Project Planning Phase

Milestone and Activity List

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| --- | --- |
| Date | 19/11/2022 |
| TeamID | PNT2022TMID48655 |
| ProjectName | Gas leakage monitoring and alerting system for industries |

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| **TITLE** | **DESCRIPTION** | **DATE** |
| **Literature Survey& Information Gathering** | Literature survey on the selected project &gathering information by  Referring the, technical | 14 November 2022 |
|  | papers, research publication setc. |  |
| **PrepareEmpathyMap** | Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements | 14 November 2022 |
| **Ideation** | List the by organizing the brainstorming session and prioritize the top3 ideas based on the feasibility &importance. | 14 November 2022 |
| **ProposedSolution** | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact ,scalability of solution, etc. | 14 November 2022 |
| **ProblemSolutionFit** | Prepare problem-solution fit document. | 14 November 2022 |
| **SolutionArchitecture** | Prepare solution architecture document. | 14 November 2022 |

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| **Customer Journey Map** | Prepare the customer journey maps to understand the user interactions &experiences with the application(entrytoexit). | 14 November 2022 |
| **IBM cloud services** | * IBM Watson IOT platform * Node –RED Service | 14 November 2022 |
| **Publish Data to the IBM Cloud** | Declare the Steps to Send the sensor’s data to the cloud | 19 November 2022 |
| **Software** | Install the python IDLE. | 14 November 2022 |
| **Data Flow Diagram** | Prepare the Data flow Diagram. | 14 November 2022 |
| **Prepare Milestone&**  **ActivityList** | Prepare the milestones&  activity list of the project. | 19 November 2022 |
| **Project Development -DeliveryofSprint-1,2,3 &**  **4** | | Develop & submit the developed code bytes tin git. | To be Completed |