PROJECT PLANNING PHASE

Prepare Milestone and Activity List

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| **DATE** | 29 OCTOBER 2022 |
| **TEAM ID** | PNT2022TMID49806 |
| **PROJECT NAME** | Gas leakage monitoring and alerting system for industries |

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## 1.Prerequisties:

-》IBM Cloud Services

-》Software

## 2.Project Objectives:

-》Abstract

-》Brainstorming

## 3.Create And Configure IBM Cloud Services:

-》Create the IBM Watson Iot Platform And a Device

-》Create Node- Red Service

## 4.Develop A Python Script:

-》Develop the Python code

-》Publish Data to the IBM cloud

## 5.Develop A Web Application Using Node-RED Service:

-》Develop The Web Application Using Node-RED

-》Use Dashboard Nods for Creating UI (Web App)

## 6.Ideation Phase:

-》Literature Survey On The Selected Project & Information Gathering

-》Prepare Empathy Map

-》Ideation

## 7.Project Design Phase -1:

-》Proposed Solution

-》Problem Solution Fit

-》Solution Architecture

## 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