Software Engineering Research Project | 2020 Group 9
Weekly Report S1W2

What have I done for the project this week individually?

Throughout the first few weeks of the project I primarily focused my time on organisational and administrative tasks that will streamline our group's communication and management of resources during the project.

Specifically, I created a Discord server for our group, and setup various text channels to organise resources, documents and tasks. I populated these channels with relevant documents such as the papers/readings included in the project description, and a template for the weekly reports. I also configured a webhook to our GitHub repository to automatically post updates to a channel in our Discord server whenever there is activity on the repository. I also set up a voice chat channel which our group plans to use for digital meetings, which will also allow us to screenshare.

Relating more to our project's content, I reviewed the project description on MyUni, read through the attached documents relating to a specific current approach of data farming, and another on simulation. I took notes on points I thought would be most relevant to the context of our project so that I could further investigate them, discuss them with my group members, and query our clients about them.

Furthering this, I also sought out some domain knowledge about DST, namely the divisions mentioned in the project description and their areas of interest and undertakings. This was to get a brief understanding of the focus of these divisions, and how their work might be concerned with our project and perhaps give it some context.

What do I plan to do for the project next week individually?

In the next week of the project I plan to create a set of questions and topics to discuss with our client; and propose these to the group whilst we create and agenda for the scheduled client meeting. I also intended to finalise the agenda after discussing it with the group and be responsible for delivering it to the client and project supervisor.

Following the client meeting, after hopefully obtaining some more information on project specifics and scope, I intend to begin some more technical research. This will likely be concerned with the specific technologies to potentially be used in the project, as well as some general AI and machine learning techniques and methodologies regarding lean data.

List the issues you encountered and give some reasons if applicable…

The only difficult I encountered so far was knowing where to direct my efforts without having much specific detail about the project. I did not want to commit too much time researching a particular topic, in case it turned out to not be that relevant to your project, hence I kept my technical and domain research rather general.