PROJECT PLANNING PHASE MILESTONE AND ACTIVITY LIST

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| **Date** | 10 NOVEMBER 2022 |
| **Team ID** | PNT2022TMID19722 |
| **Project Name** | Real-Time River Water Quality Monitoring and Control System |

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| **Title** | **Description** | **Date** |
| **Literature Survey & Information Gathering** | Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.. | 27 OCTOBER 2022 |
| **Prepare Empathy map** | Prepare Empathy map Canvas to capture the user’s pains & Gains, Prepare list of problem and statements. | 10 SEPTEMBER 2022 |
| **Ideation** | List the by organizing brainstorm session & prioritize the top 3 ideas based on the feasibility & importance. | 10 SEPTEMBER 2022 |
| **Proposed Solution** | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.. | 24 SEPTEMBER 2022 |
| **Proposed Solution Fit** | Prepare problem – solution fit document. | 27 OCTOBER 2022 |
| **Solution Architecture** | Prepare solution architecture document. | 27 OCTOBER 2022 |

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| **Customer Journey** | Prepare the Customer journey maps to understand the user interactions & experiences with the application (entry to exit). | 28 OCTOBER 2022 |
| **Functional Requirement** | Prepare the functional requirement document. | 27 OCTOBER 2022 |
| **Data Flow Diagram** | Draw the data flow diagram and submit for review. | 27 OCTOBER 2022 |
| **Technology Architecture** | Prepare the technology architecture diagram. | 27 OCTOBER 2022 |
| **Prepare Milestone & Activity List** | Prepare the milestone & activity list of the project. | 29 OCTOBER 2022 |
| **Project Development Delivery of Sprint-1, 2, 3 & 4.** | Develop & submit the development code by testing it. | IN PROGESS |