

## Project Planning Phase

### Milestone and Activity List

Date	01 November 2022
Team ID	PNT2022TMID17403
Project Name	Real time river water quality monitoring and control system

TITLE	DISCRIPTION	DATE
<b>Literature Survey&amp; Information Gathering</b>	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	03 SEPTEMBER 2022
<b>Prepare Empathy Map</b>	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements	07 SEPTEMBER 2022
<b>Problem Statement</b>	Prepare Problem statement of Industry-specific intelligent fire management system	10 SEPTEMBER 2022
<b>Ideation</b>	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	16 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.	23 SEPTEMBER 2022

<b>Problem Solution Fit</b>	Prepare problem - solution fit document.	26 SEPTEMBER 2022
<b>Solution Architecture</b>	Prepare solution architecture document.	30 SEPTEMBER 2022
<b>Customer Journey</b>	Prepare the customer journey maps to understand the user interactions and experiences with the application (entry to exit).	8 OCTOBER 2022
<b>Functional Requirement</b>	Prepare the functional requirement document.	11 OCTOBER 2022
<b>Data Flow Diagrams</b>	Draw the data flow diagrams and submit for review.	14 OCTOBER 2022
<b>Technology Architecture</b>	Prepare the technology architecture diagram.	16 OCTOBER 2022
<b>Prepare Milestone &amp; Activity List</b>	Prepare the milestones & activity list of the project.	24 OCTOBER 2022
<b>Sprint Schedules</b>	Prepare the sprint plan and divided tasks according to agile method.	24 OCTOBER 2022
<b>Project Development-Delivery Sprint - 1</b>	Develop & submit the developed code by testing it.	29 OCTOBER 2022 IN PROGRESS.
<b>Sprint - 2</b>	Develop & submit the developed code by testing it.	05 NOVEMBER 2022 IN PROGRESS.
<b>Sprint - 3</b>	Develop & submit the developed code by testing it.	12 NOVEMBER 2022 IN PROGRESS.
<b>Sprint - 4</b>	Develop & submit the developed code by testing it.	19 NOVEMBER 2022 IN PROGRESS.

