

Noah Osterhout

theWeather Web App

Documentation

December 9<sup>th</sup>, 2018

# theWeather

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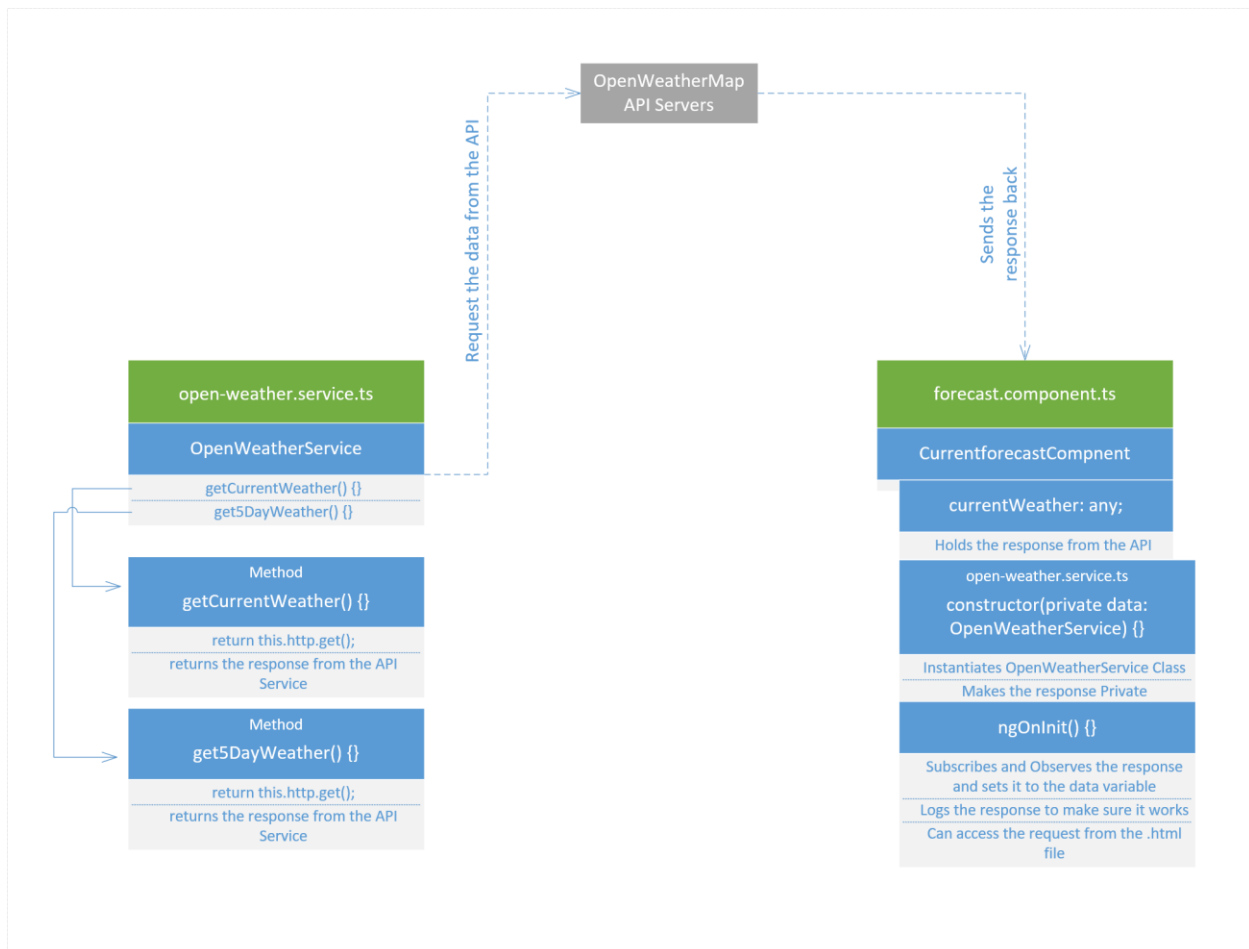
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## Entity Diagram



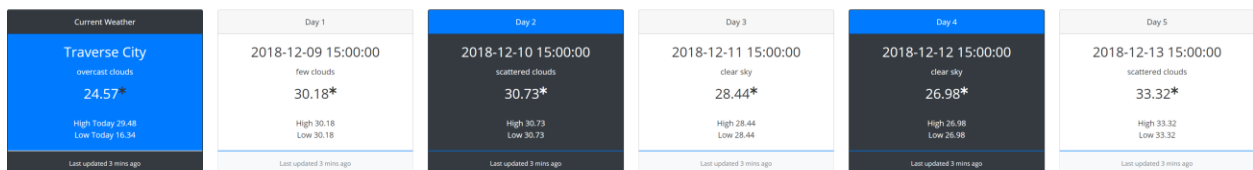
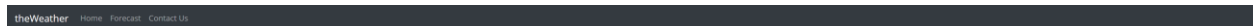
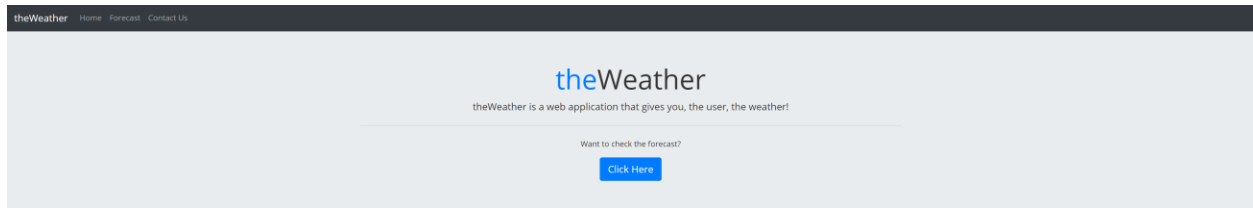
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## Wireframes



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[Home](#)[Forecast](#)[Contact Us](#)

Email

Enter your email



We'll never share your information outside our company

Your Message

Submit

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## Technical Documentation

### Revisions

Master Branch Revisions :

<https://github.com/NoahFlowa/WeatherApp/commits/master>

5 Day Forecast Branch Revisions :

<https://github.com/NoahFlowa/WeatherApp/commits/4DayForecast>

### Executive Summary

theWeather is a web app that aims to be simple and fast. It uses Angular 7, HTML 5, CSS 3, JS 9, TypeScript, Node.JS to make it all possible.

The purpose for such an app is because most weather apps take too long to load and don't work that well on smaller screen, so we aimed to make it work on an 80" TV to an iPhone 3G.

The target audience is anyone who needs to access the weather fast using any web engine, from mobile browsers to desktop grade browsers.

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Goals are to finish the UX | UI and fix some of the discrepancies throughout the app and code. Eventually launch the app on Mobile through Native Script.

### Assumptions

Assuming one knows what the Weather is and the API works everyday without going over the 'FREE' tier, the app should work fine

### Risks

The API can reject the requests for the Weather and make the app worthless. Also the API can be updated and changed without us knowing and being able to plan to change the app to accommodate the new API docs.

### Dependencies

The Project dependencies are OpenWeatherMap API and the source code dependencies are all in the 'package.json' file.

### Requirements

Angular 7 CLI

Node.JS 8.0.1 or >

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README.md

## References

Package.json

README.md

GitHub.com Commits

Angular CLI

Node.JS NPM CLI

## User Documentation

### Developer Documentation

#### How to install the Source Code

I'm going to assume you know how to use git CLI. Go ahead and [git clone](#) the following repository to where ever you want on your local machine →

<https://github.com/NoahFlowa/WeatherApp>

Once that's done downloading open whatever editor you use (I use VS Code) and there you go! You now have the Source Code!

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### How to run test environment on machine

Again, I'm going to assume you installed Angular 7 CLI using NodeJS version 8 or better. Once you have that installed and set, open your terminal (cmd, PS, Terminal) and `cd` into wherever you downloaded the repository from Github. Then run `ng s`. This will run the dev server for Angular and will be located at `localhost:4200`. There you go!

### How to deploy to server

If you made your own changes to the app and would like to deploy to your server, go ahead and `cd` back into wherever your app is. Then in your terminal, execute `ng b -- prod`. This will make a `dist` folder in your directory and you copy those files and put them on your server! Need more help? See Angular.io for Deployment

## Casual User Documentation

### How to use theWeather application

Head to <https://weather.noahosterhout.com> and go to forecast! There!

### How to report bugs or features

Head to <https://weather.noahosterhout.com> and go to Contact Us! There!