**Project Title: Smart Solutions for Railway**

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

**Team ID : PNT2022TMID16114**

**1. CUSTOMER SEGMENT(S)**

**Define CS, fit into CC**

Passenger who uses railways is our customer

# CS

**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.

**Explore AS, different**

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

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

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

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

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

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.

# RC

**7. BEHAVIOUR**

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

# BE

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|  | **3. TRIGGERS TR**  Neighbour who booked their tickets through website and said about paperless verification. Know about new smart systems in railways through news. | **10. YOUR SOLUTION SL**  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 CH**  Online : Passenger book on their own.  Offline : Passenger book through service centers or at railways. |  |

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