**Covid19 management system for HMO**

Client code written with C++.

Server code written with Python.

Project Configuration

Server

Developed with PyCharm 2022.3.1.

Server code written with Python 3.11.3.

Server project onfiguration:

SQLite3— DB-API 2.0 is used. <https://docs.python.org/3/library/sqlite3.html>

Flask Library 2.3 is used. https://flask.palletsprojects.com/en/2.3.x

1.1. Get SQLite3

SQLite3: SQLite3 is a self-contained, serverless database engine. It is usually included with Python installations by default, so you may not need to install it separately. However, if you don't have it, you can download it from the official SQLite website (https://www.sqlite.org/download.html) and install it on your system.

1.2 Get Flask

Open a command prompt or terminal and use the following command to install Flask using pip:

pip install flask

Client

Visual Studio Code 2023.

Client code written vue3.

Client project onfiguration:

Vue3 is used. https://vuejs.org

Ionic Framework is used. <https://ionicframework.com>

2.1. Get Vue3

Install Node.js: Vue.js requires Node.js, which includes the npm package manager. You can download and install Node.js from the official website: <https://nodejs.org>

Open a command prompt or terminal and run the following command to install the Vue CLI globally.

npm install -g @vue/cli

2.2 Get Ionic

Install Node.js: Ionic requires Node.js and npm to be installed on your system. You can download and install Node.js from the official website: <https://nodejs.org>

Install Ionic CLI: Once Node.js is installed, you can install the Ionic CLI globally on your system. Open a command prompt or terminal and run the following command:

npm install -g @ionic/cli

To run the client open the terminal and run the command:

npm run dev

Demonstrations from the client



   