



## PROJECT PLANNING PHASE MILESTONE & ACTIVITY LIST

<b>Date</b>	<b>26 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID49669</b>
<b>Project Name</b>	<b>Real Time River Water Quality Monitoring And Control System</b>

<b>TITLE</b>	<b>DESCRIPTION</b>	<b>DATE</b>
<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	18 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.	19 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, behavior, 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 analyze 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 analyze and understand various technologies that need to be implemented in the project.	14 October 2022
<b>Prepare Milestone &amp; Activity List</b>	It helps us to understand and evaluate our own progress and accuracy so far.	22 October 2022
<b>Sprint Delivery Plan</b>	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

