Project Planning Phase
Milestone and Activity List

Date	10 November 2022
Team ID	PNT2022TMID02419
Project Name	Real-Time River Water Quality Monitoring and Control System

TITLE	DESCRIPTION	DATE
Literature Survey & Information Gathering	Literature survey on the selected project is done by gathering information about related details on technical papers and web browsing.	22 SEPTEMBER 2022
Empathy Map	Prepared Empathy Map Canvas to combine thoughts and pains, gains of the project with all team members.	22 SEPTEMBER 2022
Ideation	Brainstorming session is conducted with all team members to list out all the ideas and prioritize the top 3 ideas.	22 SEPTEMBER 2022
Proposed Solution	Prepared the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	27 SEPTEMBER 2022
Problem Solution Fit	Prepared problem - solution fit document.	06 OCTOBER 2022

Solution Architecture	Prepared solution architecture document with basic design ideas.	09 OCTOBER 2022
Customer Journey	Prepared the customer journey maps to understand the user interactions & experiences with the application.	22 OCTOBER 2022
Functional Requirement	Functional requirement is prepared with listing both functional and non -functional needs.	22 OCTOBER 2022
Data Flow Diagrams	Draw the data flow diagrams and submitted user stories.	27 OCTOBER 2022
Technology Architecture	Prepared architecture with components & technologies, Application characteristics.	30 OCTOBER 2022
Prepare Milestone & Activity List	Prepared the milestones & activity list of the project.	10 NOVEMBER 2022
Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop & submit the developed code by testing it.	IN PROGRESS.

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