

## Project Planning Phase

### Milestone and Activity List

Date	19 November 2022
Team ID	PNT2022TMID33916
Project Name	Real time river water quality monitoring and control system

TITLE	DISCRIPTION	DATE
Literature Survey& Information Gathering	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	05 SEPTEMBER 2022
Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements	10 SEPTEMBER 2022
Problem Statement	Prepare Problem statement of Industry-specific intelligent fire management system	15 SEPTEMBER 2022
Ideation	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	19 SEPTEMBER 2022

<b>Proposed Solution</b>	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	24 SEPTEMBER 2022
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<b>Problem Solution Fit</b>	Prepare problem - solution fit document.	28 SEPTEMBER 2022
<b>Solution Architecture</b>	Prepare solution architecture document.	2 OCTOBER 2022
<b>Customer Journey</b>	Prepare the customer journey maps to understand the user interactions and experiences with the application (entry to exit).	9 OCTOBER 2022
<b>Functional Requirement</b>	Prepare the functional requirement document.	12 OCTOBER 2022
<b>Data Flow Diagrams</b>	Draw the data flow diagrams and submit for review.	16 OCTOBER 2022
<b>Technology Architecture</b>	Prepare the technology architecture diagram.	18 OCTOBER 2022
<b>Prepare Milestone &amp;Activity List</b>	Prepare the milestones & activity list of the project.	26 OCTOBER 2022
<b>Sprint Schedules</b>	Prepare the sprint plan and divided tasks according to agile method.	26 OCTOBER 2022
<b>Project Development-Delivery Sprint - 1</b>	Develop & submit the developed code by testing it.	30 OCTOBER 2022 IN PROGRESS.
<b>Sprint - 2</b>	Develop & submit the developed code by testing it.	07 NOVEMBER 2022 IN PROGRESS.

<b>Sprint - 3</b>	Develop & submit the developed code by testing it.	14 NOVEMBER 2022 IN PROGRESS.
<b>Sprint - 4</b>	Develop & submit the developed code by testing it.	19 NOVEMBER 2022 IN PROGRESS.