

## Coding Challenge – Backend

Please, write a Django web application which can show the current weather for any city.

The user can enter the name of city he would like to know the current weather at.

The result should contain information on:

- the requested city
- temperature, min. temperature, max. temperature
- humidity, pressure
- wind speed and direction (north, south, west, east)
- description

The data is shown in the metric unit system.

The HTML visualization is organized and informative.

The results are cached for a configurable amount of time (5, 10, 60 minutes).

Failure is expected and handled gracefully.

The application supports English and two other languages of your choice.

You receive bonus points if asyncio is used to handle the network calls.

Please, create a free <https://openweathermap.org> account, get an API key and use the current weather data API: <https://openweathermap.org/current>.

What we expect:

- clean, readable, and well tested code
- a clean architecture which is simple yet shows the path to a production grade application
- coding not just the "happy path" but also handling erroneous requests, ...
- usage of a VCS and an informative commit history
- a working docker-compose setup, so the app can be run with one command
- Quick start README

We are looking forward to your solution!