**Overview:** I create a weather forecasting application. First of all I create an account on the Open weather map website and they provides me an API key which I used in my application to track the live weather from the same website. On the website they provide all the information how we use JSON to parse a string HTTP request and when the server sends the request back to device we need to use JSON again to convert a parse format to human readable string format.

**Improvements:** I have an idea to improve this application, like we can attach a menu button which I add an option to add or change location or we can add a button for the current location, once user press it take’s their current location and add to the location option and display the weather of the exact location, we do this same thing in lab one, where we have an option in settings to change the user name or password and those values also change when we send request on server.

**What is ASyncTask?**

<http://programmerguru.com/android-tutorial/what-is-asynctask-in-android/>

**Web Fonts:**

http://erikflowers.github.io/weather-icons/

**Weather API Website:**

https://openweathermap.org

**JSON Response:**

https://openweathermap.org/current