

**Project Planning Phase  
Milestone and Activity List**

Date	19 October 2022
Team ID	PNT2022TMID14819
Project Name	Project – Real time river water quality monitoring and control system

TITLE	DESCRIPTION	DATE
<b>Literature Survey &amp; Information Gathering</b>	Gather/collect the relevant information on project use case, refer the existing solutions, technical papers, research publications etc.	17 SEPTEMBER 2022
<b>Prepare Empathy Map</b>	Prepare the empathy map canvas to capture the users view, Prepare list of problem statements	17 SEPTEMBER 2022
<b>Ideation</b>	List them by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	17 SEPTEMBER 2022
<b>Proposed Solution</b>	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	19 SEPTEMBER 2022

<b>Problem Solution Fit</b>	Prepare problem - solution fit document.	19 SEPTEMBER 2022
<b>Solution Architecture</b>	Prepare solution architecture document.	10 OCTOBER 2022
<b>Customer Journey</b>	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	19 OCTOBER 2022

<b>Functional Requirement</b>	Prepare the functional requirement document.	03 OCTOBER 2022
<b>Data Flow Diagrams</b>	Prepare the data flow diagrams and submit for review.	03 OCTOBER 2022
<b>Technology Architecture</b>	Draw the technology architecture diagram.	03 OCTOBER 2022
<b>Prepare Milestone &amp; Activity List</b>	Prepare the milestones & activity list of the project.	19 OCTOBER 2022
<b>Project Development - Delivery Of Sprint-1, 2, 3 &amp; 4</b>	Develop & submit the developed code by testing it.	19 OCTOBER 2022