

# Reflection

We have created and detailed a significant number of user stories, we are getting into the flow of scrum and familiarizing ourselves with agile development. We have set up a development environment and are ready to start laying the groundwork for our application.

## 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 a set scope and a stakeholder today and will evaluate the scope after the next sprint. If we feel the need to adjust the scope then we will do it. We have acquired a relatively detailed list of the stakeholders' value perception and desired functionality.

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

Our acceptance test for creating our android app is to make sure that the application works for every member. The desired test is to have the stakeholder take part in testing the app, however it may be hard to schedule. However the product owner is in close contact with the stakeholder so the product owner can take part instead.

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

We have not yet decided what the KPIs we are going to have. One proposal is 1) How satisfied is the stakeholder?, 2) Percentage of finished commitments, 3) How many stories were finished?

## 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**

In our social contract we stated that we wanted two weekly scheduled meetings with a kept record. We have yet to deliver on this commitment. Going forward we aim for a meeting on Mondays and one on Fridays.

Right now we don't have a dedicated SCRUM-master. In the future we will decide SCRUM-master every sprint start.

We decided to use slack and fb to communicate, but so far the communications part has been unclear. Some messages are sent in fb but should be in slack. The group has decided to postpone further clarifications about communications until the next sprint when we have a bigger need for differentiation.

We have not made any effort estimation on stories this week. Going forward we aim to estimate stories at the sprint start.

## Design decisions and product structure

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

Our choice of api was made upon interacting with what the stakeholder wants. And tmdb api is very close to the requirements which were to show current movies and series and show more specific movies.

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

We are currently using google documents and trying to apply uml diagrams to our application which we think should make it easier to code.

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

We document our meetings and discussions. We update our backlog and trello whenever there is a new update on our user stories.

## Application of Scrum

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

We have not yet decided who is going to be a scrum master, however our plan is to make it flexible. Meaning that every sprint we start, a scrum master is decided in place.

Jenny was also chosen as the product owner because she has a very close contact with the stakeholder. The list of value perceptions and desired features from the stakeholder was helpful when creating the backlog. Going forward the group would like to receive feedback

from our stakeholder on a regular basis. Jenny will facilitate this as a PO, by showing our work to our stakeholder on Thursdays.

- **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 use android studio as IDE and github as our version control. The team members have already started to get used to the environment which will make our progress faster.

We focused on customer value creation when determining our backlog.

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

This week we haven't used any particular agile practices. In the future the group will use agile practices like defining stories in the beginning of a sprint and prioritize them.

- **the sprint review and how it relates to your scope and customer value**

Right before each retrospective, we will present our current product to the stakeholder, his opinions and feedback will then be considered during the sprint retrospective.

- **best practices for learning and using new tools and technologies**

For some working with Trello has been a new concept. Expertise has been gained by letting the experts in the group explain how the systems in Trello are best used and when cards are supposed to be moved and such.

Right now we have not started using Android Studio, but to learn it the group will get help from the group's two experts on Android Studio. When we feel a bit more independent, more youtube tutorials and such will be more relevant.

Figma has been new to some in the group. Learning has been facilitated by discussions in the group and by "learning-by-doing".

Overall, asking team members has been a good learning strategy.

- **relation to literature and guest lectures**

Right now we have related some concepts to literature and lectures. Going forward we want to apply insights from literature and lecture more.