Project Design Phase-I
Proposed Solution

Date	23 September 2022
Team ID	PNT2022TMID52749
Project Name	Project - SMART SLOUTION FOR RAILWAYS
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	**Problem Statement (Problem to be solved)**	One of the biggest challenges in the current ticketing facility is queue in buying railway tickets. It is more frustrating at times to stand in the queue for a very long time. So a Web page is designed for the public where they can book tickets by seeing the available seats. And a confirmation QR code is sent to the user.
2.	**Idea / Solution description**	To develop a railway reservation system, a web page is designed to book the train tickets between two destination. The user receives the QR code via mail or message and the ticket collector can identify the personal information by scanning the QR code. The client booking information will be stored in the database with unique ID and it is retrievable.
3.	**Novelty / Uniqueness**	The proposed model continuously monitors the number of available seats in the train in order to make the reservation. Also will track the live location of the network and update the data which provide safe and security travelling.
4.	**Social Impact / Customer Satisfaction**	Encourage people to travel in the train with more comfortable and saves time for reserving tickets in a comfortable way thereby ensures a happy journey to travel.
5.	**Business Model (Revenue Model)**	The low cost requirement for designing this proposed model makes it more reliable and user friendly. This makes the model more practical for traveller who travels in railway.
6.	**Scalability of the Solution**	With efficient usage of IBM cloud, this proposed model will be able to handle a large number of user data. This makes a huge number of users to easily access and efficiently use it.