PROJECT OBJECTIVES

|  |  |
| --- | --- |
| **PROJECT** | **INDUSTRY- SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM** |
| **TEAM ID** | **PNT2022TMID12796** |

# By the end of this project, we will:

* Gain knowledge of Watson IoT Platform.
* Connecting IoT devices to the Watson IoT platform and exchanging the sensor data.
* Gain knowledge on Cloudant 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 must 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