

**Project Planning Phase  
Milestone and Activity  
List**

|                     |                                     |
|---------------------|-------------------------------------|
| <b>Team ID</b>      | <b>PNT2022TMID46884</b>             |
| <b>Project Name</b> | <b>Smart Solutions for Railways</b> |

**IDEATION PHASE**

| <b><u>TITLE</u></b>                                     | <b><u>DESCRIPTION</u></b>   | <b><u>DATE</u></b>                    |
|---|---|---------------------------------------|
| <b>Literature survey</b>                                | Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc | <b>Oct 18, 2022<br/>Oct 23, 2022</b>  |
| <b>Empathy Map</b>                                      | Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements                                | <b>Oct 18, 2022<br/>Oct 23, 2022</b>  |
| <b>Problem Statement</b>                                | Prepare the problem statement document  | <b>Oct 25, 2022_<br/>Oct 30, 2022</b> |
| <b>Brainstorming Idea Generation<br/>Prioritization</b> | List them by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.         | <b>Oct 18, 2022<br/>Oct 23, 2022</b>  |

## PROJECT DESIGN PHASE-I

| TITLE                        | DESCRIPTION   | DATE                                 |
|------------------------------|---|--------------------------------------|
| <b>Problem Solution Fit</b>  | Prepare problem - solution fit document.  | <b>Nov 1, 2022 -<br/>Nov 3, 2022</b> |
| <b>Proposed Solution</b>     | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc. | <b>Oct 18, 2022<br/>Oct 23, 2022</b> |
| <b>Solution Architecture</b> | Prepare a solution architecture document.   | <b>Oct 18, 2022<br/>Oct 23, 2022</b> |

## PROJECT DESIGN PHASE- II

| TITLE                                      | DESCRIPTION   | DATE                                  |
|--|---|---------------------------------------|
| <b>Functional Requirements</b>             | Prepare the functional requirement document.  | <b>Oct 29, 2022 -<br/>Nov 3, 2022</b> |
| <b>Customer Journey Map</b>                | Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit). | <b>Oct 29, 2022 -<br/>Nov 3, 2022</b> |
| <b>Data Flow Diagrams and User Stories</b> | Draw the data flow diagrams and submit for review.  | <b>Oct 27, 2022 -<br/>Nov 3, 2022</b> |

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|-------------------------|---|-----------------------------------|
| <b>Technology Stack</b> | Prepare the technology architecture diagram | <b>Oct 27, 2022 - Nov 3, 2022</b> |
|-------------------------|---|-----------------------------------|

## PROJECT PLANNING PHASE

| <b>TITLE</b>                       | <b>DESCRIPTION</b>                                    | <b>DATE</b>                       |
|------------------------------------|---|-----------------------------------|
| <b>Project Planning</b>            | Prepare the planning for this project                 | <b>Nov 7, 2022 - Nov 11, 2022</b> |
| <b>Milestone and Activity List</b> | Prepare the milestones & activity list of the project | <b>Nov 7, 2022 - Nov 17, 2022</b> |

## PROJECT DEVELOPMENT

| <b>TITLE</b>  | <b>DESCRIPTION</b>                                | <b>DATE</b>          |
|---|---|----------------------|
| <b>Project Development Delivery of Sprint-1, 2, 3 &amp; 4</b> | Develop & submit the developed code by testing it | <b>IN PROGRESS..</b> |