

## MILESTONES AND ACTIVITY LISTS

Date	26 October 2022
Team ID	PNT2022TMID18250
Project Name	Gas leakage monitoring and alerting system for industries

### 1. Preparation Phase (22.08.22 to 27.08.22)

- Pre-requisites
  - ❖ **Pre-requisites**
    - ✓ IBM Cloud
    - ✓ Software
  - ❖ **Project Objectives**
    - ✓ Abstract
    - ✓ Brainstorming
  - ❖ **Create and Configure IBM Cloud Services**
    - ✓ Create IBM Watson IoT Platform and Device
    - ✓ Create Node Red Service
    - ✓ Create a Database in Cloudant DB
  - ❖ **Develop the Python Script**
    - ✓ Develop a Python Script
  - ❖ **Develop a web application using Node RED Service**
    - ✓ Develop a web application using Node RED
- Registrations
- Environment Set-up

### 2. Ideation Phase (29.08.22 to 17.09.22)

- Literature Survey
- Empathize
- Defining Problem Statement
- Ideation

### 3. Project Design Phase 1 (19.09.22 to 10.10.22)

- Proposed Solution
- Problem Solution Fit
- Solution Architecture

#### **4. Project Design Phase 2 (15.10.22 to 25.10.22)**

- Requirement Analysis
- Customer Journey
- Data flow Diagram
- Technology Architecture

#### **5. Project Planning Phase (17.10.22 TO 26.10.22)**

- Milestone and Tasks
- Sprint Schedules

#### **6. Project Development Phase (26.10.22 to 19.11.22)**

- Coding and Solutioning
- Acceptance Testing
- Performance Testing