# Reflection week 42 HALO

Smith states that reflection is "assessment of what is in relation to what might or should be and includes feedback designed to reduce the gap" (R. Smith, *Formative Evaluation and the Scholarship of Teaching and Learning*, New Directions for Teaching and Learning, vol. 88, 2001, pp. 51-62) which can be boiled down to describing …

---

... the current situation or "what is" (A),

**Scrum effectiveness**

- 0 st morgonuppdateringar, ganska dåligt. Dock är sprinten inte helt klar än vid skrivande stund.
- This week we tried a different approach. Instead of assigning tasks directly to team members we chose to test if it would be as effective to just pick a task from the backlog when we had nothing to do. However, considering we all have other courses this led to us deprioritizing this sprint's user stories as we didn't have any personal responsibility towards them. Also, the exams are on their way which probably meant some people decided to study for them instead.

---

... what you want the situation to be or "what might or should be" (B), and

- Knowing who does what tasks is the most optimal. We should be productive.

---

... a plan for getting from where you are to where you want to be or "feedback designed to reduce the gap" (A -> B).

- To be more productive, we should assign tasks to team members so that they know what to do at all times. This is something we should have done in the sprint review, but since it was the last sprint no one bothered to comment on it.

---

# Design decisions and product structure

- how your design decisions (e.g., choice of APIs, architecture patterns, behaviour) support customer value
  - Since the last reflection on this topic we've added the Google Graph API for React which lets us display a graph that provides a breakdown of your total CO2. This of course directly links to the original value proposition of the website, to allow the user to monitor and check the CO2 emissions of food. Furthermore, we added a small API for a collapsible which enhances the user experience, especially on small screens such as mobile devices.
- which technical documentation you use and why (e.g. use cases, interaction diagrams, class diagrams, domain models or component diagrams, text documents)
  - The only technical documentation we have is comments in the code, which we started doing later in the course.
  - how you use and update your documentation throughout the sprint
  - Adding more comments as we go along and when we have done more implementations.
- show you ensure code quality and enforce coding standards
  - We verbally agreed upon the standard at the beginning of the project. The code was occasionally inspected to see that the standards were upheld.

# Application of Scrum

- the roles you have used within the team and their impact on your work
  - SM does SM things, calls for meetings and organizes the Team Reflection and Sprint Review documents. This has worked well and hasn't changed throughout the course.
  - Code Standard Responsible: Hasn't done much, but that really has more to do with everybody already being competent coders who share world views on tabs vs spaces and variable naming with CamelCase.
  - Documentation Responsible: This has gotten better, now these people regularly reminds others to comment their code and reviews their files for potential improvements. A standard for commenting code has also been provided.

- - Test Responsible: Flips through the website every now and then and checks for bugs and reports on the next sprint review meeting. An improvement since last time.
- the agile practices you have used and their impact on your work
  - We have utilized sprints to make sure that we always deliver functionality that is useful to the project. The sprints have lasted a week which have ensured that various user stories have been implemented successfully at the end of the sprint but also made sure people have always had something that they could do. Furthermore, user stories have been designed to deliver finished features that bring value to the website.
- 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?)
  - We haven't had the sprint review yet.
- 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)
  - Nothing has changed here. Our approach to the tools we use can be found in previous reflections.
- relation to literature and guest lectures (how do your reflections relate to what others have to say?)
  - The guest lecture we had had some value for Malte which is SM, but wasn't directly relevant to the other team members. We haven't used any literature per say but we just remembered that we did use some articles to help us compose our social contract and product scope:
  - Product scope:https://searchcio.techtarget.com/definition/project-scope
  - Social contract: https://medium.com/swlh/agile-ways-of-working-social-contracts-ab6b8c93429f
  - We do however love youtube tutorials which we use extensively.