Delivery Sprint-2

Industry-Specific Intelligent Fire Management System

TEAM ID: PNT2022TMID45189

Create a smart fire management system that includes a Gas sensor, Flame sensor and temperature sensors to detect any changes in the environment. Based on the temperature readings and if any Gases are present the exhaust fans are powered ON. If any flame is detected the sprinklers will be switched on automatically. Emergency alerts are notified to the authorities and Fire station.

Sprint-2

Software (Create device in the IoT Watson platform, workflow for IoT scenarios using Node-Red)

STEPS

- 1) Create a IBM Cloud account using the instructions given by tutorial instructors / watching the manual in the Drive Documents.
- 2) Then Login to the IBM Cloud and it open to the Dashboard.
- 3) Create a IoT Service and save the individual credential shown in the display.
- 4) Launch the IBM IoT Watson Platform and Create a new device and save the credential for future references.
- 5) Add new device and code the program for the module / project and save it.
- 6) Finally Simulate using the device simulator and create the board to show the data's in output of the eventflow.
- 7) Then create a Node-Red flow using the required credential like shown in the tutorial as a reference.
- 8) Connect the Node-Red with IBM IoT Watson with the required API Key information and deploy the Node-Red for the Data to show.

THE PROCESS











































