

MILESTONES AND ACTIVITY LISTS

Date	25 October 2022
Team ID	PNT2022TMID27071
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 01.10.22)

- Proposed Solution
- Problem Solution Fit
- Solution Architecture

4. Project Design Phase 2 (03.10.22 to 15.10.22)

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

5. Project Planning Phase (17.10.22 TO 22.10.22)

- Milestone and Tasks
- Sprint Schedules

6. Project Development Phase (24.10.22 to 19.11.22)

- Coding and Solutioning
- Acceptance Testing
- Performance Testing