

## PROJECT PLANNING PHASE

### MILESTONE AND ACTIVITY LIST

<b>Date</b>	29 October 2022
<b>Team ID</b>	PNT2022TMID47383
<b>Project Name</b>	Real-Time River Water Quality Monitoring and Control System

<b>Title</b>	<b>Description</b>	<b>Date</b>
<b>Literature Survey &amp; Information Gathering</b>	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc..	27 OCTOBER 2022
<b>Prepare Empathy map</b>	Prepare Empathy map Canvas to capture the user's pains & Gains, Prepare list of problem and statements.	10 SEPTEMBER 2022
<b>Ideation</b>	List the by organizing brainstorm session & prioritize the top 3 ideas based on the feasibility & importance.	10 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
<b>Proposed Solution Fit</b>	Prepare problem – solution fit document.	27 OCTOBER 2022
<b>Solution Architecture</b>	Prepare solution architecture document.	27 OCTOBER 2022

<b>Customer Journey</b>	Prepare the Customer journey maps to understand the user interactions & experiences with the application (entry to exit).	28 OCTOBER 2022
<b>Functional Requirement</b>	Prepare the functional requirement document.	27 OCTOBER 2022
<b>Data Flow Diagram</b>	Draw the data flow diagram and submit for review.	27 OCTOBER 2022
<b>Technology Architecture</b>	Prepare the technology architecture diagram.	27 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 development code by testing it.	IN PROGRESS