

**Project Planning Phase  
Milestone and Activity  
List**

<b>Date</b>	<b>Nov 11, 2022</b>
<b>Team ID</b>	<b>PNT2022TMID01167</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 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 Oct 23, 2022</b>
<b>Problem Statement</b>	Prepare the problem statement document	<b>Oct 25, 2022_ Oct 30, 2022</b>
<b>Brainstorming Idea Generation Prioritization</b>	List them by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	<b>Oct 18, 2022 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 - 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 Oct 23, 2022</b>
<b>Solution Architecture</b>	Prepare a solution architecture document.	<b>Oct 18, 2022 Oct 23, 2022</b>

## PROJECT DESIGN PHASE- II

TITLE	DESCRIPTION	DATE
<b>Functional Requirements</b>	Prepare the functional requirement document.	<b>Oct 29, 2022 - 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 - 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 - Nov 3, 2022</b>

<b>Technology Stack</b>	Prepare the technology architecture diagram	<b>Oct 27, 2022 - Nov 3, 2022</b>
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### 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 11, 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>