

# Milestone & Sprint Activity

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## **GAS LEAKAGE AND MONITORING SYSTEM FOR INDUSTRIES**

### **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