PROJECT PLANNING PHASE

MILESTONE AND ACTIVITY LIST

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| Date | 07 November 2022 |
| Team ID | PNT2022TMID08477 |
| 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 | 20 SEPTEMBER 2022 |
| Empathy Map | Prepare Empathy Map Canvas to combine thoughts and pains, gains of the project with all team members | 22 SEPTEMBER 2022 |
| Ideation | Brainstorming session is conducted with all team members to list out all the ideas and prioritise the top 3 ideas | 22 SEPTEMBER 2022 |
| Proposed Solution | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc. | 06 OCTOBER 2022 |
| Problem Solution Fit | Prepare problem - solution fit document. | 06 OCTOBER 2022 |
| Solution Architecture | Prepare solution architecture document with basic design ideas | 06 NOVEMBER 2022 |
| Customer Journey | Prepare the customer journey maps to understand the user interactions & experiences with the application | 7th OCTOBER |
| Functional Requirement | functional requirement is prepared with listing both functional and non -functional needs | 19 OCTOBER 2022 |
| Data Flow Diagrams | Draw the data flow diagrams and submit user stories | 16 OCTOBER 2022 |
| Technology Architecture | Prepare architecture with components& technologies,  application characteristics | 05 NOVEMBER 2022 |
| Prepare Milestone & Activity  List | Prepare the milestones & activity list of the project. | 09 NOVEMBER 2022 |
| Project Development -  Delivery of Sprint-1, 2, 3 & 4 | Develop & submit the developed code by testing it. | IN PROGRESS. |