

**Project Planning Phase  
Milestone and Activity List**

Date	21 October 2022
Team ID	PNT2022TMID42440
Project Name	Real time river water quality controlling and monitoring system

<b>TITLE</b>	<b>DESCRIPTION</b>	<b>DATE</b>
<b>Literature Survey &amp; Information Gathering</b>	Literature survey on the selected project is done by gathering information about related details on technical papers and web browsing	28 SEPTEMBER 2022
<b>Empathy Map</b>	Prepare Empathy Map Canvas to combine thoughts and pains, gains of the project with all team members	24 SEPTEMBER 2022
<b>Ideation</b>	Brainstorming session is conducted with all team members to list out all the ideas and prioritise the top 3 ideas	25 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.	30 SEPTEMBER 2022

<b>Solution Architecture</b>	Prepare solution architecture document with basic design ideas	28 SEPTEMBER 2022
<b>Customer Journey</b>	Prepare the customer journey maps to understand the user interactions & experiences with the application	20 OCTOBER 2022
<b>Functional Requirement</b>	functional requirement is prepared with listing both functional and non -functional needs	8 OCTOBER 2022
<b>Data Flow Diagrams</b>	Draw the data flow diagrams and submit user stories	9 OCTOBER 2022
<b>Technology Architecture</b>	Prepare architecture with components & technologies, application characteristics	10 OCTOBER 2022
<b>Prepare Milestone &amp; Activity List</b>	Prepare the milestones & activity list of the project.	22 OCTOBER 2022
<b>Project Development - Delivery of Sprint-1, 2, 3 &amp; 4</b>	Develop & submit the developed code by testing it.	IN PROGRESS..