

## **PROJECT OBJECTIVES**

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:**

- 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.