

Project Requirements

- **Executive summary**

The project aims to provide a platform to communicate during the pandemic. It also serves the purpose of keeping up with updated information of Covid-19 and reminding people to pay more attention to protect themselves.

- **Purpose and Scope**

1. Purpose

- 1) Keep up with the updated information about Covid-19
- 2) Remind people to pay more attention to protect themselves and others
- 3) Provide a platform for people to communicate during the special period

2. Scope

Provide data, news, health instructions, and policies regarding Covid-19.

- **Target Market**

People who wish to share their thoughts with the community and people who need an access to information regarding data, news, health instructions and policies of Covid-19 combined together in one website.

- **Project Overview and Uses**

Member Page: Register, Log in, Home, People

Information Page: Data, News, Health, Policy

Details in the document of “Project Features”.

- **Requirements**

1. Technical

- 1) Front-end: React.js, HTML/CSS, JavaScript, Bootstrap

- 2) Back-end: Express.js, Node.js

- 3) Database: MongoDB

2. Functional

Realize the function of users checking data, news, health instructions and policies.

- **Non-Functional Requirements (NFR)**

Traceability: Create issues in Github to link each functionality to its corresponding code. Fill out Workflow Chart to represent the relationship between requirements and its functionalities in the project.

- **Elaboration**

The users can register on the website and become member of the community. They can share their thoughts about Covid-19. And the platform will give them access to the most recent and updated data, news, health instructions and policies during the special period.

- **Collaboration**

Conduct zoom meetings daily, weekly or as needed. Using sprint backlogs to record meeting goals and details. Utilizing google docs and Github to review document and code, and to propose suggestions to update the product.

- **Evaluation**

Identify stakeholders – course staff and end-users – all the member of the class.
Recognize multiple viewpoints of stakeholders and end-users and work toward collaboration to make each party come to an agreement.

- **Validation**

1. Keep in touch with stakeholders (Professor and the TAs) to ensure the requirements are consistent and easy to implement.
2. Use test cases in console and test in web page to ensure functionalities works perfectly.