

Statusreport SEL 29/4

This week we have continued our implementation of our newly assigned user stories. Some hardware problems have appeared which led to one of our members having to go over the whole process of setting up his system again from scratch.

Invested time:

Marco B.:

Preparation for presentation about technology and architecture. 3 hours.

PSE-15: Fixing tests which were not working properly. 3 hours.

Problem: The tests which we have written for PSE-15 were not working properly. We didn't get data from the backend which we could test against the supposed values. It turned out that there was no available data for the set time span for the tested sensor. It took a while until we figured it out as this was not the case for any of the already existing test classes by our customers.

Severin:

PSE-17: Implementation. 6 hours.

Problems: There were some major problems with the implementation of PSE-17. The customer wants us to use element-UI, a UI-library which they have been using across all components in order to keep consistency in design. Element-UI however is too restrictive when it comes to changing their default components. We are not able to change their date picker component in such a way that it would be usable for a mobile version. Therefore, we had to communicate our issue to the customer. Severin has designed a second version of the date picker which does not make use of element-UI. The problem is that it does not resonate with the design of the rest of SEL. Severin has asked for a meeting with one of our customers to resolve/discuss his problem.

Raphael:

PSE-19: Implementation. 4 hours.

Raphael has implemented the general outline for this user story. A lot of time has gone into understanding and planning the story. He has gathered all the relevant information and is now ready to put it together.

Problems: none so far

Luca:

Preparation for presentation about technology and architecture. 2 hours.

PSE-20: Implementation of the page and provisional path as alternative to PSE-19. 0.5 hours.

Implementation of tachometer and getting data from backend. 2.5 hours.

Problems: Getting data from the backend works. However, Luca is having difficulties with the configuration of the tachometer and connecting the both.

Marko:

PSE-15: Understanding tests and creating the base structure for the test. 2 hours.

PSE-18: Understanding and thinking about implementation. 1 hour.

Trying to execute tests on VM. 3 hours.

Since Marko is working on a Microsoft surface which does not have a lot of processing power, trying to run vagrant within a virtual machine which is running ubuntu is resulting in difficulties. He was not able to get the backend to work anymore. He tried to reset his whole environment, uninstalling and installing everything again but was still unsuccessful. Installing Ubuntu as the OS on his old laptop instead of running it through a VM seemed to resolve the issues. All together it took him a little over 23 hours and a meeting with Antonios to get everything to work.

We are working on our newly assigned stories and think that we will be able to finish them within the given time frame. Due to Marko's hardware issues, he has not yet been able to properly assess his user story and give an estimation whether he will be able to finish it. Other members however, would be able to help him out.

Another issue might be that two of our stories from the last iteration have not yet been reviewed by our customers. If they dislike our implementation to the point that we would have to rewrite the code, we might have more work than usual for the next iteration which could lead to a delay. The mentioned issues however are assumptions of worst-case scenarios and do not necessarily have to take place. At this point, the project is still well on its way.

