Weathatix

Production URL: [https://cms12.herokuapp.com](https://cms12.herokuapp.com/)

GITHUB: <https://github.com/XuryaX/Weathatix_DEV>

Setting up Dev Environment:

How to Install:-

1. Set up a python development environment using virtualenv.

2. Activate the created virtual environment.

3. Enter the following commands in root folder of the project:

a) pip install requirements.txt

b) python manage.py makemigrations

c) python manage.py migrate

d) python manage.py collectstatic

To Run Project:

python manage.py runserver

**How to Test:**

Once Run, the project would be available for testing at <http://127.0.0.1:8000/>.

The User would need to register an account before using the site. Then the user would have to login and then could use the application.

Before plotting a graph the user would have to add a station from the left panel. Once added the user could plot a graph of Temperature or humidity on the screen.

The User can subscribe to weather alerts from clicking the “schedule” text written on the right panel, below the plot widget.

For email alerts a modal opens , asking for the station to subscribe to.

The User can only subscribe to a station, only once.

The Updates are sent using a custom manage.py command.

The Email alerts are enabled using CronJobs. The cronjobs have to be set as

“python manage.py send”

You can use any cron implementation for this.

**Microsoft's Setting up Task in Windows:**

<http://windows.microsoft.com/en-US/windows7/schedule-a-task>