

**Project Planning Phase  
Milestone and Activity List**

Date	31 October 2022
Team ID	PNT2022TMID41822
Project Name	Efficient Water Quality Analysis and Prediction Using Machine Learning

TITLE	DESCRIPTION	DATE
Literature Survey & Information Gathering	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	25 Sept 2022
Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements	20 Sept 2022
Ideation Brain Storming	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	22 Sept 2022
Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	23 Sept 2022
Problem Solution Fit	Prepare problem solution fit document	28Sept 2022
Solution Architecture	Prepare solution architecture document.	5 October 2022
Customer Journey	Prepare the customer journey maps to	7 October 2022

	understand the user interactions & experiences with the application (entry to exit).	
Solution Requirement	Prepare the functional requirement document	17October 2022
Data Flow Diagrams	Draw the data flow diagrams and submit for review.	20 October 2022
Technology Architecture	Prepare the technology architecture diagram.	22 October 2022
Prepare Milestone & Activity List	Prepare the milestones & activity list of the project.	29October 2022
Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop & submit the developed code by testing it.	IN PROGRESS..