

Project Objectives

Project Title: Gas Leakage Monitoring and Alerting System

Team ID: PNT2022TMID00248

TEAM MEMBERS :

1. DEENADHAYALAN S - **Team Leader**
2. AKKSHAY VS
3. DEEPAN HARI B
4. DHANUSH S

- Gain knowledge of Watson IoT Platform.
- Connecting IoT devices to the Watson IoT platform and exchanging the sensor data.
- Gain knowledge on IBM Cloudant DB
- Explore Python client libraries of Watson IoT Platform.
- Explore Python library for integrating OpenCV for accessing the Live Camera Input
- Scan the QR code in live streaming and retrieve the QR code details
- Gain knowledge of web application development.
- Gain knowledge of storing the data in Cloudant DB
- Generating QR codes with the required data.