

# 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
  - o Create IBM Watson IoT Platform
  - o Create a device & configure the IBM IoT Platform
  - o Create Node-RED service
  - o 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

