

Peter Popovics Weather Forecast Project work

Github: https://github.com/PopovicsPeti/weather_forecast/tree/master

Google Firebase host: <https://weather-forecast-69fe0.web.app>

This is a simple weather forecast application. In this project I use two different API to get the required data. Google places API provides the coordinates for the Open Weather API to get the weather data. This application receives 40 weather log, one for every 3 hours in the next 120 hours, This feature shows the weather for the next 5 day.

Firstly I use Google places API to implement an autocomplete component mechanism which makes easier to find a city and in the same time all option given by the API are valid. When a place name is chosen the API gives back photos from that particular city that I use as backgrounds for the slider and I can collect the latitude and longitude of the city.

I use these data to make a request to the Open Weather API. Two interfaces and three costume pipe help to handle the data.

This application contains three components and two services in order to achieve reusability and encapsulate the logic.

The application has simple error handling options in case of potential problems.

How to use weather forecast app:

1. It starts with an image which greets the user
2. Type a city name than click on an option given by the autocomplete feature.
3. The application shows a slider that contains the weather forecast