

**Project Planning Phase
Milestone and Activity List**

Date	5 th November 2022
Team ID	PNT2022TMID10102
Project Name	Real-Time River Water Quality Monitoring and Control System

TITLE	DESCRIPTION	DATE
IDEATION PHASE		
Literature Survey & Information Gathering	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	19 SEPTEMBER 2022
Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements.	26 SEPTEMBER 2022
Problem Statement	List of problem in the project.	26 SEPTEMBER 2022
Brainstorm And Idea Prioritization	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	26 SEPTEMBER 2022
Project Design Phase - I		
Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	5th November 2022

Problem Solution Fit	Prepare problem - solution fit document.	5th November 2022
Solution Architecture	Prepare solution architecture document.	5th November 2022

TITLE	DESCRIPTION	DATE
Project Design Phase - II		
Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	5th November 2022
Functional Requirement	Prepare the functional requirement document.	5th November 2022
Data Flow Diagrams	Draw the data flow diagrams and submit for review.	5th November 2022
Technology Architecture	Prepare the technology architecture diagram.	5th November 2022
Project Planning Phase		
Prepare Project Planning & Sprint Delivery Plan	Prepare the Product Backlog, Sprint Planning, Stories, and Story points.	IN PROGRESS
Prepare Milestone & Activity List	Prepare the milestones & activity list of the project.	5th November 2022
Project Development Phase		
Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop & submit the developed code by testing it.	IN PROGRESS

