

**Project Planning Phase  
Milestone and Activity List**

Date	05 November 2022
Team ID	PNT2022TMID20975
Project Name	Real-Time River Water Quality Controlling And Monitoring System

TITLE	DESCRIPTION	DATE
<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.	06 OCTOBER 2022
<b>Empathy Map</b>	Prepared Empathy Map Canvas to combine thoughts and pains, gains of the project with all team members .	08 OCTOBER 2022
<b>Ideation</b>	Brainstorming session is conducted with all team members to list out all the ideas and prioritise the top 3 ideas.	09 OCTOBER 2022
<b>Proposed Solution</b>	Prepared the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	28 OCTOBER 2022
<b>Problem Solution Fit</b>	Prepared problem - solution fit document.	30 OCTOBER 2022

<b>Solution Architecture</b>	Prepared solution architecture document with basic design ideas.	31 OCTOBER 2022
<b>Customer Journey</b>	Prepared the customer journey maps to understand the user interactions & experiences with the application.	05 NOVEMBER 2022
<b>Functional Requirement</b>	Functional requirement is prepared with listing both functional and non -functional needs .	06 NOVEMBER 2022
<b>Data Flow Diagrams</b>	Draw the data flow diagrams and submitted user stories.	08 NOVEMBER 2022
<b>Technology Architecture</b>	Prepared architecture with components & technologies, Application characteristics.	09 NOVEMBER 2022
<b>Prepare Milestone &amp; Activity List</b>	Prepared the milestones & activity list of the project.	11 NOVEMBER 2022
<b>Project Development - Delivery of Sprint-1, 2, 3 &amp; 4</b>	Develop & submit the developed code by testing it.	IN PROGRESS..