

# 3300\_Project

LINK TO GITHUB: [https://github.com/idonotwantthisaccount/3300\\_Project.git](https://github.com/idonotwantthisaccount/3300_Project.git)

Semester Project for 3300 Summer Class

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## Software License

The code in this project is licensed under the GNU Affero General Public License (AGPLv3). You may obtain a copy of the AGPLv3 license at <https://www.gnu.org/licenses/agpl-3.0.en.html>.

## Data Attribution

This project uses weather data from Open-Meteo (<https://open-meteo.com/>), licensed under the Creative Commons Attribution 4.0 International License (CC BY 4.0). You can view the license at <https://creativecommons.org/licenses/by/4.0/>.

Adaptations to the data were made as follows: [describe any modifications made, if applicable].

The original data can be accessed at <https://open-meteo.com/>.

# How to run our software on a Windows device

## 1. Open Command Prompt

- Press Win + R, type cmd, and press Enter.

## 2. Navigate to Your Project Directory

- Use the cd command to change to the directory where your Django project is located. For example:

```
cd path\to\your\project
```

## 3. Create a Virtual Environment

- If you haven't already created a virtual environment, you can do so with the following command (replace “env” with whatever you wish to name your environment):

```
python -m venv env
```

## 4. Activate the Virtual Environment

- Activate the virtual environment with the following command:

```
.\env\Scripts\activate
```

## 5. Install Django

- If Django is not already installed in your virtual environment, install it with:

```
pip install django
```

## 6. Install Pillow

- If Pillow is not already installed in your virtual environment, install it with:

```
pip install Pillow
```

## 7. Run the Django Development Server

- Start the Django development server with:

```
python manage.py runserver
```

## 8. Go to the Given URL

- Should be <http://localhost:8000/> or similar.

# How to run our software on a Mac device

## 1. Open Terminal

- Press command + Spacebar, type terminal, and press Enter.

## 2. Navigate to Your Project Directory

- Use the `cd` command to change to the directory where your Django project is located. For example:

```
cd path\to\your\project
```

### **3. Create a Virtual Environment**

- If you haven't already created a virtual environment, you can do so with the following command (replace “env” with whatever you wish to name your environment):

```
python3 -m venv env
```

### **4. Activate the Virtual Environment**

- Activate the virtual environment with the following command:

```
source env/bin/activate
```

### **5. Install Django**

- If Django is not already installed in your virtual environment, install it with:

```
pip3 install django
```

### **6. Run the Django Development Server**

- Start the Django development server with:

```
python3 manage.py runserver
```

### **7. Go to the Given URL**

- Should be <http://localhost:8000/> or similar.