PROJECT OBJECTIVES

PROJECT	INDUSTRY- SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM
TEAM ID	PNT2022TMID34516

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