

After a challenging week the previous week, this week became a really successful one where both the agile processes and the technical tasks worked out really well. As our team agreed that the planning didn't work out as well as we wanted last week, we used the lessons learned and made sure that the planning for this week was better. This was done by ensuring that we made sure that we had user stories that could be worked on independently (following INVEST), and by dividing the user stories to different sub-teams within the team, so that half our team worked with all user-stories connected to the front-end and the other half worked with user-stories connected to the back-end (I was on the team focused on back-end). This helped make it easier to work, as it was clearer exactly what needed to be done. One additional thing that was done was to add a "tag" to every story with the priority which made it easier to see the priority of a user-story and to choose what to focus on next.

Being on the sub-team working on the back-end, the main goal for this was to make sure that our routing algorithm worked the way we wanted to. This was a fun challenge, and it was really exciting to add new elements to the algorithm and see them influence the route generated and to tweak the already added parameter to optimize the result. The part of the algorithm that I put most of my time into was to make sure that it prioritized routes in proximity to specific terrain that the user desired to walk in/near.

By the end of the week, we merged all the branches in GitHub together so that we had all the updates and work done this week combined together and it was fun to see how much we as a team managed to deliver this week. Now I really look forward to presenting the application to all our peers next week and to hear what they have produced.

For the next week the primary focus will be to write our final report and to present our application.