**WEATHER FORECASTING SITE**

**USING WEB DEVELOPMENT**

**const url = `http://localhost:3000/weather?city=${city}`;**

**CODING: (backend)**

const express = require('express');

const fetch = require('node-fetch');

const cors = require('cors');

const app = express();

const PORT = 3000;

const API\_KEY = 'YOUR\_API\_KEY'; // Replace with your OpenWeatherMap API key

app.use(cors());

app.get('/weather', async (req, res) => {

const city = req.query.city;

if (!city) return res.status(400).json({ error: 'City is required' });

const url = `https://api.openweathermap.org/data/2.5/weather?q=${city}&appid=${API\_KEY}&units=metric`;

try {

const response = await fetch(url);

const data = await response.json();

if (response.ok) {

res.json({

city: data.name,

temp: data.main.temp,

description: data.weather[0].description,

humidity: data.main.humidity,

wind: data.wind.speed

});

} else {

res.status(data.cod).json({ error: data.message });

}

} catch (error) {

res.status(500).json({ error: 'Server error' });

}

});

app.listen(PORT, () => {

console.log(`Server running at http://localhost:${PORT}`);

});