

Project Planning Phase
Milestone and Activity list

Date	22 October 2022
Team ID	PNT2022TMID04334
Project Name	Gas leakage monitoring and alerting system for industries

TITLE	DESCRIPTION	DUE DATE
Literature survey & Information gathering	Literature survey on the selected topic and collect information by referring to the related papers and research projects, journals etc.	3 September 2022
Prepare Empathy Map	Prepare empathy map canvas to understand about the user problems, pains and gains. From the empathised details, prepare the problem statements to be solved.	10 September 2022
Ideation	Conduct a brainstorming session with the teammates and discuss ideas to solve the problem. Prioritize the top 3 ideas based on feasibility.	17 September 2022
Proposed Solution	Prepare the proposed solution which includes the novelty, feasibility, revenue, social impact, scalability etc.	24 September 2022
Problem Solution Fit	Prepare the problem solution fit which includes the causes, problems and solutions of the problem.	1 October 2022
Solution Architecture	Prepare solution architecture that indicates the data flow from the user, model and the website.	1 October 2022
Customer Journey	Prepare the customer journey map to understand the user needs and experience with the application.	8 October 2022

Functional Requirement	Prepare the functional requirement which includes all the features that will be available in the application.	15 October 2022
Technology Architecture	Prepare the technology architecture that defines about the technologies and the IBM cloud features used in the application.	15 October 2022
Data Flow Diagrams	Draw the data flow diagram to indicate the data flow from the user, during the model building and while predicting the result,	15 October 2022
Prepare Milestone & Activity List	Split the entire project into simpler tasks and prepare milestones and activity list of the project.	22 October 2022
Sprint Delivery Plan	Prepare a delivery plan of the project with specific due dates to complete each sprint consisting of a set of functional requirements.	22 October 2022
Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop, test and submit the code.	19 November 2022