

Ideation Phase

Empathize & Discover

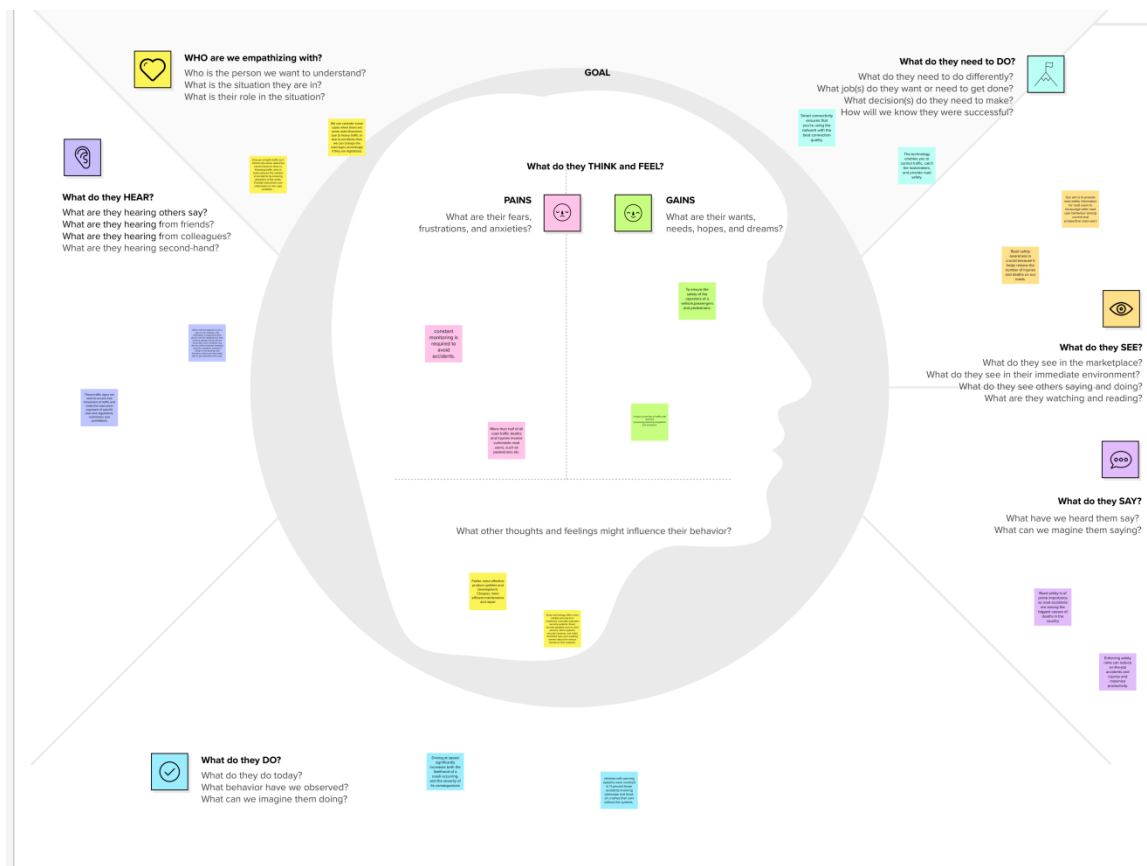
Date	28 October 2022
Team ID	PNT2022TMID34520
Project Name	Signs with smart connectivity for batter road safety
Maximum Marks	4 Marks

Empathy Map Canvas:

In present Systems the road signs and the speed limits are Static. But the road signs can be changed in some cases. We can consider some cases when there are some road diversions due to heavy traffic or due to accidents then we can change the road signs accordingly if they are digitalized. This project proposes a system which has digital sign boards on which the signs can be changed dynamically. If there is rainfall then the roads will be slippery and the speed limit would be decreased. There is a web app through which you can enter the data of the road diversions, accident prone areas and the information sign boards can be entered through web app. This data is retrieved and displayed on the sign boards accordingly.

Example:

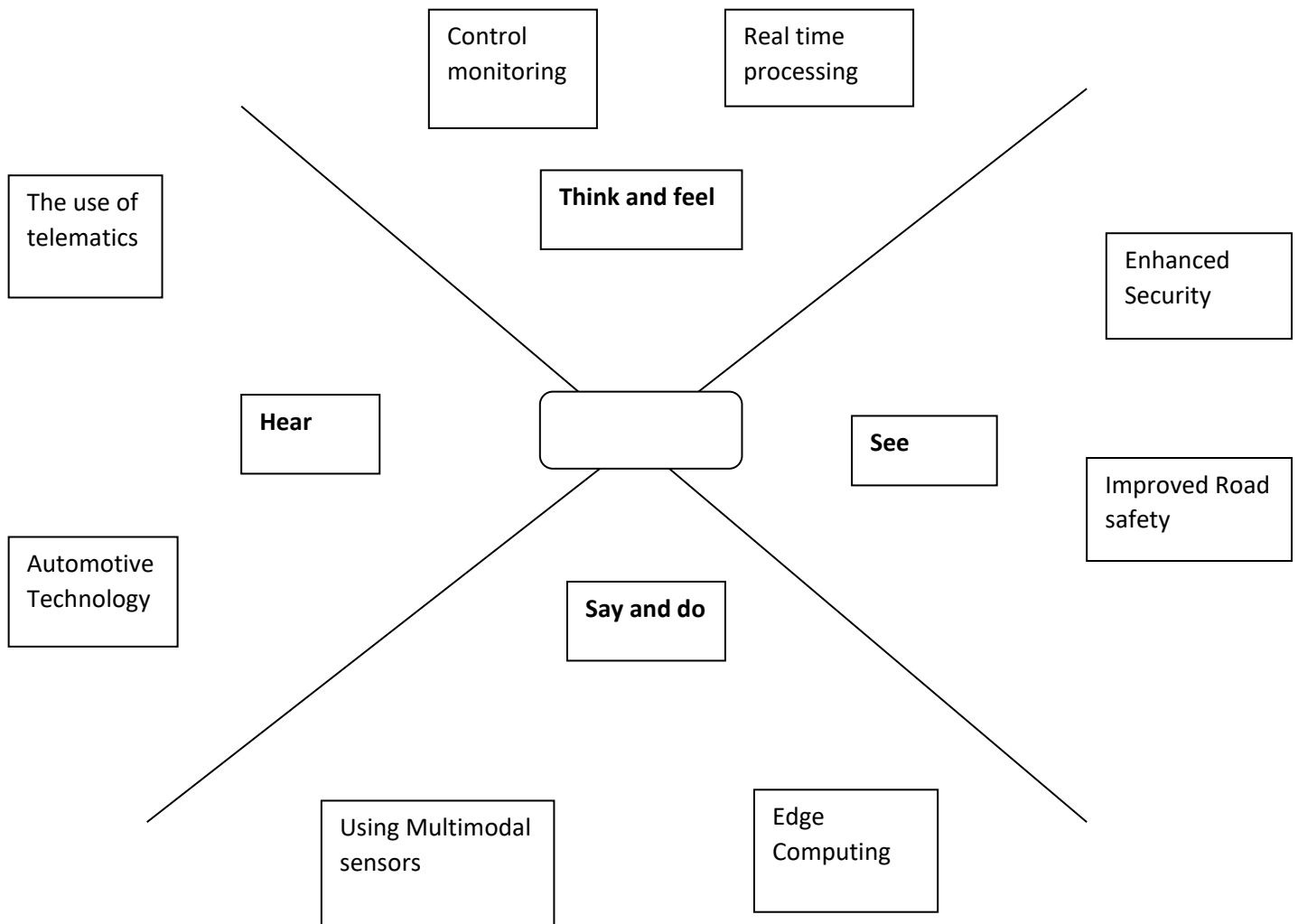
EMPATHY MAP



Reference link :

<https://app.mural.co/invitation/mural/ponjeslycollegeofengineering4932/1666774307820?sender=u1155a1d140476f23abf41892&key=6d043f1b-18b0-4a3a-b997-9c3e6f17997c>

Example :Safety Applications



Pain

Driving at speed significantly increases both the likelihood of a crash occurring and the severity of its consequences.

Gain

It makes optimizing traffic flow and managing road conditions, creating more sustainable environment.