

GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES

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Project Name: Gas leakage monitoring and alerting system for industries

MILESTONE AND ACTIVITY LISTS

1. Prerequisites

- ✓ IBM Cloud Services
- ✓ Software

2. Project Objectives

- ✓ Abstract
- ✓ Brainstorming

3. Create And Configure IBM Cloud Services

- ✓ Create IBM Watson IoT Platform and Device
- ✓ Create Node- Red Service
- ✓ Create A Database in Cloudant DB

4. Develop The Python Script

- ✓ Develop A Python Script

5. Develop A Web Application Using Node-RED Service

- ✓ Develop The Web Application Using Node-RED

6. Ideation Phase

- ✓ Literature Survey on The Selected Project & Information Gathering
- ✓ Prepare Empathy Map
- ✓ Ideation

7. Project Design Phase-1

- ✓ Prepare Solution Fit
- ✓ Solution Architecture
- ✓ Proposed Solution

8. Project Design Phase-2

- ✓ Customer Journey
- ✓ Functional Requirement
- ✓ Data Flow Diagram
- ✓ Technology Architecture

9. Project Planning Phase

- ✓ Prepare Milestones & Activity List
- ✓ Sprint Delivery Plan

10. Project Development Phase

- ✓ Project Development-Delivery of Sprint-1
 - ✓ Project Development-Delivery of Sprint-2
 - ✓ Project Development-Delivery of Sprint-3
 - ✓ Project Development-Delivery of Sprint-4
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- ✓ **Final Deliverable**

