

I am making this doc to highlight and provide fixes to some of the most common issue people might run into when running the capstone project:

How to run the project locally:

- **Running the frontend**

Repo for the CWRU CSDS Senior Project

How to work with the frontend? Step 1: Clone the repo using git or Github Desktop Step 2: after opening the repo in any IDE of choice cd into the frontend folder Step 3: run "npm install" to install all the dependencies Step 4: run "npm start" to start the project

email or text me(Parv) for any questions!

- **Running the backend**

On Windows:

```
python -m venv venv  
venv\Scripts\activate
```

On macOS/Linux:

```
python3 -m venv venv  
source venv/bin/activate
```

3. Install Dependencies

```
pip install -r requirements.txt
```

5. Run the Server

```
python backend.py
```

What do the commands do:

Frontend

1. **npm install:** downloads all the latest versions of the libraries used in the project to run the project
 - Common errors you might encounter:
 - npm not found: meaning npm is not installed.
 - **Fix:** Install npm using brew or any other method you may find fit for you
2. **npm start:** starts the frontend

- Common errors you might encounter:
 - Incompatible versions of different libraries:
 - **Fix:** run `npm install --legacy-peer-deps`

Backend

Assuming all of you have python installed

Note

1. `source ven/bin/activate`: activates the virtual environment to run flask connecting the frontend and backend
 - Common errors you might encounter
 - (empty)
 - (empty)
2. `pip install -r requirements.txt`: installs the libraries
3. `python backend.py`: runs the backend.py file. Common issues are listed below

The most common issue by far is installing Flask and then running backend.py.

Installing Flask and running then:

Ensure you have python/python3 installed and pip installed usually pip automatically installs when you install python

-> <https://www.python.org/downloads/> is a good reference to download Python

1. `pip install flask`
 - Common issues you might encounter
 - flask requirements already satisfied but flask is still not found as a module:
 - Fix: If you installed flask using anaconda uninstall anaconda and download flask using the pip command
 - Fix: Ensure the virtual environment is activated before running the backend.py
 - <https://chatgpt.com/share/67ead3d0-a2dc-8005-aa67-f8bbe650aae3> refer to this chat for more debug information

Text/Call: Parv +1(216)482-6703 if you have any trouble running the app. I'll be happy to help