Ideation Phase
Define the Problem Statements

Date	27 September 2022
Team ID	PNT2022TMID33715
Project Name	Project – Smart Solutions For Railways
Maximum Marks	2 Marks

Problem Statement:

Nowadays railways are going in a modern way, there are several technologies are added to these systems, in addition to there are so more technique is used in this project. Usually, passengers are booking a ticket for railways online, then the seats are reserved when they travel on the date, they travel with tickets and end with a happy journey. But there are some fraudulent activities in these reservations of tickets. Due to avoid these activities, Web UI is used when the ticket is reserved, also QR CODE is generated along with UNIQUE ID. These are stored in a cloud and DB using Python. The components of IoT devices and IoT platforms are also generated with a UNIQUE ID. When the ticket collector is asked for the passengers to a ticket, that QR CODE with a UNIQUE ID is already in the database. The new random Python is also stored and visible to the ticket collector. He verifies that ticket. Using this technology, Cheaters are unable to do indiscipline activities. Even though they have done it can be easily identified. It is very useful for railway departments to punish fraud person.