

## Management Information

Communication is the key to group work. Our team will meet up on Tuesday and Friday to talk about our progress and solve problems together. Besides Wednesday, we talk to our mentor about our current position and ask advice from our mentor. If there is any problem we can't solve by ourselves, we will discuss the problem with our mentor on Wednesday.

We are going to use Trello to manage our group work. Trello makes collaboration easy and kind of enjoyable. We've all used Trello for the course COMP2511, which really helped us to finish our project. Therefore, we believe Trello will also make group work easier this time. In every group meeting, we will check how many cards we've finished and move cards from Backlog to Sprint.

Our team also has a group chat on Messenger that allows us to talk and discuss about problems we may encounter during the API developing process.

Below are the responsibilities for every member:

| Team Member                             | Responsibilities  |
|---|---|
| Yue Wu<br>(May Wu)                      | <ol style="list-style-type: none"><li>1. Building the API module</li><li>2. Testing and Optimisation</li><li>3. Get data from database</li><li>4. Call other APIs</li></ol>           |
| Blaise Paradeza                         | <ol style="list-style-type: none"><li>1. Building the API module</li><li>2. Testing and Optimisation</li><li>3. Get data from database</li><li>4. Call other APIs</li></ol>           |
| Minh Thien Nhat Nguyen<br>(Eric Nguyen) | <ol style="list-style-type: none"><li>1. Build the scraper</li><li>2. Store data in the database</li><li>3. Build the frontend</li><li>4. Manage the team and process speed</li></ol> |
| Wenjie Zhao<br>(Jemma Zhao)             | <ol style="list-style-type: none"><li>1. Design database schemas</li><li>2. Manage database</li><li>3. Build the frontend</li><li>4. Book rooms and write documentations</li></ol>    |

## Project Timeline

| Date                           | Milestones  |
|--------------------------------|---|
| March 11th<br>(Monday, week 4) | Finish the initial design<br>Start working on everyone's part   |
| March 15th                     | Finish the basic functionalities of API<br>Finish the initial design of database<br>Have a working scraper                                    |
| March 18th<br>(Monday, week 5) | Finish advanced features of API<br>Have a working database<br>Scraper works perfectly   |
| March 22nd                     | Successfully connect database with scraper<br>Successfully connect database with API<br>Finish the documentation<br>API specification URL due |
| March 25th<br>(Monday, week 6) | Deploy our API to DigitalOcean<br>Brainstorm on what other APIs to choose<br>Start building the frontend of our website                       |
| March 29th                     | Finish the backend of the our application<br>Try to call other APIs we chose from backend<br>Brainstorm on extended features<br>Stage 2 due   |
| April 1st<br>(Monday, week 7)  | Start implementing the extended features<br>Integrate our own API with other APIs<br>Testing the features of our website                      |
| April 5th                      | Finish the front end of our application<br>Connect the front end and back end   |
| April 8th<br>(Monday, week 8)  | Prepare for the demonstration<br>Do more testing<br>Start finishing the report  |
| April 12th                     | D3 due  |

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| April 15th<br>(Monday, week 9)  | Working on extended features<br>Start writing the final report         |
| April 19th                      | Do more testing about all features we have<br>Writing the final report |
| April 22th<br>(Monday, week 10) | Finish the final report<br>Prepare for the final demo                  |
| April 26th                      | D4 due   |