continuing on the improvements of last week, all team members have been fairly pleased with their work and efforts and this week, however, there are some stress about completing the project on time and thus there are not perfect scores.

Stakeholder Score (satisfaction):

Our stakeholder thought that we have made good progress during the week and added several crucial functions to the application. We attribute the increase in satisfaction to this fact as the app is becoming more and more usable and start to provide our stakeholder with real tangible value.



Social Contract and Effort

- your social contract (Links to an external site.), 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 means, of course, you should create one in the first week and continuously update it when the need arrives).
- 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)

A fair amount of effort has been put in by all team members during week 6, as well as all team members living up to the terms of the contract (i.e. being in time to meetings, communicating about potential backlog etc.)

Design decisions and product structure

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

So far we have only implemented a table to showcase our data, but our stakeholder has stated that they would like a more advanced view of the data, in the form of a visual graph of sorts. We have also decided it would be good if the user could search through the table to find the data they are looking for.

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

We have yet only implemented UML for technical documentation in the model, if in the future we need more technical documentation for the connection between the GUI and the model we might expand the UML for further clarification.

- how you use and update your documentation throughout the sprints

We are using UML to get a better understanding of the connection between classes, and the UML document is updated and regulated upon added java classes to assure the team follows the structure of the program.

Application of Scrum

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?)

From our prior supervision we were prompted to make a more clear divide between the sprint review and retrospective. As simple as communicating the shift between the different modes, not just going along the agenda points. We discussed if we felt an improvement after these meetings and could not sense a distinguishing amount of improvement. One team member notes; "We did not have a poor structure previously, and the alteration was very small, that's why there was no significant improvement, maybe we should not fix what is not broken". All others agreed, and hence we will not focus effort on bettering our retrospective and review until further notice.

In terms of our DoD Change from last week, this was actualized as an extended agenda point for our Friday meeting and at face value seems to have given the entire team a better understanding of the contributions.

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)

This sprint we made some improvements in our use of the Scrum Board, being; we created different views of the scrum board, which will enable easier use and hopefully facilitate better use of the labeling function in GitHubs scrum tool. An improvement in the use of the labeling function would result in faster reviews as we would not need to identify the sprint associated tasks before reviewing them. If we had a larger set of tasks this method would not have worked in the long run and it is critical that we start labeling our tasks going forward both in order to easily get an update from the scrum board during the sprint, but also to simplify the review as mentioned.