PROJECT OBJECTIVES

**Knowledges Gained:**

* Gain knowledge of Watson IoT Platform.
* Connecting IoT devices to the Watson IoT platform and exchanging the data and to display values.
* Gain knowledge of OpenWeatherMap API Service
* Creating a Web Application through which the user interacts with the device.

**Project Flow:**

* Receiving road sign values to the IBM IoT platform from Node-RED Web UI
* Weather conditions can be viewed in the Web Application

To accomplish this, we have to complete all the activities and tasks listed below:

* Create and configure IBM Cloud Services
  + Create IBM Watson IoT Platform
  + Create a device & configure the IBM IoT Platform
  + Create Node-RED service
  + Create a database in Cloudant DB to store location data
* Develop a web Application using Node-RED Service.
  + Develop the web application using Node-RED
* Develop a python script to publish the location details to the IBM IoT platform