Project Planning Phase Milestone and Activity List

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| **Date** | 14 NOVEMBER 2022 |
| **Team ID** | PNT2022TMID27921 |
| **Project Name** | Real Time River Water Quality Monitoring and Control System |

Milestone and Activity List:

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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. | 12 SEPTEMBER 2022 |
| Prepare Empathy Map | Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements. | 12 SEPTEMBER 2022 |
| Brainstorming ideas | List the ideas by organizing the brainstorming session and prioritize  the top 3 ideas based on the feasibility & importance. | 14 OCTOBER 2022 |
| Proposed Solution | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of  solution, etc. | 22 OCTOBER 2022 |
| Problem Solution Fit | Prepare problem - solution Fit document. | 19 OCTOBER 2022 |
| Solution Architecture | Prepare solution Architecture document. | 23 OCTOBER 2022 |
| Customer Journey | Prepare the customer journey maps to understand the user interactions & experiences with the application | 14 NOVEMBER 2022 |
| Data Flow Diagrams | Draw the data flow Diagrams and submit for review. | 01 NOVEMBER 2022 |
| Technology Architecture | Architecture diagram. | 02 NOVEMBER 2022 |

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| Functional requirement | List the functional and non -functional requirements | 02 NOVEMBER 2022 |
| Sprint Delivery | Prepare the Sprint delivery on Number of Sprint planning meetings  organized, Minutes of meeting recorded. | 14 NOVEMBER 2022 |
| Milestone & Activity List | Prepare the milestones & Activity list of the project. | 14 NOVEMBER 2022 |
| Project Development Delivery of Sprint- 1,2,3&4 | Develop & submit the developed code by testing it. | IN PROGRESS… |