

During this week, I have completed the specification documentation and chosen a topic that I'm going to be working on from this point forward. I've also researched the topic that I've chosen to find more information regarding how I would go about implementing everything I need to do for this project. The project has progressed smoothly, and I have not encountered any hiccups currently. Though I think that once I start looking more deeply into the specifics of code and implementation, there's going to be more problems that have to be solved. This week I learned the basics about compression algorithms in terms of time complexities and space complexities, and also the basics on how they work in compressing data without the loss of meaning of data. Luckily, nothing about my research has been unclear yet. However, I've been having a harder time working out everything that needs to be done for task submissions as not everything has been made very clear. One such thing is registering and connecting the GitHub repository to the Labtool website. However, this issue should be solved by Saturday and shouldn't impact my work too much. During the next week, I will be working more on focusing on the implementation and the specifics of code that I'll be working with in order to undertake this project. Also, I will take my first steps in playing around with code and trying to get familiar with all the extensions, code, and anything else that I currently do not know about that I will need to know in order to be able to complete my project. Lastly, I'm not entirely sure how much time specifically I've spent on work this week however, I would say that it is upwards of around five hours. This includes choosing a topic, researching about the topic, writing my specification report and this weekly report. Overall, I'd say that work is progressing smoothly and I think I'm on good track to being able to complete this project and find out everything there is to know in order to be able to complete this course.