

## Project Planning Phase

### Milestone and Activity list

Date	22 October 2022
Team ID	PNT2022TMID40473
Project Name	Gas Leakage Monitoring & Alerting System for Industries

Phase	Description	Date
Preparation Phase	In this phase, is about Accessing the dashboard and the guided workspace, Creating GitHub account & collaborate with project repository.	22August-27August
Ideation Phase	<b>Literature survey</b> - Collected the relevant information related to our project from some existing solutions and from research paper.	1 September 2022
	<b>Empathy Map</b> -We created an empathy map based on our project using Mural.	7 September 2022
	<b>Problem Statement</b> -Defined the problem statement of the project.	10 September 2022
	<b>Brainstorming &amp; Ideation</b> -Listed the team ideas and shortlisted top 3 ideas to be implemented using the given Template.	15 September 2022
Project Design Phase 1	<b>Proposed Solution</b> -Prepared the Solution document based on the given template.	19 <sup>th</sup> September 2022 -1 <sup>st</sup> October 2022
	<b>Problem solution Fit</b> -Prepared a Solution that is fit to all the problem cases in the given template.	
	<b>Solution Architecture</b> -Created architecture diagram for the solution.	
Project Design Phase 2	<b>Requirement Analysis</b> -Prepared the Functional & Non-functional requirements of the solution.	3 <sup>rd</sup> October 2022-15 <sup>th</sup> October 2022
	<b>Customer Journey</b> -Created a customer journey map which describes the experience of the User.	
	<b>Data flow Diagram</b> -Draw the data flow diagram.	
	<b>Technology Architecture</b> -Created the technology Architecture of the solution.	
Project Planning Phase	Prepare Milestone & Activity.	23 <sup>rd</sup> October 2022
	Prepare project planning (Sprint delivery planning).	
Project Development Phase	Delivery of Sprint 1, Sprint 2, Sprint 3, Sprint 4.	Process On going (24 <sup>th</sup> October – 19 <sup>th</sup> November)