# 1. CUSTOMER SEGMENT(S)

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The passengers who book train tickets in online are our customers

### 6. CUSTOMER CONSTRAINTS

CC Network Bandwidth issue and people who were unaware of digital knowledge.

#### 5. AVAILABLE SOLUTIONS

Making the ticket booking and verification process online to avoid misuse activities and comfortable to the passengers to book tickets.

**Team ID:** PNT2022TMID18193

Doing a continuous monitoring of train location so that passengers will be aware of train's departure at their respective stations.

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



Ticket booking and verification process to be done.

Live location update also to be done

### 9. PROBLEM ROOT CAUSE



Former system of ticket booking is a time consuming task as it requires pen, paper for it. People in the digital era never waits for standing in queue.

## 7. BEHAVIOUR



Passengers have to book their tickets and they will get a QR code send to their mail ID's and that QR Code will be verified by TTE while travelling.

# 3. TRIGGERS



Neighbours who booked their tickets through websites and talked about paperless verification. Know about new smart system in railways through news

# 4. EMOTIONS: BEFORE / AFTER



**BEFORE** - Fake passengers, Insecure,
Difficult, Inaccuracy in location update **AFTER** - Legal passengers, Secure, Fast and Easy, Accuracy in location update

## **10. YOUR SOLUTION**



Our solution is to make a website where passengers can book their tickets and their tickets are verified by TTE through QR Code technology and we also propose a live train status monitoring system where users can see the train live status in the websites.

### 8. CHANNELS of BEHAVIOUR



### 8.1 ONLINE

Passengers have to book their tickets on own in online mode

### 8.2 OFFLINE

Passengers have to go to counters to book their tickets in offline mode.