

Project Planning Phase
Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID38365
Project Name	Project - Real-Time River Water Quality Monitoring and Control System

Milestone and Activity list for- Real-Time River Water Quality Monitoring and Control System

<u>S.NO</u>	<u>TITLE</u>	<u>DESCRIPTION</u>	<u>DATE</u>
1.	Literature Survey & Information Gathering	Literature survey on the selected project & gathering information by referring to technical papers, research publications etc.	28 SEPTEMBER 2022
2.	Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements	24 SEPTEMBER 2022
3.	Ideation	List them by organizing the brainstorming session and prioritize the top 3 ideas based on feasibility & importance.	25 SEPTEMBER 2022
4.	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

5.	Problem Solution Fit	Prepare problem - solution fit document.	30 SEPTEMBER 2022
6.	Solution Architecture	Prepare a solution architecture document.	28 SEPTEMBER 2022
7.	Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	16 OCTOBER 2022
8.	Functional Requirement	Prepare the functional requirement document.	16 OCTOBER 2022
9.	Data Flow Diagrams	Draw the data flow diagrams and submit for review.	15 OCTOBER 2022
10.	Technology Architecture	Prepare the technology architecture diagram.	14 OCTOBER 2022
11.	Prepare Milestone & Activity List	Prepare the milestones & activity list of the project.	22 OCTOBER 2022
12.	Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop & submit the developed code by testing it.	IN PROGRESS...