Team ID	PNT2022TMID13667
Project Name	Smart Solutions For Railways
Title	Project Design Phase-I - Solution Fit Template

Project Title:SMART SOLUTION FOR RAILWAYS **Project Design Phase-I - Solution Fit Template** **Team ID:** PNT2022TMID13667

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS J&P

Passengers who are travelling in the train and ticket collector

Due of their busy schedules and frequent international travel, the public needs an online booking method. In recent years, the waits in front of the ticket windows in railroad stations have gotten substantially longer.

9. PROBLEM ROOT CAUSE RC

Reducing the paper work of customer.

The primary cause of the issue is a lack of technology in the past, since customers find it challenging to book tickets and check the whereabouts of trains.

In order to solve this issue, we implemented the QR code and GPS tracker for purchasing tickets and locating trains.

7. BEHAVIOUR BE

The user can book tickets on a website, where they will also receive a QR code that they can display to the ticket collector so that the ticket collector can scan it to retrieve the user's information.

We can show sincere empathy for the customer's dilemma by paying attention to what they have to say.

We may quickly learn how the consumer encounters problems with the application by reviewing the ration session.

Explore AS, differentiate

Iden

3.TRIGGERS TR

Saves paper and work load

10.YOURSOLUTION

SL

*A website has been created where users may purchase tickets and receive a QR code that they can display to the ticket collector so they can scan it to retrieve the passenger's information.
*By installing a GPS module inside the train, the website also displays the train's

6.CHANNELSof BEHAVIOUR CH

ONLINE

People can book their tickets through online and they get a QR code through sms

Extract online &

4. EMOTIONS: BEFORE/ AFTER **EM**

- COUNTER TICKET MUST BE HANDLED WITH CARE, BUT SMS ON MOBILE IS ENOUGH; NO NEED TO TAKE PRINT OUT.
- NO NEED TO TAKE OUT WALLET AND SHOW YOUR TICKET TO TTR, JUST TELL THEM YOUR NAME THAT YOU ARE A PASSENGER WITH A VALID PROOF.
- YOU ARE BECOMING ENVIRONMENTALLY FRIENDLY AND CONTRIBUTING FOR A GREENER PLANET BY IGNORING PRINTOUT.
- YOU NO LONGER NEED TO CARRY CASH WHEN BOOKING COUNTER TICKETS BECAUSE YOU CAN PAY FOR THEM ONLINE USING A BANK ACCOUNT ,WHICH MAKES YOUR LIFE EASIER.

OFFLINE

In web application passenger details is stored and the ticket collector can view their details at any time.