Project Title: Smart Railway system using IOT

1. CUSTOMER SEGMENT(S) — CS

Who is your customer?
i.e. working parents of 0-5 y.o. kids

> A passenger who needs medical help during emergency situation

6. CUSTOMER CONSTRAINTS

What constraints prevent your customers from taking action or limit their choices
of solutions? i.e. spending power, budget, no cash, network connection, available devices.

> Not all people have iot enabled devices and know how to operate it

5. AVAILABLE SOLUTIONS — AS

Which solutions are available to the customers when they face the
or need to get the job done? What have they tried in the past? What pros &

> They can contact the doctor/helper by using iot enabled devices

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Which jobs-to-be-done (or problems) do you address for your

> If a person in the train facing health issue,it will be difficult for the passenger to communicate with the doctor/helper

9. PROBLEM ROOT CAUSE — RC

What is the real reason that this problem
exists? What is the back story behind the
need to do this job?

> Unavailability of devices to use in the train in order to seek help at emergency situation

7. BEHAVIOUR — BE

What does your customer do to address the problem and get the

i.e. directly related: find the right solar panel installer, calculate usage and

> They inform their issues to the railway transport system committee

3. TRIGGERS `TR`

Since technologies are emerging well,they feel why don't they implement such technology in railway systems.

4. EMOTIONS: BEFORE / AFTER `EM`

Whenever their loved ones.. facing emergency situation,they feel angry if they can't able to help them , even though we are having enormous technologies

10. YOUR SOLUTION `SL`

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

We can fix an in built iot enabled devices ,which will make a communication between a passenger seeking help in train and the doctor/helper

8. CHANNELS of BEHAVIOUR `CH`

8.1 ONLINE
What kind of actions do customers take online? Extract online channels from #7

They address their issues through the feedback portal or try to contact nearby station for help

8.2 OFFLINE
What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

Passenger call out for help to ticket checker,or other doctor available in the train at that moment