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| **TITLE** | **DESCRIPTION** | **Achievement** | **DATE** |
| **Literature Survey & Information Gathering** | Literature survey on the selected project & gathering information by referring the, technical papers ,research publications etc. | This activity helped to learn how the project was implement by other developers and what where all the feature and disadvantages they faced. | 28 SEPTEMBER 2022 |
| **Prepare Empathy Map** | Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements | It helped to bring together the team members ideas. | 19 SEPTEMBER 2022 |
| **Ideation** | List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance. | The team members ideas are brought together and based on the functionality requirement the ideas are placed. | 21 SEPTEMBER 2022 |
| **Proposed Solution** | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc. | The solution proposed for the given problem summarized what are all the functionality that are going be developed. | 24 SEPTEMBER 2022 |
| **Problem Solution Fit** | Prepare problem – solution fit document. | This activity helps to make a proper solution fit. | 30 SEPTEMBER 2022 |
| **Solution Architecture** | Prepare solution architecture document. | Architectural flow of project is described. | 3 OCTOBER 2022 |
| **Data Flow Diagrams** | Draw the data flow diagrams and submit for review. | The flow of the each development phase is described. | 3 OCTOBER 2022 |

Project Planning Phase Milestones and Activity List

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| --- | --- |
| Date | 31 October 2022 |
| Team ID | PNT2022TMID37898 |
| Project Name | IOT-Smart Solution for Railways |

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| **Technology Architecture** | Prepare the technology  architecture diagram. | Involves the development of blueprint of the project. | 3 OCTOBER 2022 |
| **Functional Requirement** | Prepare the functional requirement document. | This gives a clear view about the basic functional requirement need for the development phase | 3 OCTOBER 2022 |
| **Customer Journey** | Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit). | Helps to have a over view about the customer experience. | 21 OCTOBER 2022 |
| **Prepare Milestone & Activity List** | Prepare the milestones & activity list of the project. | Summarizes from the starting phase of the project. | 23 OCTOBER 2022 |
| **Project Development - Delivery of Sprint-1, 2, 3 & 4** | Develop & submit the developed code by testing it. | Helps to fix scheduled time table for completing the projects. | IN PROGRESS.. |