

Sky Insight – Weather App

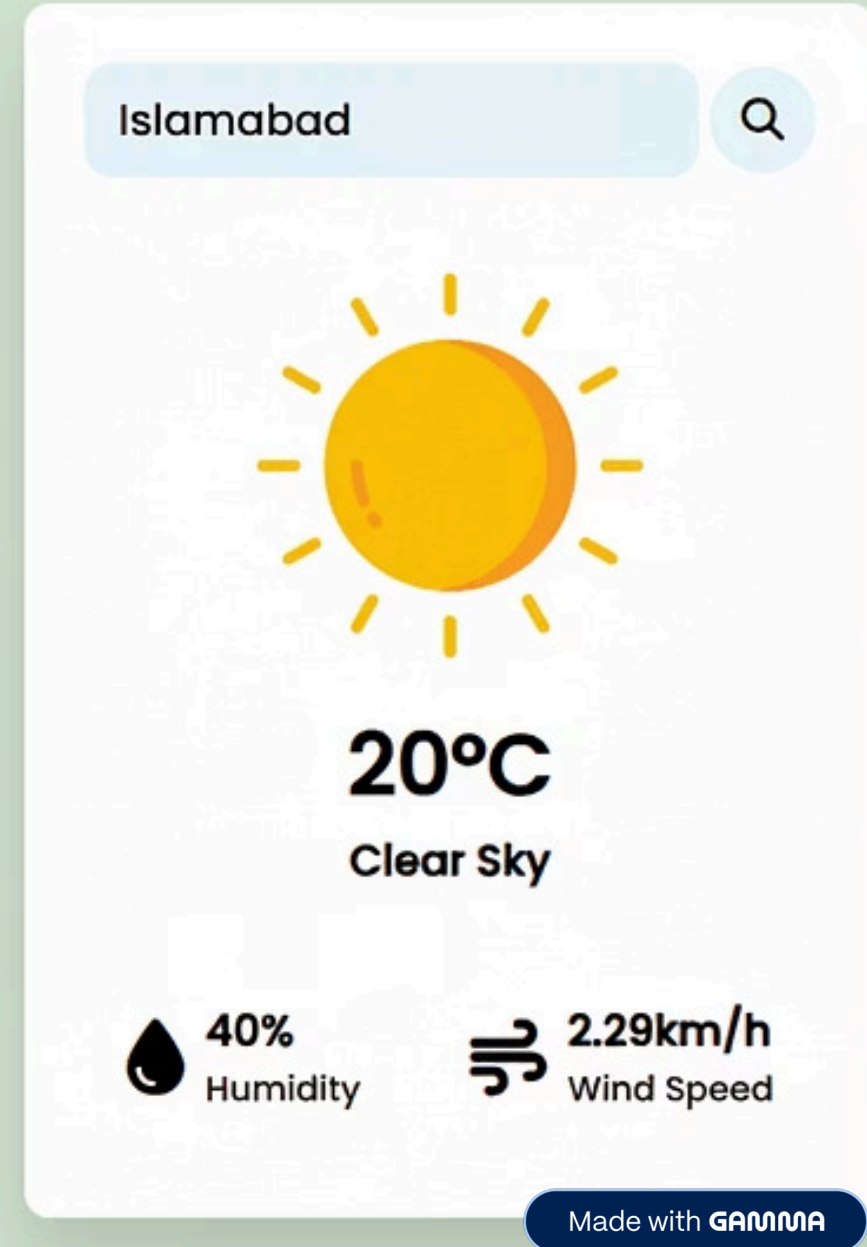
Real-Time Weather at Your Fingertips

Submitted by: Muhammad Arib Mehdi

Grade: 11-E

Introduction

- Simple, user-friendly weather app
- Fetches real-time weather using OpenWeatherMap API
- Allows users to search any city for weather details
- Displays temperature, condition, humidity, wind speed



Features



Search weather by city name



Shows temperature, humidity, and wind speed



Error message for invalid locations



Dynamic weather icons according to weather type

Technologies Used



HTML for structure



CSS for styling and layout



JavaScript for dynamic content



OpenWeatherMap API for real-time data

How It Works

1

User enters a city name

2

Fetch request sent to OpenWeatherMap API

3

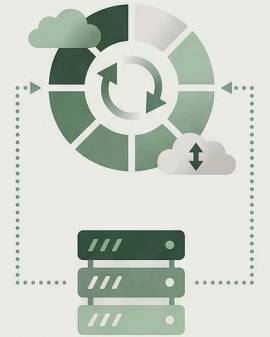
If location exists → weather details displayed

4

If invalid → error UI appears



API FETCH



WEATHER DETAILS



PARIS 20°C



ERROR

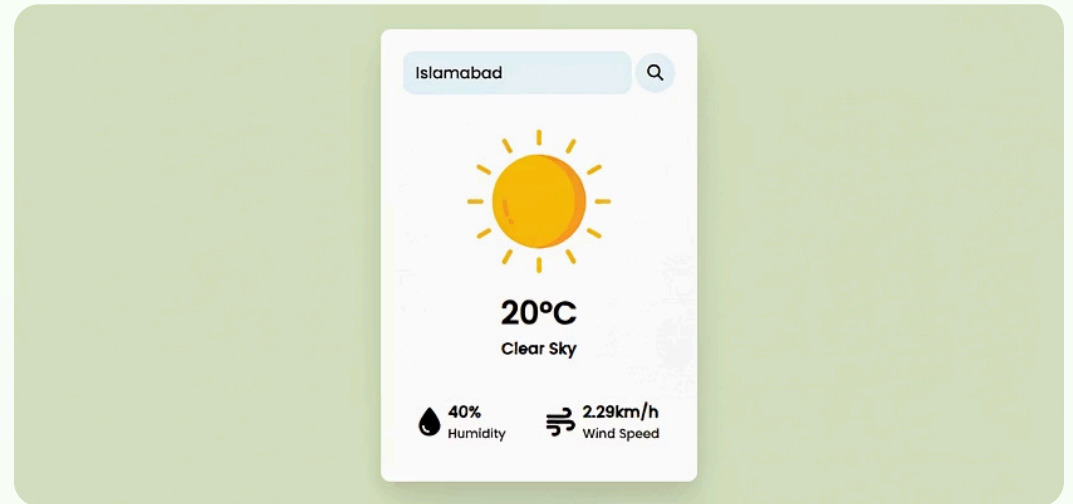
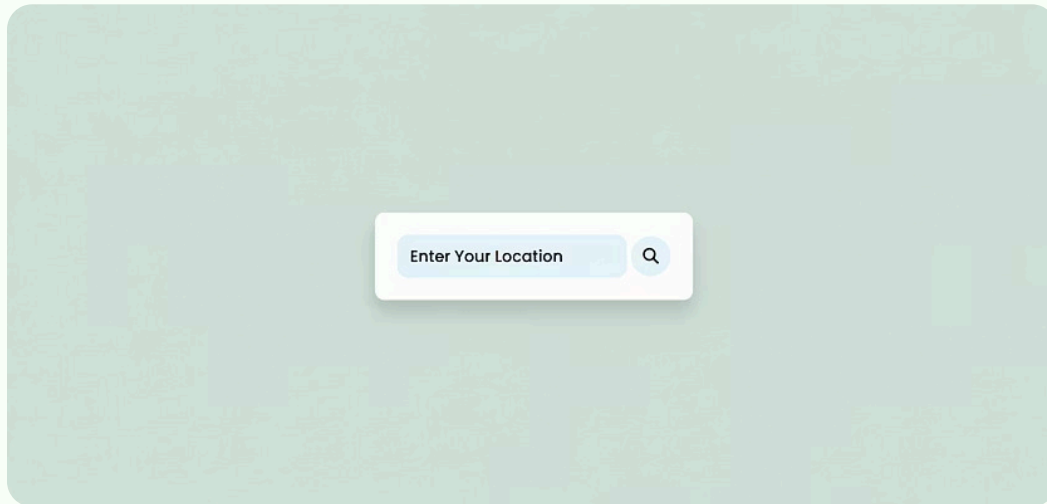


NOT FOUND

TRY AGAIN

App Preview

- Clean, intuitive interface
- Real-time weather updates
- Dynamic icons enhance visual appeal





Conclusion

- Sky Insight provides accurate, real-time weather
- Easy-to-use for any city in the world
- Combines simplicity with modern design