# Project Plan

## Team Member Responsibilities

Our intention with this project is to work on all aspects of the project concurrently. We did this to prevent falling behind on later deliverables, especially since they appear to have more work in them. Below is a table that describes how we have initially split up the project.

| | |
|---|---|
| Scraper (section 1.1) | Carlin |
| API (section 1.2) | Lucas/Sean |
| Swagger (section 1.3) | Lucas/Sean |
| Website (section 1.4) | Marcus/Adam |

However, we understand that as the project progresses the areas that need the most work will change. Hence the above separation is flexible, and will change to cater to the needs of the project.

## Meeting Plan

We plan to have two meetings a week, one in person meeting on Mondays before our mentoring meeting, and one over discord on fridays.

We have decided with this schedule as it will emulate the standup meetings implemented in agile development. As we are all university students, we cannot work full time on this project. So instead of the traditional daily standup structure we have stretched it out to a meeting every 3 days on average, thus holding the meeting 2 times a week.

Also, the monday meeting is positioned before the mentor meeting. This timing is good for multiple reasons. It guarantees that we will all be present, as we are all required to go to the meeting. Also, it allows us to debrief before the meeting about our past work, and come up with any questions we want to ask our mentor, making sure to get the most out of our mentors time.

# Management Tools

## Trello

Trello allows us to break down the project into smaller chunks. We can then categorise those chunks based upon what area of work they are in. It also allows us to assign tasks to certain people, and to keep track of what work is done and what work needs to be done.

We will use Trello to help manage our project in the above way, helping to make working on the project easy, as you just pick up new work from the to do section. Using Trello also removes the need for a project manager, freeing up one of our team members to work on the project.

Link: https://trello.com/b/Cq9fvAmt/seng-coronavirus-project
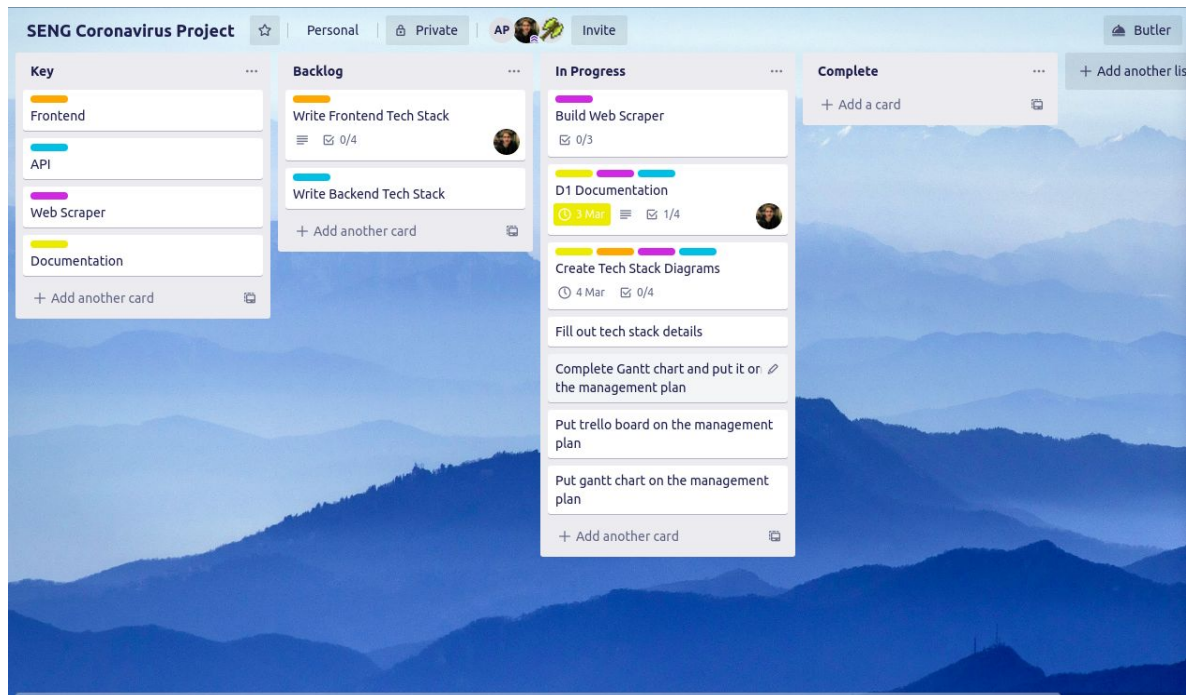


## Shared Calendar

A shared calendar will be used so that all members of the team understand when meetings will be held, and when deliverables are due. It also allows us to create our own deadlines internally for organisation and project management.

# Discord

Using a discord server, we are able to create multiple channels for various discussions. These channels facilitate organisation and reduce confusion in our communication channels. We are also able to hold meetings on discord remotely. By holding the meetings remotely, we will be able to be flexible with the times and fit them into our chaotic university schedules.

# Google Drive/Docs

Google drive will serve as our shared repository for documents. As some of us are developing on linux environments, we do not have access to Microsoft Word, hence we would not be able to work on a word document that is stored within the GitHub repository. Google Drive and Docs solves this issue due to its cross platform deployment, being on the web.

It also allows for collaborative work concurrently, meaning there is never any conflicts in the reports. The only issue here is that we are unable to include the google doc in the repository, but to solve this we will export the reports as PDFs and upload them into the repository.



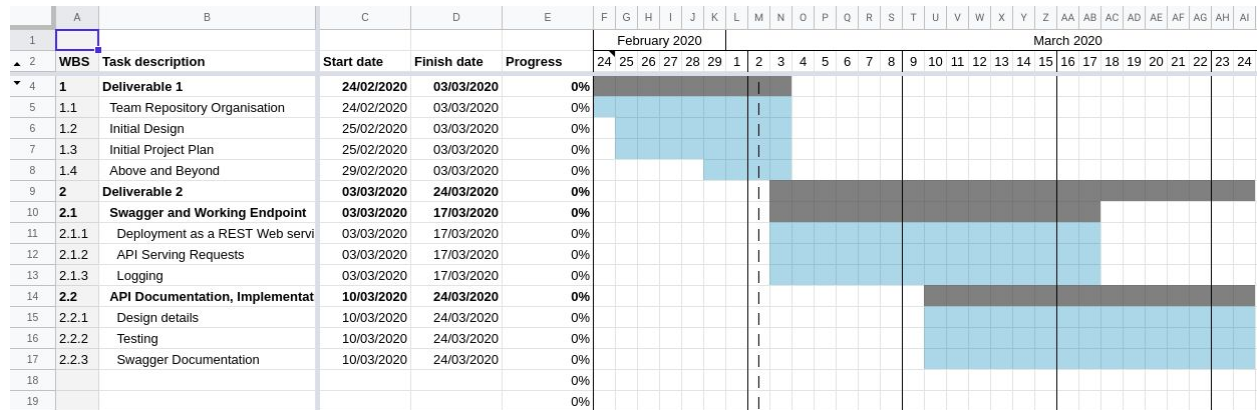link: https://drive.google.com/open?id=17CZm5GeVSLfIXhvoYO0LegdQZjU5O20Y
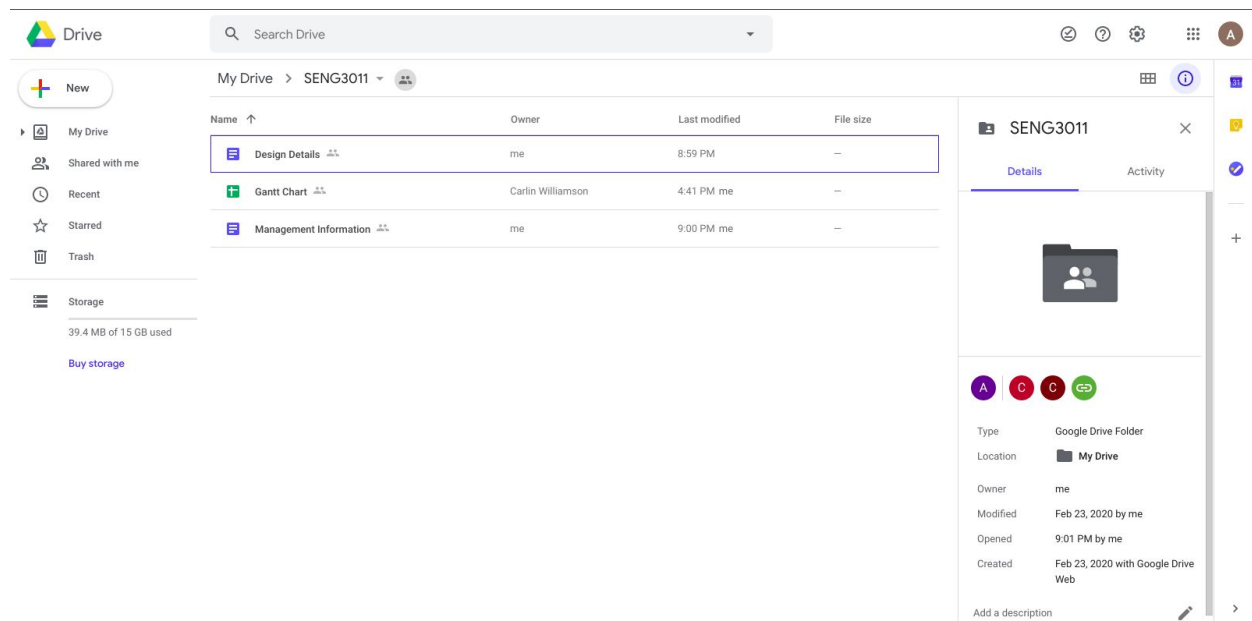
# GitHub

We created a github repository to allow us to work simultaneously on the project. This allows us to all work individually, increasing overall productivity. GitHub, through git, also allows for version control, allowing us to roll back to a stable version should we make a mistake.
link: https://github.com/z5122506/SENG3011-calmClams

# Gantt Chart

To keep track of the general progression of the project, helping us to understand both what needs to be done but also how we are going with progress on the project.

| | A | B | C | D | E | February 2020 | | | | | | March 2020 | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 24 | 25 | 26 | 27 | 28 | 29 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 2 | WBS | Task description | Start date | Finish date | Progress | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 1 | Deliverable 1 | 24/02/2020 | 03/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 1.1 | Team Repository Organisation | 24/02/2020 | 03/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 1.2 | Initial Design | 25/02/2020 | 03/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 1.3 | Initial Project Plan | 25/02/2020 | 03/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 1.4 | Above and Beyond | 29/02/2020 | 03/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 2 | Deliverable 2 | 03/03/2020 | 24/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 2.1 | Swagger and Working Endpoint | 03/03/2020 | 17/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 2.1.1 | Deployment as a REST Web servi | 03/03/2020 | 17/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 2.1.2 | API Serving Requests | 03/03/2020 | 17/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 2.1.3 | Logging | 03/03/2020 | 17/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 2.2 | API Documentation, Implementat | 10/03/2020 | 24/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 2.2.1 | Design details | 10/03/2020 | 24/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 2.2.2 | Testing | 10/03/2020 | 24/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 2.2.3 | Swagger Documentation | 10/03/2020 | 24/03/2020 | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | 0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

link: Gantt Chart