## TEAM ID : PNT2022TMID49788

**GAS LEAKAGE MONITORING AND ALERTING SYSTEM**

## Prerequisties

-》IBM Cloud Services

-》Software

## Project Objectives

-》Abstract

-》Brainstorming

## Create And Configure IBM Cloud Services

-》Create the IBM Watson Iot Platform And a Device

-》Create Node- Red Service

## Develop A Python Script

-》Develop the Python code

-》Publish Data to the IBM cloud

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

-》Develop The Web Application Using Node-RED

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

## Ideation Phase

-》Literature Survey On The Selected Project & Information Gathering

-》Prepare Empathy Map

-》Ideation

## Project Design Phase -1

-》Proposed Solution

-》Problem Solution Fit

-》 Solution Architecture

## Project Design Phase -2

-》Customer journey

-》 Functional Requirement

-》Data Flow Diagram

-》Technology Architecture

## Project planning Phase

-》 Prepare Milestones & Activity List

-》 Sprint Delivery Plan

## 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

# TEAM ID : PNT2022TMID49788

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