



# README

## REQUIREMENTS

OS: Windows/Linux/macOS

Environment: Node (install from <https://nodejs.org/en/>), Python 2.7 and Flask (<http://flask.pocoo.org/>)

## Installing the dependencies

Using the terminal go to the root of the folder and run the following commands:

```
npm install
```

## Running the Frontend Server

```
npm start
```

It will run the server on port 3000 by default. If you want to change the port, edit package.json in the root folder and change the **"start:"** script to **"start": "PORT=8080 react-scripts start"**

## Running the Application Server

```
cd server/
```

```
python api.py
```

Install the dependencies using pip (<https://pypi.org/project/pip/>)

This is standalone server, it can be moved from the project structure and run on separate machine

**Real-time (RTC) server** is running on our AWS instance: <http://52.15.83.136:3000/>, written in JS. The code is available in **RTC/** directory at root. The server can be run using the following commands as a separate service.

```
cd RTC/
```

```
npm install
```

```
npm start (or > node index.js)
```

**MongoDB server** is running as a separate cluster on MongoDB Atlas, <https://www.mongodb.com/cloud/atlas> (as mentioned in the report).

You can connect and check out the schema and data using the following credentials.

```
mongodb+srv://root:qwerty1234@zebra-0d9rq.mongodb.net/admin
```

**NOTE:** Google authentication only works on qualified domain names or on localhost in development mode. If you face any problem, logging in do let us know ([apsaini@sy.edu](mailto:apsaini@sy.edu)) and we will enable it on your IP and port.