

**Project Planning Phase
Milestone and Activity List**

Date	05 November 2022
Team ID	PNT2022TMID14644
Project Name	Efficient Water Quality Analysis & Prediction using Machine Learning
Maximum Marks	4 Marks

Literature Survey & Information Gathering	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	3 Sept 2022
Prepare Empathy Map	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statement	10 Sept 2022
Ideation Brain Storming	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	17 Sept 2022
Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	20 Sept 2022
Problem Solution Fit	Prepare problem solution fit document	24 sept 2022
Solution Architecture	Prepare solution architecture document.	01 Oct 2022
Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	05 Oct 2022
Solution Requirement	Prepare the functional requirement document	10 Oct 2022
Technology Architecture	Prepare the technology architecture diagram	15 Oct 2022

Prepare Milestone & Activity List	Prepare the milestones & activity list of the project.	19 Oct 2022
Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop & submit the developed code by testing it.	24 Oct – 19 Nov 2022