Project Planning Phase

Milestone and Activity List

|  |  |
| --- | --- |
| Date | 15 November 2022 |
| Team ID | PNT2022TMID03537 |
| Project Name | Real time river water quality monitoring and control system |

|  |  |  |
| --- | --- | --- |
| **TITLE** | **DISCRIPTION** | **DATE** |
| **Literature Survey& Information Gathering** | Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc. | 19 October 2022 |
| **Prepare Empathy Map** | Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements | 19 October 2022 |
| **Problem Statement** | Prepare Problem statement of Industry-specific intelligent fire management system | 19 October 2022 |
| **Ideation** | List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance. | 19 October 2022 |
| **Proposed Solution** | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc. | 19 October 2022 |

|  |  |  |
| --- | --- | --- |
| **Problem Solution Fit** | Prepare problem - solution fit document. | 19 October 2022 |
| **Solution Architecture** | Prepare solution architecture document. | 19 October 2022 |
| **Customer Journey** | Prepare the customer journey maps to understand the user interactions and experiences with the application (entry to exit). | 20 OCTOBER 2022 |
| **Functional Requirement** | Prepare the functional requirement document. | 20 OCTOBER 2022 |
| **Data Flow Diagrams** | Draw the data flow diagrams and submit for review. | 20 OCTOBER 2022 |
| **Technology Architecture** | Prepare the technology architecture diagram. | 20 OCTOBER 2022 |
| **Prepare Milestone & Activity List** | Prepare the milestones & activity list of the project. | 19 November 2022 |
| **Sprint** | Prepare the sprint plan | 10 November 2022 |
| **Schedules** | and divided tasks |  |
|  | according to agile |  |
|  | method. |  |
| **Project**  **Development- Delivery** | Develop & submit the developed code by testing it. | 19 OCTOBER 2022 |
| **Sprint - 1** |  |  |
| **Sprint - 2** | Develop & submit the developed code by testing it. | 19 NOVEMBER 2022 |
| **Sprint - 3** | Develop & submit the developed code by testing it. | 19 NOVEMBER 2022 |
| **Sprint - 4** | Develop & submit the developed code by testing it. | 19 NOVEMBER 2022 |