

**Project Planning Phase
Milestone and Activity List**

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| Date | 27 October 2022 |
| Team ID | PNT2022TMID46078 |
| 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. | 2 Sept 2022 |
| Prepare Empathy Map | Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements | 10 Sept 2022 |
| Ideation Brain Storming | List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance. | 15 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 | 28 Sept 2022 |
| Solution Architecture | Prepare solution architecture document. | 5 October 2022 |
| Customer Journey | Prepare the customer journey maps to | 7 October 2022 |

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| | understand the user interactions & experiences with the application (entry to exit). | |
| Solution Requirement | Prepare the functional requirement document | 8 October 2022 |
| Data Flow Diagrams | Draw the data flow diagrams and submit for review. | 10 October 2022 |
| Technology Architecture | Prepare the technology architecture diagram. | 15 October 2022 |
| Prepare Milestone & Activity List | Prepare the milestones & activity list of the project. | 26 October 2022 |
| Project Development - Delivery of Sprint-1, 2, 3 & 4 | Develop & submit the developed code by testing it. | IN PROGRESS.. |