Project Design Phase-I

Date	16 October 2022
Team ID	PNT2022TMID28657
Project Name	Smart Solutions for Railways
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	To make ticket booking and verification process easier and alert, make aware about passenger's destination before it arrives.
2	Idea / Solution description	We have come up with the idea of designing a website to book tickets and to see other information about train. After booking passenger receive QR code and it is scanned by ticket collector during boarding to verify identity. Unique ID database is stored in the cloud. Through GPS tracking live status of train can be monitored and alerts passenger before their destination arrives.
3	Novelty / Uniqueness	Passenger is alerted though mobile phone before destination arrives.
4	Social Impact / Customer Satisfaction	People feel relaxed and tension free about tickets and arrival of destination.
5	Business Model (Revenue Model)	Digitizing the paper works minimizes the cost, and people more likely prefer this and it is cost efficient and secure.
6	Scalability of the Solution	It supports adding new features and it is user friendly with high security.