**Project Title:Sign with smart connectivity for better road safety Project Design Phase-I** - **Solution Fit Template**

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Hhigh waa

**AS**

**5. AVAILABLE SOLUTIONS**

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

Along roadways,static signs with clear directions are put as potential fixes.

What constraints prevent your customers from taking action or limit their choicesof solutions?

The impact of the network on the tests was a significant & unexpected element.given the qanitity of sensors,this IOT based system was successful in simulating a large scale mart agricultural setting.

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

Who is your customer?

* Highway division
* passenger

pp

**Explore AS, differentiate**

**Define CS, fit into CC**

g

**7.BEHAVIOR**

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

As a teacher,the IOT cloud updates the smartboard on the condition of the road on a regular basis.

**BE**

**RC**

**9. PROBLEM ROOT CAUSE**

What is the real reason that thisproblem exists? What is 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.

**J&P**

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

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

Among its many duties,the smartboard connectivity is in charge of keeping correct temperature sensor readings & informing the board of the speed of the customer’s vehicle.

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

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



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| --- | --- | --- | --- | --- |
| **Identify strong TR i EM** | **3. TRIGGERS TR**  What customers to act?i.e. seeing their neighbor installing  Poor weather conditions prevail.The vehicle should be moving at threshold speed.The sensor value should be shown on the smar board to alert the customer | **10. YOUR SOLUTION SL**  We employ smartsmart linked sign boards as an alternative to static signboards.with the help of a web app & 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 disply of diversion signs is determined by traffic &potentially fatal situation.As appropriate,there are also signs that read “Guide(schools),warning,and service”(Hospitals,Restaurants ).Using buttons,it is possible to choose from a variety of operation modes. | 1. **CHANNELS of BEHAVIOUR CH**     1. **ONLINE**   What kind of actions do customers take online? Extract online channels from #7  The departments can receive direct emails or messages from customer.(officers on nearby patrol)   * 1. **OFFLINE**   What kind of actions do customers take ofﬂine?  **Following directions is one of the main task for the traveller,but they can utilize the smartboard signs to check the state of the road from wherever they are** |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  How do customers feel when they face a problem or a job and afterwards?  i.e. lost, insecure > conﬁdent, in control - use it in your communication strategy & design. client will feel better after selecting an operation mode with the use of smartboard connectivity,&they will then follow the instruction on the smartboard |