**Project Title: SMART SOLUTIONS FOR RAILWAYS** 

Team ID: PNT2022TMID18884

## **Project Design Phase-I - Solution Fit Template**



#### 6. CUSTOMER CONSTRAINTS

Network Connection, Getting familiar with the digitilized process

### 5. AVAILABLE SOLUTIONS

Digitizing the booking and verification process & alert passenger before their destination arrives.

Before times ticket booking was in person and verification was paper pen work & passenger where unaware of

Digitalizing the work reduces manual paper pen work and it becomes easier and time saving.

# 2. JOBS-TO-BE-DONE / **PROBLEMS**

Ticket booking and verification process is the work to be done.

#### 9. PROBLEM ROOT CAUSE

Paper pen works takes time and can be time consuming. People in fast world wont like to still stand in a que and book ticket.

### 7. BEHAVIOUR

 $\overline{\mathbf{SL}}$ 

RC

Passengers opens website books ticket and gets QR Code and it is just scanned by TTR while boarding.

BE

Explore

different

### 3. TRIGGERS

Neighbour who booked their tickets through website and said about paperless verification. Know about new smart systems in railways through news.

#### TR 10. YOUR SOLUTION

Our solution is to design a website where we can book ticket and receive QR Code which can be scanned during boarding. Passengers can also monitor the train status and as well as they are alerted through mobile before their destination arrives.

#### 8. CHANNELSof BEHAVIOUR

Online: Passenger book on their own.

Offline: Passenger book through service centers

or at railways.







4. EMOTIONS: BEFORE / AFTER Before: Unaware, Time consuming, Difficulty. After: Aware, Time saving, Easy	