

## Project Planning Phase MILESTONE & ACTIVITY LIST

Date	17-10-2022
Team ID	PNT2022TMID24241
Project Name	Project - IOT Based Real-Time River Water Quality Monitoring and Control System
Maximum Marks	8 Marks

Title	Description	Date
<b>Literature Survey on The Selected Project and Information Gathering</b>	A Literature Survey is a compilation summary of research done previously in the given topic. Literature survey can be taken from books, research paper online or from any source	17 September 2022
<b>Prepare Empathy Map</b>	Empathy Map is a visualization tool which can be used to get a better insight of the customer.	18 September 2022

<b>Ideation-Brainstorming</b>	Brainstorming is a group problem solving session where ideas are shared, discussed and organized among the team members	19 September 2022
<b>Define Problem Statement</b>	A Problem Statement is a concise description of the problem or issues a project seeks to address. The problem statement identifies the current state, the desired future state and any gaps between the two	20 September 2022
<b>Problem Solution Fit</b>	This helps us to understand the thoughts of the customer their likes, behaviour, emotions etc.	26 September 2022
<b>Proposed Solution</b>	Proposed solution shows the current solution and it helps is going towards the desired result until it is achieved.	26 September 2022

<b>Solution Architecture</b>	Solution Architecture is a very complex process i.e., it has a lot of sub-processes and branches. It helps in understanding the components and features to complete our project.	26 September 2022
<b>Customer Journey</b>	It helps us to analyse from the perspective of a customer, who uses our project.	08 October 2022
<b>Functional Requirement</b>	Here functional and nonfunctional requirements are briefed. It has specific features like usability, security, reliability, performance, availability and scalability.	08 October 2022
<b>Data Flow Diagrams</b>	Data Flow Diagram is a graphical or visual representation using a standardised set of symbols and notations to describe business operations through data movement.	14 October 2022
<b>Technology Architecture</b>	Technology Architecture is a better defined version of solution architecture. It helps us analyse and understand various technologies that need to be implemented in the project.	14 October 2022

**Prepare Milestone & Activity  
List**

It helps us to understand and evaluate  
own progress and accuracy so far.

22 October 2022 our

**Sprint Delivery Plan**

Sprint planning is an event in scrum that  
kicks off the sprint.

The purpose of sprint planning is

to define what can be delivered in the sprint and how  
that work will be achieved.

In Progress