

TEAM ID	PNT022TMID37754
PROJECT NAME	Industry-specific intelligent fire management System

Project Objectives

By the end of this project you will:

- ✚ Gain knowledge of Watson IoT Platform.
- ✚ Connecting IoT devices to the Watson IoT platform and exchanging the sensor data.
- ✚ Gain knowledge on Cloudbant DB
- ✚ Creating a Web Application through which the user interacts with the device.

Project Flow:

- ✚ Sending random fire and temperature values will be sent to the IBM IoT platform
- ✚ Sensors values can be viewed in the Web Application
- ✚ Notifies the admin the random values cross the threshold value

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 Cloudbant 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

