Team Reflection - Week 4

Team Abacus

08 October 2021

---

1. Customer value & scope

This week much of the work has been dedicated to integrating a graphical map as well as bar graphs into the app, which allowed us to add much value through the week.

The map in the map tab begins zoomed in on Göteborg (but can be zoomed in/out or moved around as the user wishes) and displays four pins on the locations of the four stationary measuring stations. Pressing the pins displays the names of the measuring stations.

The bar graph in the statistics tab displays measurements from the past for one measurement.

This is the first week where we measured KPIs. We had 3 user stories in our sprint backlog and we finished 2 of them, and almost finished the third one. We also measured our todos in t-shirt sizes and this is the week that has been the most productive so far. We completed 4 XS, 2 S , 3 M and 1 L-XL.

One KPI we decided to use is the share of work completed in the week's to-do list. This week we had 6.5-7 points completed out of 8-8.5 points.

2. Social contract and effort

This sprint we had 3 meetings. We decided to switch it up a little since almost all the assignments were done midweek so we reviewed the trello at the meeting on friday, making it slightly longer than usual. Hours spent this week were not logged.
The definition for the t-shirt sizes are: XS: 0.25, S: 0.5, M: 1, L: 1.5, XL: 2

Where one person's workload for one week is defined as 1 point, so 2 S or 1 M.

3. Design decisions and product structure

This week we have implemented a chart to the statistics tab.
We added one button which changes the chart to display week day.
Additionally, we can now fetch time and measuring value from the API and display this in the chart.

This week we also implemented google maps to the app. The map is automatically zoomed in on Gothenburg and displays all the air stations.

4. Application of Scrum

This week Victoria was assigned the role of Scrummaster and Mattias was assigned ProductOwner. Productowner pushed to finish the parts that were left hanging from previous sprint such as Map and GPS positioning deeming this the most important for the apps progress. Scrummaster also added some more cards from user story 3 containing statistics todo.
We've looked alot into the sizes of our todo cards and measuring how many we can do in one sprint since we seem to continuously take on a heavier workload than we can manage in one sprint. This week didn't quite finish either, so we hope to get the weighing just right next week.
Also we've been implementing DoD looking more into the actual testing being done after our guidelines. We definitely make more use of our Trello scrum board now since we use the logged moving of cards to measure how long time the cards take to execute and finish.

This week we worked more together than earlier weeks. There was more pair coding than before and we had one group working on the statistics tab and one group working on the map.