Name: Dogbe Felix

Index Number: 4206920

Reference Number: 20779484

Class: Computer Science 3

Gmail: [felixdogbe59@gmail.com](mailto:felixdogbe59@gmail.com)

**TITLE**

DEVELOPING A WEB APPLICATION TO DETERMINE THE WEATHER USING HTML, CSS AND JAVASCRIPT

**OBJECTIVE**

The proposed project aims to develop a user-friendly and responsive weather application that provides real-time weather information to users based on their location input. The application will be implemented using JavaScript, CSS, and HTML, ensuring a seamless user experience across various devices and browsers

**AIMS**

1.Real-Time Weather Data: Create a web application that fetches and displays up-to-date weather information from a reliable weather API based on the user's location.

2.User-Friendly Interface: Design an intuitive and visually appealing user interface using CSS and HTML to ensure ease of use and accessibility.

3.Responsive Design: Develop a responsive layout that adapts to various screen sizes, including desktops, tablets, and mobile devices.

4.Location Detection: Implement a feature that allows users to automatically detect their location or manually input a location to retrieve weather data.

5.Weather Details: Display a range of weather details such as temperature, humidity, wind speed, and weather conditions (e.g., sunny, cloudy, rainy) for the selected location.

**PROJECT FEATURES**

1.Location Selection: Users can input their location or use browser-based location detection.

2.Current Weather: Display the current weather conditions for the selected location.

3.Weather Icons: Use appropriate weather icons to visually represent weather conditions.

4.Weather Details: Show additional details such as temperature, humidity, and wind speed.

5.Forecast Display: Provide a multi-day weather forecast with daily temperature and condition information.

**CONCLUSION**

The Weather Application project aims to deliver a user-friendly and informative weather application using JavaScript, CSS, and HTML. By following the outlined objectives and features we intend to create a responsive and visually appealing application that provides real-time weather information to users, helping them stay informed about current conditions and upcoming forecasts.

Yours Sincerely