

Software Engineering Research Project | 2020 Group 9

Weekly Report S1W5

What have I done for the project this week individually?

This week the majority of my work efforts were focused on the Group Proposal report. Specifically, I completed sections contributing to literature view on computational models of infectious disease, and dynamic systems modelling in the same context. Additionally, I contributed heavily to the research methods section, detailing our processes and justifications for them. I also worked on all of the other sections in some capacity but will not define them as an individual contribution as they were strongly a group effort.

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

In the coming week, and during the rest of the break I would like to begin setting up my development environment for the project and familiarising myself with the languages and tools detailed in the technology section of our proposal report. This will involve completing some trial projects in python, to acclimate to language conventions, as well as some specific demo project and learning activities pertaining to the context of our project, i.e. machine learning, data processing and simulation. I also intended to review a Udemy course on machine learning and data science to aid this.

As I did not complete it during the past week, I would like to finish taking minutes from the recording of the second client meeting and publishing them to the GitHub repository.

Additionally, I would like to plan some questions for Andy so that he can view them in advance about them before our next informal meeting which will likely be during the mid-semester break. These will focus mainly on beginning the implementation of the population model.

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

Completing the project proposal report during this week did at times seem like a race against the clock given myself and other member of the group all had quite intense schedule with multiple assessment tasks across courses. Thus, they were all competing for time. My group members, however, were quite committed to making themselves available to the best of their ability and remaining in contact which alleviated this difficulty.