

**Project Planning Phase**  
**Milestone and Activity List**

Date	22 September 2022
Team ID	PNT2022TMID23264
Project Name	Efficient Water Quality Analysis & Prediction using Machine Learning

TITLE	DESCRIPTION	DATE
Literature Survey & Information Gathering	Collect the relevant information on project use case, refer the existing solutions, technical papers, research publications etc.	3 SEPTEMBER 2022
Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements	10 SEPTEMBER 2022
Ideation	List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	17 SEPTEMBER 2022
Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	24 SEPTEMBER 2022
Problem Solution Fit	Prepare problem - solution fit document.	1 OCTOBER 2022
Solution Architecture	Prepare solution architecture document.	1 OCTOBER 2022

<b>Customer Journey</b>	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	8 OCTOBER 2022
<b>Functional Requirement</b>	Prepare the functional requirement document.	15 OCTOBER 2022
<b>Data Flow Diagrams</b>	Draw the data flow diagrams and submit for review.	15 OCTOBER 2022
<b>Technology Architecture</b>	Prepare the technology architecture diagram.	15 OCTOBER 2022
<b>Prepare Milestone &amp;Activity List</b>	Prepare the milestones and activity list of the project.	22 OCTOBER 2022
<b>Project Development - Delivery of Sprint-1, 2, 3 &amp; 4</b>	Develop the code and push it to GitHub	In Progress