## Appendix 2: Planning

Please see below for my planning/schedule regarding my project. It was very difficult to plan in advance. I wrote out a schedule and had my report/code sections all planned out but continuously hit barriers and roadblock which forced me to refocus my attention on another topic.

Please note this section is quite informal.

* 30/11/2023: Start project and begin researching
* 01/12/2023: Kick off writing code and complete initial visualisation of current rail networks in Ireland. Having issues with large GeoJSON files which make my notebook quite slow, but I really like the visualisations, so I think I am happy to make this trade-off.
* 03/12/2023: Begin report and plan out sections, main focus is on idea generation. What can I model? How will I generate a large enough dataset to perform modelling?
* 04/12/2023: Really wanted to perform sentiment analysis on a particular LinkedIn article but discovered that this was simply impossible given their strict privacy regulations. After discussing with my classmate, Stephen, he directed me towards considering Reddit as an option, so I have to credit him for this. I was soon able to find a similar article on Reddit.
* 07/12/2023: Worked on Sentiment analysis and emailed numerous bodies in an attempt to get a larger dataset, I contacted Irish Rail and also Luas.
* 09/12/2023: Still no contact from either. Decided to shift my focus to the Luas as there is a real lack of granular data regarding the Irish Rail Network. Began conglomerating numerous datasets surrounding the Luas.
* 12/12/2023: I accepted that I couldn’t rely on being sent a large dataset from either Luas or Irish Rail, so I decided to create my own data using the data available to me.
* 13/12/2023: Began researching similar tramlines throughout the world, after some research I selected Edinburgh, given its similar size and scale. Both considering the tramline itself and also the cities.
* 15/12/2023: Continue to work on Sections 2 and 4. Section 1 is now complete. Report needs updated.
* 17/12/2023: Developed Section 3, began diving into Melbourne datasets.
* 18/12/2023: Worked on Report, updating sections 2 and 3.
* 19/12/2023: Plan and section finalised, idea generation and research in mostly complete. Now I will just write my code and complete my report.
* 19/12/2023 – 26/12/2023: Continue to write and tidy code. Documenting my code in the report.
* 27/12/2023: Finish off any loose ends, ensuring code is correctly annotated and removing of any tedious sections of ‘workings’ code.
* 02/01/2023: Complete project and make sure all points in the exam criteria are hit. Also need to ensure GitHub is up-to-date and accurate.
* 03/01/2023: Tidy up my report, ensure sections and datasets are correctly labelled. Work on appendices.