Soo Yun Kim

Bob Dimpsey

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Description of WeatherAPI

My weather application is to inform users of the city’s weather information whenever they enter the name of the city. The weather information includes the country of the city, a short description of the current weather, current temperature, today's minimum temperature, today's maximum temperature, pressure, humidity, the direction of the wind, and cloudiness. JSON (JavaScript Object Notation) uses Celsius as a unit of temperature instead of Fahrenheit, hpa as a unit of air pressure, % in units of humidity, miles per hour as a unit of wind speed, and % in cloudy units.

I will explain how this weather application is implemented. First, on the web site named OpenWeatherMap, save the API with current temperature as the base address by using HttpClient using System.Net.Http. Then, the user will be given the name of the city they want to know about the weather of the city. Next, HttpWebResponse checks to see if the information received through the city name and APPID is valid. If the information is valid, store it as a string and convert it to JSON by using using Newtonsoft.Json. It defines JSON’s functions and brings weather information through those functions. There are more functions besides those that I wrote in my application. If you want to get other information, you can get information from the function call. The unit of temperature at JSON was changed to Fahrenheit because it originally was Celsius. I also switched the unit of wind speed to miles per hour because JSON shows the meter per second.