PROJECT PLANNING PHASE

MILESTONE AND ACTIVITYLIST

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| Date | 09 Nov 2022 |
| Team Id | PNT2022TMID17030 |
| Project Name | Real-time River Water Quality Monitoring and Control System |

Milestone and activity list for - **Real-time River Water Quality Monitoring and Control System**

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| SNO | TITLE | DESCRIPTION | DATE |
| 1 | Literature Survey & Information Gathering | Literature survey on the selected project & gathering information by referring to technical papers, research publications etc. | 13/09/2022 |
| 2 | Prepare Empath Map | Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements | 22/09/2022 |
| 3 | Ideation | List them by organizing the brainstorming session and prioritize the top 3 ideas based on feasibility & importance. | 6/10/2022 |
| 4 | Proposed Solution | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc. | 9/10/2022 |
| 5 | Problem Solution Fit | Prepare problem - solution fit document | 13/10/2022 |

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| 6 | Solution Architecture | Prepare a solution architecture document. | 18/10/2022 |
| 7 | Customer Journey | Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit). | 20/10/2022 |
| 8 | Functional Requirement | Prepare the functional requirement document | 23/10/2022 |
| 9 | Data Flow Diagrams | Draw the data flow diagrams and submit for review. | 19/10/2022 |
| 10 | Technology Architecture | Prepare the technology architecture diagram. | 23/10/2022 |
| 11 | Prepare Milestone &Activity List | Prepare the milestones & activity list of the project. | 4/11/2022 |
| 12 | Project Development  -Delivery of Sprint-1,2,3&4 | Develop &submit the developed code by testing it. | In -progress |