

Project Planning Phase

Milestone and Activity List

Date	06 NOVEMBER 2022
Team ID	PNT2022TMID42277
Project Name	Gas Leakage Monitoring and Alerting System



Milestone and Activity List:

Title	Description	Date
Pre-requisites	Create IBM Cloud Services and developing Web application using Node-Red	28 AUGUST 2022
Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements.	15 SEPTEMBER 2022
Brainstorming ideas	List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	17 SEPTEMBER 2022
Literature Survey & Information Gathering	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	18 SEPTEMBER 2022
Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	19 SEPTEMBER 2022
Problem Solution Fit	Prepare problem - solution Fit and submit for review.	26 SEPTEMBER 2022
Solution Architecture	Prepare solution Architecture and submit for review.	09 OCTOBER 2022
Customer Journey	Prepare the customer journeymaps to understand the user interactions & experiences with the application	11 OCTOBER 2022

Data Flow Diagrams	Draw the data flow Diagrams and submit for review.	16 OCTOBER 2022
Solution Requirements	Functional and Non-Functional requirements for the user	16 OCTOBER 2022
Technology Architecture	Create an Architecture diagram.	30 OCTOBER 2022
Sprint Delivery	Prepare the Sprint delivery on Number of Sprint planning meetings organized.	06 OCTOBER 2022
Milestone & Activity List	Prepare the milestones & Activitylist of the project.	06 NOVEMBER 2022
Project Development Delivery of Sprint- 1,2,3,4	Develop and submit the developed code after testing for no error	IN PROGRESS...
Final Deliveries	Develop the Code, Test and push it to GitHub and submit the project report	IN PROGRESS...