PROJECT WORK FLOW

Date	19 September 2022
Team ID	PNT2022TMID21445
Project Name	Gas Leakage monitoring & Alerting system for Industries
Project TEAM members	917719D114 – ARIKARASHRI. K 917719D127 – NITHISH KUMAR. M 917719D129 – RANJITH KUMAR. P 917719D130 – RUTHRAM. M 917719D135 – UDHAYAKUMAR. U

OBJECTIVES:

- The parameters like hazardous gas levels, fire, humidity, and temperature data are published to the Watson IoT platform

- The device will subscribe to the commands from the application and take decisions accordingly to switch on the rainwater sprinkler in case of emergencies

- Sensor data is visualized in the Web Application

- 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 and Device

- Create Node-RED service

- Develop the Python Script

- Develop the Python Script

- Develop a web Application using Node-RED Service.

- Develop the Web application using Node-RED

- Testing the Web UI by giving the required inputs