

UNIVERSITY PARTNER



L4CG1 – Internet Software Architecture

Individual Report

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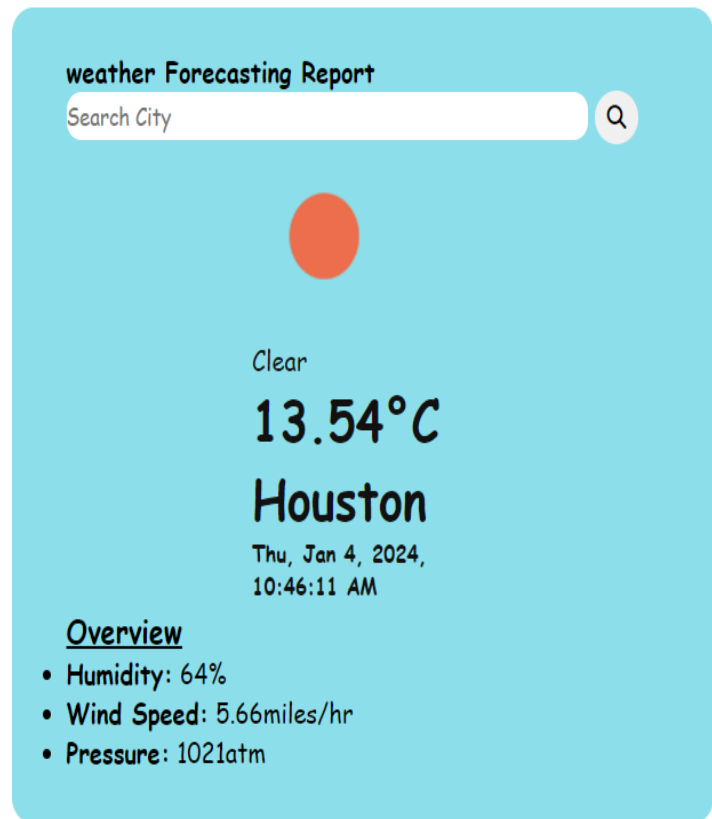
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Report On Weather Forecasting App

INTRODUCTION: This is my first prototype of a weather forecasting app. I have tried to do a simple design of weather app which I have divided into three parts **head:** heading, **body:** Container, and **footer:** Copyright. As in header I have tilted my project information, in body there are many elements like search icon image which changes by preference of weather condition, time, day, date and on the other hand, I also mentioned about **Humidity**, **Wind-speed** and **atmospheric pressure**. The Weather App project that emphasis on the development of a user-friendly application that collect and presents real-time weather information. Assigned as an individual Project as I was assigned weather condition **Houston** city, the objective of this project is to assist an understanding of website development by using **HTML**, **CSS**, and **JavaScript** computer programming. The created weather application makes it easier to access meteorological information for any searched city in the world. This report analysis the code's advantages and shortcomings and amplify for future development.



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POSITIVE ASPECT:

- It is well structured and easy to read and understand with simple design.
- The website shows metrological information of different cities in real time.
- You can also see different weather condition like Humidity, Wind-speed and atmospheric pressure.
- The website shows different weather icon that are fetched from API.
- It also shows real time and date of searched city.

NEGATIVE ASPECT:

- The whole website is operated by internet.
- Free openweather API has very slow server and may not function properly sometime.
- No use of symbols.
- No use of hover and key code

CONCLUSION:

At the end, my website is well-structure and easy to read and understand with minimally design and colors and show real time with different weather condition of different city in real time.

The free API server is very slow compared to paid one which doesn't work sometime and I didn't add any symbols, background and hover in my website. If I can overcome these problems in future my website will become better.

