

## Project Planning Phase

### Milestone and Activity List

Date	17 November 22
Team ID	PNT2022TMID50061
Project Name	Real time river water quality monitoring and control system

### Milestone and Activity List:

TITLE	DESCRIPTION	DATE
Literature Survey	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	15 OCTOBER 2022
Prepare Empathy Map	Prepare Empathy Map Canvasto capture the user Pains & Gains, Prepare list problem statements	10 SEPTEMBER2022

Ideation	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	17 SEPTEMBER 2022
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<b>Proposed Solution</b>	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	23 SEPTEMBER 2022
<b>Problem Solution Fit</b>	Prepare problem - solutionfit document.	1 OCTOBER 2022
<b>Solution Architecture</b>	Prepare a solution architecture document.	8 OCTOBER 2022

<b>Customer Journey</b>	Prepare the customer journey maps to understandthe user interactions & experiences with the application.	17 OCTOBER 2022
<b>Data Flow Diagrams</b>	Draw the data flow diagramsand submit for review.	15 OCTOBER 2022
<b>Technology Architecture</b>	Architecture diagram.	15 OCTOBER 2022

<b>Functional Requirements</b>	To prepare the functional requirement document.	15 OCTOBER 2022
<b>Prepare Milestone &amp; Activity List</b>	Prepare the milestone & activity list of the project	29 OCTOBER 2022
<b>Project Development Delivery of Sprint-1, 2, 3 &amp; 4</b>	Develop & submit the developed code by testing it.	IN PROGRESS