Project Design Phase-I
Proposed Solution Template

Date	November 05
Team ID	PNT2022TMID34495
Project Name	Smart Solutions For Railways
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	✓ The smart solutions for railways is designed to reduced the work load of thee user and also the use of paper and also provides the live location of the train. ✓ I the busy world, the public is need of online booking process. Now a days, in the railway station the people are don't waste the time for taking in ticket counter. ✓ The passengers are struggling to get tickets in the time from ticket counters. So they like to switch over online ticket booking.
2.	Idea / Solution description	✓ The webpage is designed in which the user can book tickets and will be provided with a OR code which will be shown to the ticket collector will be scanning the QR code to get the passenger details. ✓ The webpage also shows the love locations of the train by placing a GPS module in the train. The booking details of the user will be stored in thee database which can be retrieved anytime.
3.	Novelty / Uniqueness	✓ A QR code will be provided by the webpage to the user which will reduce the paper work. ✓ All the booking details of the customers will be stored in the database with a unique ID and they can be retrieved back ,when the ticket collector scans the QR code. You can also view interactive seat map.
4.	Social Impact / Customer Satisfaction	✓ The booing ticket is made easy to use and it is also reliable and no need to go to station for booing tickets and the

		transaction process is also made easy.
		✓ The customer will be notified on email as well as cell phone on all confirmation and cancellations.
5.	Business Model (Revenue Model)	✓ With this solution-By using this applications, the customer can schedule their destination, view interactive seat map and select their seat for their convenience.
		✓ Without this solution- they have to travel to the station to book tickets and also have to carry their tickets to show tickets collector.
6.	Scalability of the Solution	✓ No need of taking print out.
		✓ Counter ticket had to be handled with care, but SMS on mobile is more than enough.
		✓ You are becoming environment friendly and contributing for greener plant by ignoring printout.
		✓ No need of taking out wallet and showing your ticket to TTR, just tell your name to TTR that you are passenger with a valid proof.
		✓ While booking counter ticket you had to carry cash and while booking E-ticket you are paying through online directly from bank which makes work more easy for you.