Weather Forecast Web Application Overview

Objective: To create a straightforward web application for displaying current weather forecasts.

Technologies Used:

- HTML for structure.

- CSS for styling.

- JavaScript for dynamic interactions and API integration.

Features:

- Users can enter a city name to get its current weather.

- Predefined cities' weather is available on load and can be refreshed.

- Utilizes OpenWeatherMap API for real-time data.

- Incorporates error handling for non-existent cities.

Development Highlights:

- HTML: Simple interface with input, buttons, and display area.

- CSS: Clean, user-friendly design.

- JavaScript: Fetches and displays weather data, caches data for predefined cities to enhance performance.

Conclusion: This application showcases basic web development skills and the effective use of APIs to provide dynamic content.

Screenshots:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated