

Individual reflection- study week 6

The user stories this week was centred around fixing the last things of the front-end part of our project, and combining it with the work of generating a dummy route. Some team members have worked with the different APIs OSM and OSRM, and a lot of focus has been put to trying to understand them and figure out how we could use them in our project. We have also started to construct a functioning route generator, or at least brainstormed and discussed how it should all come together, and everything that comes with it. We have ways of checking things that will be important for our solution, like elevation of a route, length, terrain, etc, but the difficult part lying in front of us is to combine all these things into a functioning algorithm. One team member came up with using the A* algorithm, and I think the rest of us are with him on that idea.

This week has been more busy than usual for me, and I definitely feel that I haven't put enough of my time on working with the project. This combined with the fact that the project is entering the more difficult implementation part, made it feel like I got a bit lost with what was happening, and had a hard time to keep up. Another thing that all team members felt was that we had an inadequate planning for this week's sprint, which resulted in people working on the same things, and code was produced that didn't fit with the rest of the code. Right now, I feel that as things are becoming more complicated as we start working with the APIs, and since we haven't really come up with an idea on how to implement the algorithm, the team members are working more on their own to come with a solution to our remaining problems. But it could just be that I haven't been super focused on the project this sprint because I've had other things going on.

As mentioned, our planning for this sprint was lacking in some aspects, and we all felt at the sprint review that it affected our work this week. Another thing we discussed at the sprint review was that it probably would have been beneficial for us if we at the beginning of the project had come up with an idea on how the algorithm should work, since we now have a lot of parts to the solution, but not a clear way of putting them all together. It will probably work out at the end anyway, but we could have saved some time and code if we had it more planned out for us before the implementation of the algorithm started. One thing I take with me from this week is that the planning stage is really important and worth "wasting" time on, since it will reward you later on.