

## Project Planning Phase

(Product Backlog, Sprint Planning, Stories, Story points)

<b>Date</b>	<b>22 October 2022</b>
<b>Team ID</b>	PNT2022TMID43287
<b>Project Name</b>	Real-Time River Water Quality Monitoring and Control System

<b>Title</b>	<b>Description</b>	<b>Date</b>
Literature Survey and Information Gathering	Gathering information by referring the technical papers, research publications etc.	3 September 2022
Prepare Empathy Map	To capture user's pain and gains and Prepare a list of Problem Statement	10 September 2022
Ideation	Prioritize a top 3 ideas based on feasibility and importance	17 September 2022
Proposed Solution	Solution include novelty, feasibility, business model, social impact and scalability of solution	24 September 2022
Problem Solution Fit	Prepare Solution fit document	1 October 2022
Solution Architecture	Prepare Solution Architecture document	1 October 2022
Customer Journey	To understand user's interactions and experiences with application	8 October 2022
Functional Requirement	Prepare functional Requirement	12 October 2022
Data flow Diagrams	Prepare Data flow diagram	12 October 2022
Technology Architecture	Prepare Technology Architecture diagram	12 October 2022
Milestone & sprint delivery plan	Lists the activities what we done & further plans	22 October 2022
Project Development- Delivery of sprint 1,2,3 &4	Develop and submit the developed code by testing it	24 October 2022 – 19 November 2022