

**Project Planning Phase
Milestone and Activity List**

Date	07 November 2022
Team ID	PNT2022TMID04601
Project Name	Real time river water quality controlling and monitoring 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	28 SEPTEMBER 2022
Empathy Map	Prepare Empathy Map Canvas to combine thoughts and pains, gains of the project with all team members	24 SEPTEMBER 2022
Ideation	Brainstorming session is conducted with all team members to list out all the ideas and prioritise the top 3 ideas	25 SEPTEMBER 2022
Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	23 SEPTEMBER 2022
Problem Solution Fit	Prepare problem - solution fit document.	30 SEPTEMBER 2022

Solution Architecture	Prepare solution architecture document with basic design ideas	28 SEPTEMBER 2022
Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application	20 OCTOBER 2022
Functional Requirement	functional requirement is prepared with listing both functional and non -functional needs	8 OCTOBER 2022
Data Flow Diagrams	Draw the data flow diagrams and submit user stories	9 OCTOBER 2022
Technology Architecture	Prepare architecture with components & technologies, application characteristics	10 OCTOBER 2022
Prepare Milestone & Activity List	Prepare the milestones & activity list of the project.	07 NOVEMBER 2022
Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop & submit the developed code by testing it.	IN PROGRESS..