

# Team reflection - Yavin - Week 4

## Customer Value and Scope

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

We have during the past sprint identified, contacted and initially utilized the input from a stakeholder. The stakeholder studies Computer Science @GU and is seen as a potential consumer of the final product.

Our stakeholders first input was that he would require more data before utilizing the application, since he wants to be able to make broader analysis cross-scope. Therefore we have since the last sprint expanded our scope - granted this was the idea from the first sprint as well, however with our stakeholder confirming this use case to be important we decided to focus on that in the following sprint.

Furthermore, this week we are also planning to start work on the interface of the application, which will expand the use case of stratifying data by way of making the interface view, easily customizable for the user.

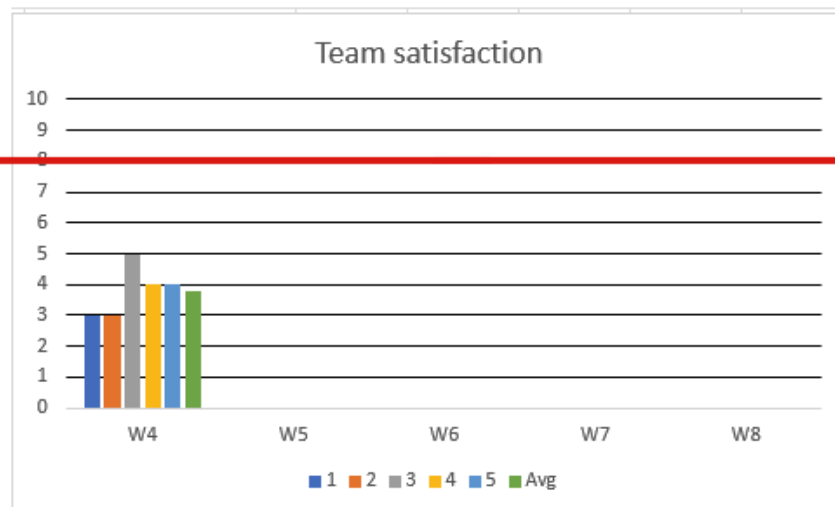
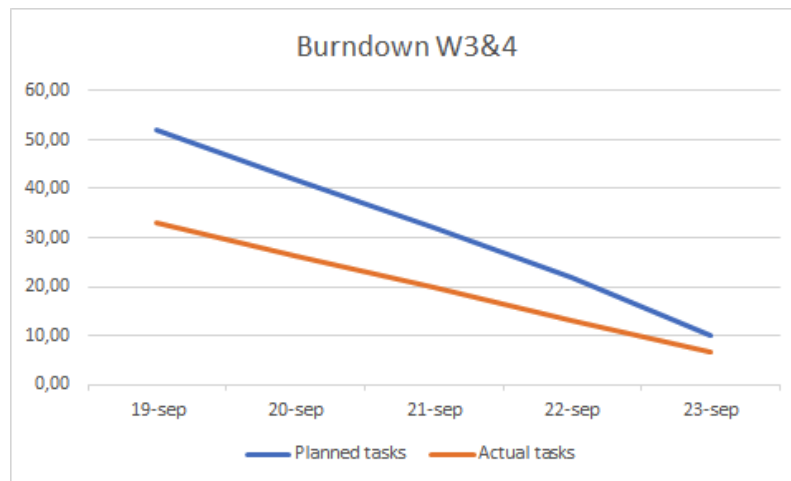
*The success criteria for the team in terms of what you want to achieve within the project (this can include the application, but also your learning outcomes, your teamwork, or your effort)*

This week has been good in terms of learnings, during code-review team members that previously had not send POST requests learnt about their use-case and implementation.

Furthermore, we have better understood the level of effort at different stages of development of the team members, this will be useful in delegating tasks for different sprints. Those who are not as good with development agree to taking larger efforts in ideation and stakeholder interactions etc.

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

We decided on three KPIs after our first sprint and will continue with these if we find them valuable;



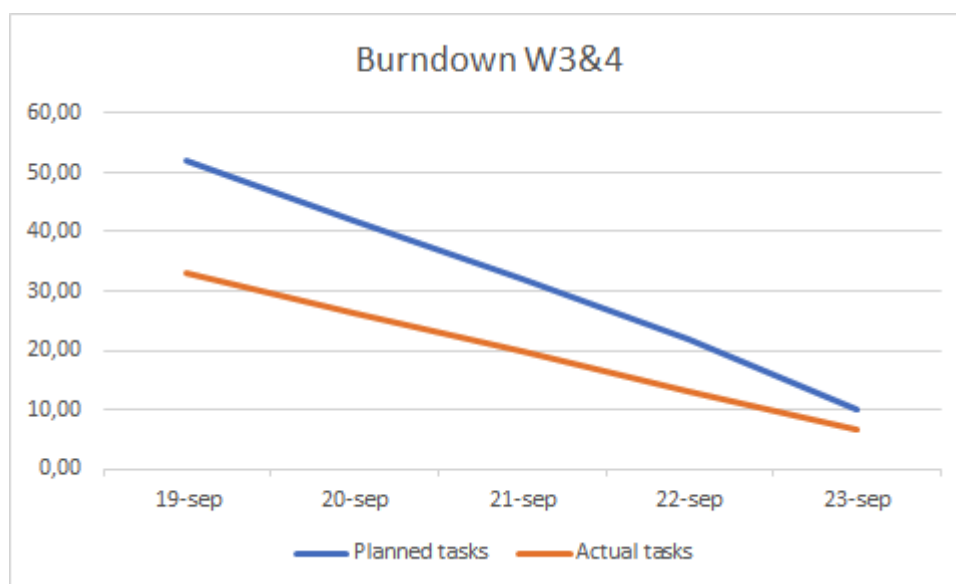
## Social Contract and Effort

*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)*

As the project proceeds we have continuously discussed our social contract. Perhaps not in precise terms of the social contract but rather more broadly speaking about each team member's efforts and adherence to the contract. This week has been somewhat special since several of our team members have had extremely busy weeks and have not been able to contribute as much as they had hoped. We are aware that this is something that can occur in projects and has not necessarily been an issue, but an issue is that we do not have these kinds of situations and how they should be handled explicitly described in our social contract. We feel that it is important to have this formulated in the contract since whilst it might be ok for a team member to have a busy week, it must be assured that it is compensated for later on so that the workload does not become unfair over the whole course of the project. Thus, during next week, we will focus on adding some amendments to our contract to handle these sorts of issues.

*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, as we established this burndown chart-document, set up a time reporting structure where each team member is to fill in how much time(h) each task demanded, this will be included for next week's burndown chart. This week we could only view our actual over planned tasks on the total of the weeks prior and have thus entered an average daily task completion of approx. 7 tasks which corresponds to roughly 1 task per day per person. This will be more insightful once we can accompany this information with information on hours spent as well.



## Design decisions and product structure

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

The use of SCB as our main data provider adds to the customer value since it is a well known and highly trusted source for information. Adding to this, the data is easily accessible through SCB's website and can thus easily be complemented by the customer if need be.

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

In last week's sprint review we discussed our lack of documentation from some team members. This has not improved and therefore greater focus will be put on the developments of this in the following sprint. If no improvement is made, an amendment in the social contract is needed and acceptable matters for resolvance need to be discussed.

*How you ensure code quality and enforce coding standards*

During the past week we have implemented a workflow which implements branching out in git, implementing the new feature then creating a pull request. By using this method we can review the code before merging it to the main branch, this ensures the quality is checked by multiple parties.

## Application of Scrum

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

There have been no real alterations to roles in the group, we have an scrummaster, and a contact person for the stakeholder, otherwise we are each sprint we set up eventual pairs in the team if certain tasks cannot completely be independent, or if they are expected to be dependent in the following stage.

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

Continuing from last week, we have expanded on the use of daily scrums. This has by far been our most valuable tool as it allows project bottlenecks to be dealt with faster. However, we may need to look at the option of having them more frequently as last sprint resulted in some double work caused by too low task demands on certain team members resulting in own initiatives being implemented.

*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?)*

During sprint review we decided on the following; (1) change our ways of working to incorporate the difference in schedules for team members. (2) We did slight alterations to our sprint 2 as per input from our stakeholder. (3) We specified our DoD to be “all other team members consider the task completed having gone through it in review”.

*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 have gotten more adept in using the scrum board, specifically transferring tasks to their correct state. This was as a result of previous focus on this being a weakness but also through the “growth of habit” as mentioned by one of the team members during sprint review.