Project Planning Phase Milestone and Activity List

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| Date | 06 November 2022 |
| Team ID | PNT2022TMID53935 |
| Project Name | Real-Time River Water Quality Controlling And Monitoring System |

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| **TITLE** | **DESCRIPTION** | **DATE** |
| **Literature Survey & Information Gathering** | Literature survey on the selected project is done by gathering information about related details on technical papers and web browsing. | 06 OCTOBER 2022 |
| **Empathy Map** | Prepared Empathy Map Canvas to combine thoughts and pains, gains of the project with all team members . | 08 OCTOBER 2022 |
| **Ideationss** | Brainstorming session is conducted with all team members to list out all the ideas and prioritise the top 3 ideas. | 09 OCTOBER 2022 |
| **Proposed Solution** | Prepared the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc. | 28 OCTOBER 2022 |
| **Problem Solution Fit** | Prepared problem - solution fit document. | 30 OCTOBER 2022 |

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| **Solution Architecture** | Prepared solution architecture document with basic design  ideas. | 31 OCTOBER 2022 |
| **Customer Journey** | Prepared the customer journey maps to understand the user interactions & experiences with the application. | 05 NOVEMBER 2022 |
| **Functional Requirement** | Functional requirement is prepared with listing both functional and non -functional  needs . | 06 NOVEMBER 2022 |
| **Data Flow Diagrams** | Draw the data flow diagrams and submitted user stories. | 08 NOVEMBER 2022 |
| **Technology Architecture** | Prepared architecture with components & technologies,  Application characteristics. | 09 NOVEMBER 2022 |
| **Prepare Milestone & Activity List** | Prepared the milestones & activity list of the project. | 11 NOVEMBER 2022 |
| **Project Development - Delivery of Sprint-1, 2, 3 & 4** | Develop & submit the developed code by testing it. | IN PROGRESS.. |

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