Openweathermap API will provide

- Access current weather data for any location including over 200,000 cities
- Current weather is frequently updated based on global models and data from more than 40,000 weather stations
- Data is available in JSON, XML

a) Get_CurentWeather_by_CityName : Get current weather details in XML or JSON format by providing the city name, county code.

   • Input: city name (chennai, dallas, london etc.) , mode (xml/json), country code (in, us, uk etc.) & OpenWeatherMap API Key (from https://openweathermap.org/api)

   • Steps: Gets the response code and gets the current weather condition

   • Output: status code & current weather condition on the city name

b) Get_CurrentWeather_by_Zip: Get current weather details in XML or JSON format by providing the zip code, county code

   • Input: zip (76131 ,605008) , mode (xml/json), country code (in, us, uk etc.) & OpenWeatherMap API Key (from https://openweathermap.org/api)
   • Steps: Gets the response code and gets the current weather condition
   • Output: Status Code & current weather condition based on zip in XML or JSON format

c) Get_Weather_5day_Forcast_by_CityName : Get Weather forecast for next 5 days with 3 hours intervals in XML or JSON format by providing the city name, county code.

   • Input: city name (chennai, dallas, london etc.) , mode (xml/json), country code (in, us, uk etc.) & OpenWeatherMap API Key (from https://openweathermap.org/api)
   • Steps: Gets the response code and gets the weather forecast for next 5 days with 3 hours intervals condition
   • Output: Status Code & Weather forecast for next 5 days with 3 hours intervals condition on the city name

d) Get_Weather_5day_Forcast_by_Zip : Get Weather forecast for next 5 days with 3 hours intervals in XML or JSON format by providing the zip code, county code.

   • Input: zip (76131, 605008 etc) , mode (xml/json), country code (in, us, uk etc.) & OpenWeatherMap API Key (from https://openweathermap.org/api)

   • Steps: Gets the response code and gets the weather forecast for next 5 days with 3 hours intervals condition

   • Output: Status Code & Weather forecast for next 5 days with 3 hours intervals condition based on the zip

Setup the package:

1. Download the package from UiPath Go!
2. Place the downloaded package in C:\Users\xxxx\AppData\Local\UiPath\app-xx.x.x\Packages
3. Open the Uipath project
4. Go to Manage Packages
   a) Install the web activities package (Uipath.Web.Activites [for HTTP request] to Open weather map API requests) https://activities.uipath.com/docs/about-the-web-activities-pack
   b) search for 'openweathermap' from local and install the package
5. check if the 'Openweathermap' activity is available
6. Setup Open weather map api key
7. Go to https://openweathermap.org/
8. Click on 'Sign up'
9. Fill in the details to create an account
10. Click on 'Sign in'
11. Sign into the account
12. Note the API key