

Define CS, fit into CC

1. CUSTOMER SEGMENT(S)Who is your customer? **CS**

- Traffic police
- Highway division
- Passenger / drivers.

6. CUSTOMER CONSTRAINTS

What constraints prevent your customers from taking action or limit their choices

The impact of the network on the tests was a significant and unexpected element. Given the quantity of sensors, this IoTbased system was successful in simulating a large-scale smart agricultural setting.

5. AVAILABLE SOLUTIONS

Which solutions are available to the customers when they face the problem

or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

Not only the road ways but also clear dirctions are given.

Explore AS, differentiate

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

2. JOBS-TO-BE-DONE / PROBLEMS

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

It is mandatory to have a regular check on speed limit of the driver on temperature of the surrounding.

9. PROBLEM ROOT CAUSE

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

No sensor readings from the weather would alter the speed restriction if there was no internet connection. Unnecessary pressing of the accident indicator button by some people could lead to problems.

RC**7. BEHAVIOUR**

What does your customer do to address the problem and get the job done?

The IOT cloud updates the smart board on the condition of the road on a regular basis.

BE

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

3. TRIGGERS**TR**

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

Poor weather condition prevails .The vehicle should be moving at threshold speed.The sensor value should be shown on the smart board to alert the customer.

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

How do customers feel when they face a problem or a job and afterwards?
It will be helpful for the drivers to follow the instruction on the smartboard.

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.

We employ smart linked sign boards as an alternative to static signboards. With the help of a web app and weather API, these intelligent connected sign boards automatically update with the current speed limits. The speed may rise or fall in response to variations in the weather. The display of diversion signs is determined by traffic and potentially fatal situations. As appropriate, there are also signs that read "Guide (Schools), Warning, and Service" (Hospitals, Restaurants).

8. CHANNELS of BEHAVIOUR**CH****8.1 ONLINE**

What kind of actions do customers take online?

The department can receive direct mails or messages from public.

8.2 OFFLINE

What kind of actions do customers take offline?

By using the smart board signs, drivers can know the state of the road from wherever they are.