

Project Planning Phase

Milestone and Activity List

Date	28 October 2022
Team ID	PNT2022TMID35329
Project Name	Project - Smart Solutions for Railways

S.No	Milestone	Activities	Team Members
1	User Interface Design	Web interface for ticket booking using Node-RED	1. Sreeratcha B 2. Keshikaa R
2	Application Logic creation	User registration & login	1. Keshikaa R
		Create Logic for booking processing	1. Sreeratcha B
		Create a payment portal to buy tickets	1. Sreeratcha B 2. Akshaya R
		Ticket generation and Cancellation	1. Akshaya R
		Ticket verification	1. Akshaya R
		Design UI for scanning QR code and to verify the passenger	1. Keshikaa R
		Create logic for sending alerts, notifications, and reminders	1. Keshikaa R 2. Akshaya R
3	Database creation	Design User database to store details	1. Akshaya R 2. Sreeratcha B
		Design database to store Train and its journey details	1. Prithivi M 2. Keshikaa R
		Design database to store the Tickets generated on booking	1. Sreeratcha B 2. Prithivi M
4	Tracking system	Create a module for reading and updating passenger location through mobile GPS	1. Prithivi M 2. Akshaya R
		Create database to store train GPS telemetry data	1. Prithivi M 2. Akshaya R
5	Integration	Integrate the Front-End of the Web UI with the database through server	1. Sreeratcha B 2. Keshikaa R

		Integrate GPS tracking system with the Web Interface through IBM Watson	1. Prithivi M 2. Akshaya R
		Integrate the local system application with Cloud services	1. Prithivi M
6	Testing and Deployment	Test the application for various testcases and for many users	1. Akshaya R 2. Keshikaa R
		Deploy the application	1. Prithivi M