Team reflection Sprint 3

U2

2022-04-29

Customer Value and Scope

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

  - Testing the acceptance criteria for a completed user story, has so far meant that the person who has worked on the user story must go through the criteria and make sure that all are met before creating a pull request.
  - The persons that does the reviewing of the pull request for one user story should also be checking the acceptance criteria for the user story.
  - To achieve this, we will add to the code review protocol that the person reviewing the pull request have to check if all the acceptance criteria for that user story is completed.

Design decisions and product structure

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

  - We are retrieving data from the Tickster API to our backend where we filter it and thus deliver a modified version of the API to the frontend. Our ambition is that the API sent to the frontend follows a, by the frontend, defined structure so that the frontend only is responsible for displaying it. This also means that no unnecessary data is sent to the frontend. This model has worked well so far since we are now able to display real data on our web page.
  - We are satisfied with these design decisions because they support customer value by retrieving real events from the API, which is what the final product should do. Also, it is good practice to not overshare data between different product components. By being careful to send correctly structured data we make our product more reliable and easier to troubleshoot.

- We will continue working this way to retain our design decisions and support customer value.

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

  - Right now we have not done much documentation of the code throughout the sprints. So it can sometimes be difficult to understand code that someone else has provided. If there are any questions, we have, as a team, gone through the code to clarify any confusing parts.
  - During the sprint retrospectives we have established that we should write more code documentations.
  - In order to improve our documentation we should have one user story for the next sprint be to document the code base so far (both front- and backend) to catch up. Additionally, we should add documentation of any code increment as a quality requirement in the project's Definition of Done.

Application of Scrum

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

  - The agile practices we have used is sprint planning, sprint review, sprint retrospective, user stories, sprint and product backlog, scrum master, product owner and stakeholder meeting.

    Every sprint, we first start with a sprint planning. At the sprint planning we choose our scrum master, update the sprint backlog, estimate velocity and cost. Sprint planning, it has improved during these three sprints, but we have some things that still needs to be improved. The estimation of the velocity has not been very accurate. We mostly sets the cost of the user stories to low and that results in not finishing all the user stories in the sprint.

    We had our fist stakeholder meeting this week, it went well and the stakeholder was pleased.
  - We are using all the practices we want to but we want to utilize them better.

    Regarding the cost of the user stories, we want to estimate the cost more accurately in order to finish all the user stories for one sprint.

    Regarding the stakeholder meeting, we would like to have meetings more frequently and be a little bit more professional. If we would use scrum again in the future, we would like to have the stakeholder meeting earlier in the process because it clarified a lot and we could focus on what the stakeholder thought was the most important.

- – To improve the cost estimation we will learn from our past mistakes and have in mind that it costs more than we originally think.

  In order to use the scrum practices better we plan to use the method "trial and error" and learn through that.

  We plan on inviting the stakeholder to more meetings in future sprints.

- 4.3 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?)

  - – This sprint review our stakeholder was present, our PO (Ingrid) held the meeting by showing what we had done and going through the sprint review template.

    After the sprint review meeting with the stakeholder and the feedback he gave us, we re-prioritised the product backlog based on that feedback. The feedback from the stakeholder made us change what we were and was planning on putting time on, but not necessarily how we are working, but rather what we are working on.

    The User Stories that we finished met all their acceptance criteria and was reviewed by two people that didn't write the code as stated in the DoD. Not all the criteria for the DoD was met due too technical problems and a re-prioritisation from our stakeholder. We consented that it was enough.

  - – Regarding the re-prioritisation, we want to work on things that are valuable for the stakeholder. For example, put more time and effort on the categorisation (the main feature from the product scope) and less time on testing and "pretty" features.

    We want to meet all our criteria of DoD.

  - – We will re-prioritise the product backlog and consult our Product Owner more often.

    In the future we will not consider something done unless we have implicitly decided that all the DoD-criteria are met.

- 4.5 Relation to literature and guest lectures (how do your reflections relate to what others have to say?)

– Our sprint retrospective and sprint review is based on information from lectures and scrum.org. We have done this when we have been unsure of what to discuss/evaluate during the meetings.

– We believe this is a sound way of working.

– Thus, we will continue working this way.