**No-Code/Low-Code Developer Assignment: Weather Analytics Dashboard**

**Objective:**

Develop a comprehensive weather analytics dashboard using a no-code/low-code platform that provides real-time weather updates, forecasts, and air pollution data. The application should allow users to select a city and view various weather-related data points.

**Assignment Details:**

1. **Project Description:**
   * **Background:** Accurate weather forecasting and data analysis are crucial for planning daily activities and for businesses in sectors like agriculture, tourism, and events.
   * **Goal:** Create an interactive dashboard that allows users to select a city from a dropdown menu and view its current weather, a detailed 3-hour step forecast for the next 5 days, and air pollution levels. Additionally, the dashboard should feature sections displaying lists of the top 10, 20, and 30 cities with the highest and lowest temperatures, along with a 5-day weather forecast and air pollution data for these cities.
2. **Platform Requirements:**
   * You may choose any popular no-code/low-code platform that supports API integration, such as Microsoft PowerApps, Google AppSheet, or Bubble or any of the ones the candidate is comfortable with.
   * The platform should allow for data manipulation and presentation, including creating dropdown menus, tables, and charts.
3. **Functional Requirements:**
   * **Data Integration:** Integrate with a weather data API (like OpenWeatherMap API) to fetch real-time weather data, forecasts, and air quality information.
   * **User Interface:**
     + A dropdown menu for selecting a city.
     + Display the current weather in the selected city.
     + Show a 3-hour step forecast for the next 5 days for the selected city.
     + Air pollution data for the selected city.
     + Automatically update lists showing the top 10, 20, and 30 cities with the highest and lowest temperatures globally, along with their 5-day forecasts and air pollution levels.
   * **Data Presentation:** Information should be presented in a clear, organized manner using tables, charts, and graphs as appropriate.
4. **Deliverables:**
   * A fully functional application deployed on the chosen platform.
5. **Assessment Criteria:**
   * **Functionality:** Does the application meet all the functional requirements specified?
   * **Usability:** Is the application intuitive and easy to navigate?
   * **Design and Presentation:** Are the data and analytics presented in an easy-to-understand and visually appealing manner?
   * **Creativity and Problem Solving:** How effectively does the application solve the given problem? Are there any innovative features or solutions?
6. **Timeline:**
   * The assignment should be completed within a week from the date it is issued.
7. **Submission Guidelines:**
   * Provide access to the live application.
   * Submit all documentation and the video demonstration via email or a file-sharing service.
8. **Evaluation Process:**
   * The submission will be reviewed Feedback will be provided, and a follow-up interview might be scheduled to discuss the project and your approach in detail.