

Team reflection week 4 - RCA CT-100

Customer Value and Scope

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

The scope was chosen together with the customer to ensure that the minimal valuable product was likely to be developed and therefore create value. Together with the team and Håkan's tips we have a rough estimate of what tasks will be needed to establish the website with features such as a toplist as well as log in and a server to handle multiple users. While user stories for probably a few weeks are already defined, other parts of the website will be in focus (effort estimation, task breakdown with higher modularity) when most of those already defined are done.

- 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)
- 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

Right now we are performing the acceptance testing. The plan for the future is that when a user story is considered finished, we will show it to Linda, to make sure that she is satisfied with the implementation. We will check everything we have done the previous sprint with her each week to see if she is satisfied with the design, but she may be more involved later.

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

At the moment we haven't used any KPI to evaluate what we've done. We are in the middle of our first sprint (wednesdays to wednesdays) so we haven't had a retrospective or evaluation process yet. Decided Monday next week.

Design decisions and product structure

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

The customer wanted us to use some sort of database with “all” the books that exist so the user (the student) didn’t have to manually fill in all the information from the book and thus could cheat with the number of pages etc. This left us with having to find and choose an API that has a good set of books and their information. Which we did find, we chose Google Books API. Furthermore the customer gave us confirmation that the choice of API was inline with her thoughts and visions of the project. We also did smaller design decisions, like how we structure the websites and fill them with information. We also check with Linda during each meeting to see if our visions cohere.

We also setup and started using heroku, a website used to deploy and host our website, this because it is easy to show to Linda a product but also so that we in the team work together against one database giving use an edge when developing.

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

Documentation throughout the sprints is updated in meeting notes and reflections. The notes are used in order to see what has been worked on. In addition Trello is used to document the user stories, see what task needs to be worked on and what is already done. When someone is programming the task they are working on is in “In progress” tagged with their name.

- how you ensure code quality and enforce coding standards

Everytime a branch is to be merged with the master branch, at least two other members of the group need to review the code and accept it. The ones who developed the code are responsible for testing the code themselves first, and when those persons feel confident everything is working they push the code for review. So far, tests have not been done to a large extent in practice, a minimum of tests to be able to work faster is preferred by the group in general. The backend will be tested more extensively.

Application of Scrum

- the roles you have used within the team and their impact on your work
- the agile practices you have used and their impact on your work
- 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?)
- 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)
- relation to literature and guest lectures (how do your reflections relate to what others have to say?)

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)
There is a [survey \(Links to an external site.\)](#) you can use for evaluating how the team is perceiving the process and if it is used by several teams it will also help you to assess if your team is following a general pattern or not.
- 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)

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