J&P

# 1. CUSTOMER SEGMENT(S)

Who is your customer?
i.e. Generally a persons who uses (drives) a Vehicle

# 6. CUSTOMER CONSTRAINTS

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

Sol: It saves time of customer who is using it and no cash where it requires network connection and power also the devices that are required

#### 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?

If network error they have to reload(refresh) the page to get the accurate result. They should be connected to proper network.

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

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

.Sol: Generally people who uses vehicles need to know the path to drive and directions it provides a solution by giving specific direction.

Due to heavy rains there may be slippery road to avoid skidding it automatically adjust the speed.

If there is an accident in the coming path it intimates us to change direction or lane

#### 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?

Because due to rains many accidents occur where this will help us to control the speed immediately according to conditions and have clear idea about road signs which decreases the count of accidents.

# 7. BEHAVIOUR

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

He have to use the right resource(app) to get the accurate results that are required by him/her.

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# 3. TRIGGERS



What triggers customers to act?

It helps in providing facilities that are required for a safe driving

# 4. EMOTIONS: BEFORE / AFTER



How do customers feel when they face a problem or a job and afterwards?

I.e.

Before: They think it helps in providing direction (road signs), speed limit and they are very excited and confident.

After: If Suddenly any problem occurs in showing its functionalities they may feel insecure and tired.

# 10. YOUR SOLUTION



- To replace the static signboards, smart connected sign boards are used.
- These smart connected sign boards get the speed limitations from a web app using weather API and update automatically.
- Based on the weather changes the speed may increase or decrease.
- Based on the traffic and fatal situations the diversion signs are displayed.
- Guide(Schools), Warning and Service(Hospitals, Restaurant) signs are also displayed accordingly.
- Different modes of operations can be selected with the help of buttons.

### **8.CHANNELS of BEHAVIOUR**



#### 8.1 ONLINE

What kind of actions do customers take online? He need to have open weather map account in order to know about the temperature conditions

# 8.2 OFFLINE

What kind of actions do customers take offline?

Need to drive the vehicle safely.