Weather-App

1. Introduction

My idea is to implement a website for weather forecasts. It is a common idea and nothing new, but I would like to dive in into the idea of navigating such a webpage. I would like to show the whole week and short information on the main page and maybe when clicking on a specific day it shows the weather in more detail. The values and benefits of this application are mainly for me to see how such a website could be build with little knowledge. To the user it shows just the weather forecast.

2. Expected List of Features

- A homepage, where the whole week is shown, so that the user has an overview and from then on can choose the day he/she is interested in

- When clicking on a specific card it opens a modal with the specific info, for the user to see more than just the average temprature

- There will be an input field for changing the city

- I think there will also be a second page, just for a little moon-calender. This would only be a feature nice to have.

3. Market Survey

- Ventusky is a weather forecast website, but it is very detailed and shows current wind-stages and everything surrounding the weather. It is much to detailed for me and my webpage would be minimalistic in comparison.

- Accuweather is more like I imagined. It is simpler and even gives you some city-suggestions depending on where you are right now.

- Wunderground is even more similar to my idea, but it shows you instead of the next few days immediately the next few hours of the day. This is also a good approach I think because many users are looking for the weather later that day to see what to wear for example.

- Worldweather again is a very big website with too much information. Here the user can find every little detail he/she wants to know. I think this is way too much nested, I want to build a much simpler, minimalistic webpage. But again I don't think users always want a simple approach when looking for the weather.

- Windy gives you an overview of the wind conditions but also the rest of the week you are at, which is again also my idea. You have a few options on the right where you can choose to look for clouds, rain and so on. It is very well designed

4. References

- https://www.ventusky.com/

- https://www.accuweather.com/

- https://www.wunderground.com/

- https://worldweather.wmo.int/en/home.html

- https://www.windy.com/?46.489,11.339,5