Ideation Phase
Empathize & Discover

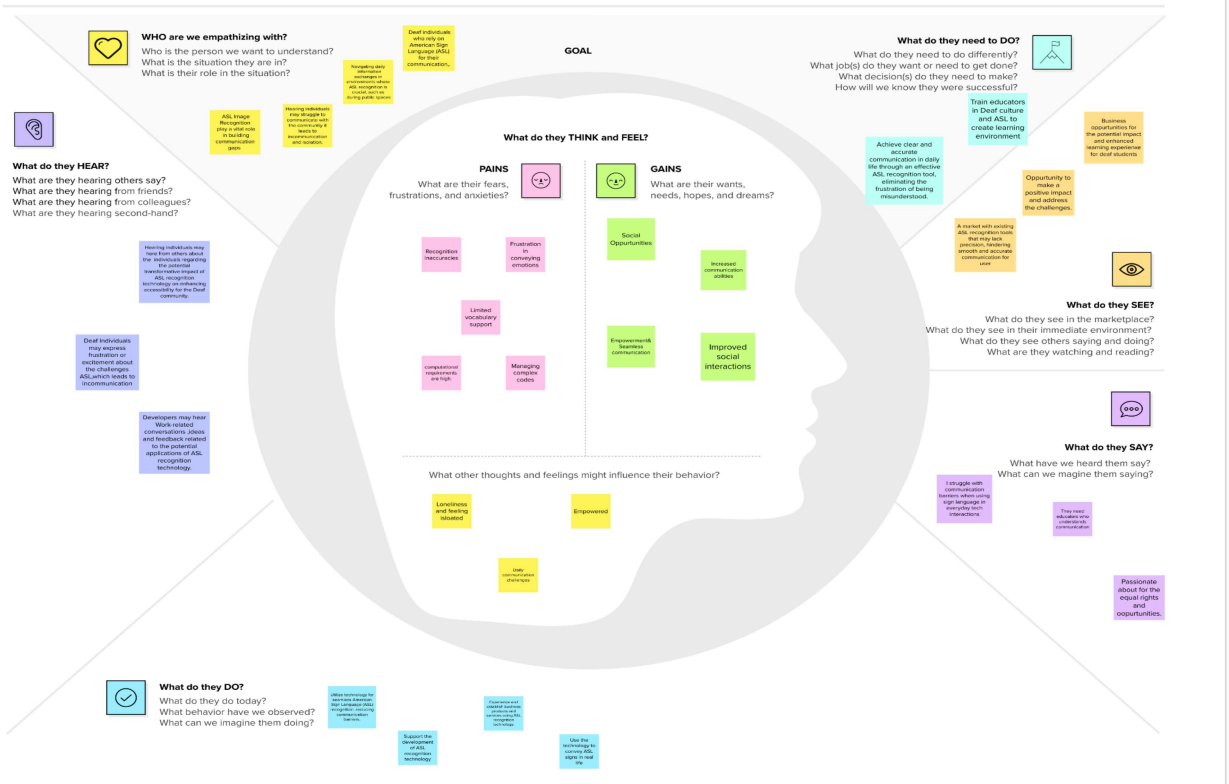
Date	19 November 2023
Team ID	Team-592184
Project Name	ASL- American Sign Language Recognition
Maximum Marks	4 Marks

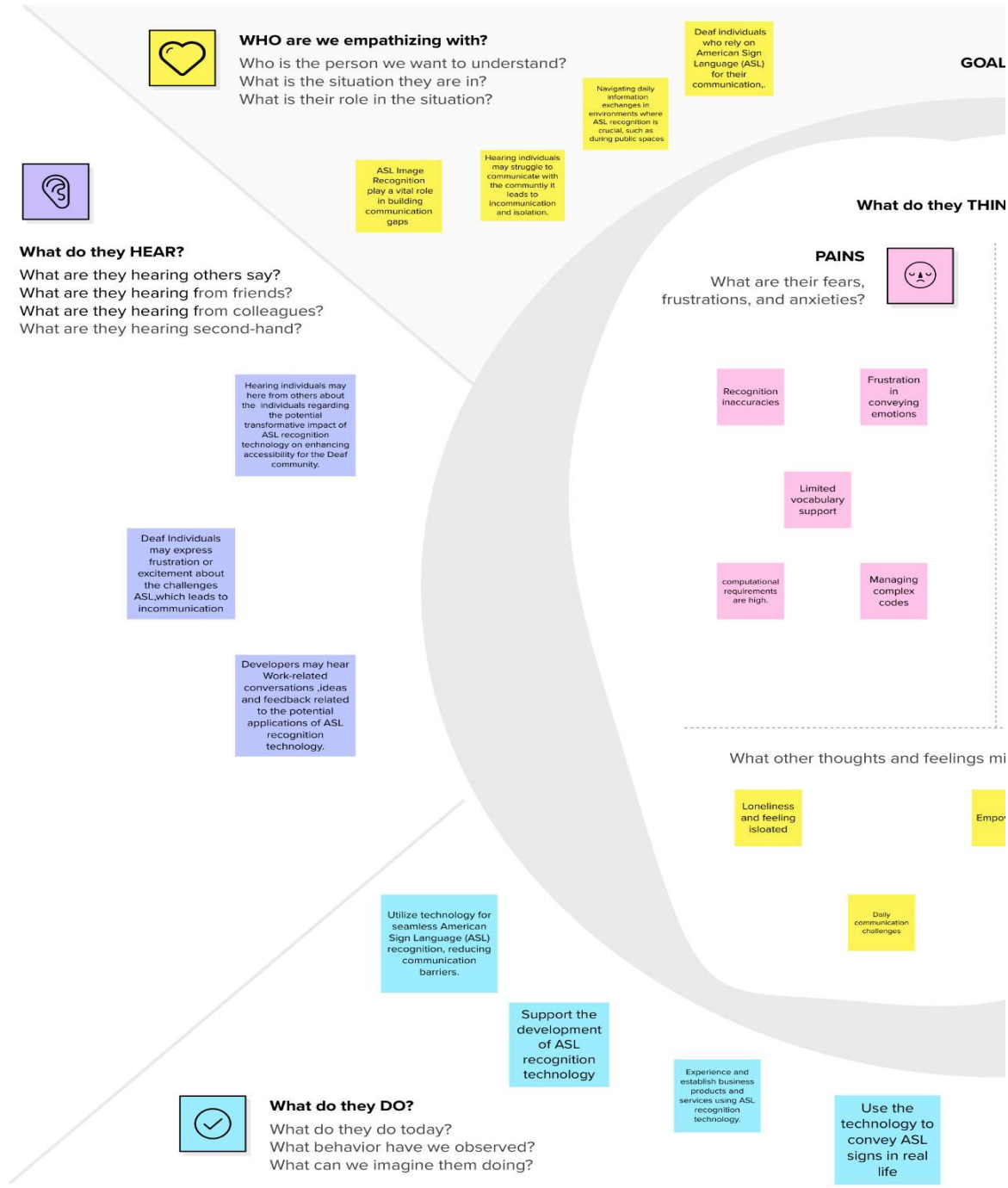
Empathy Map Canvas:

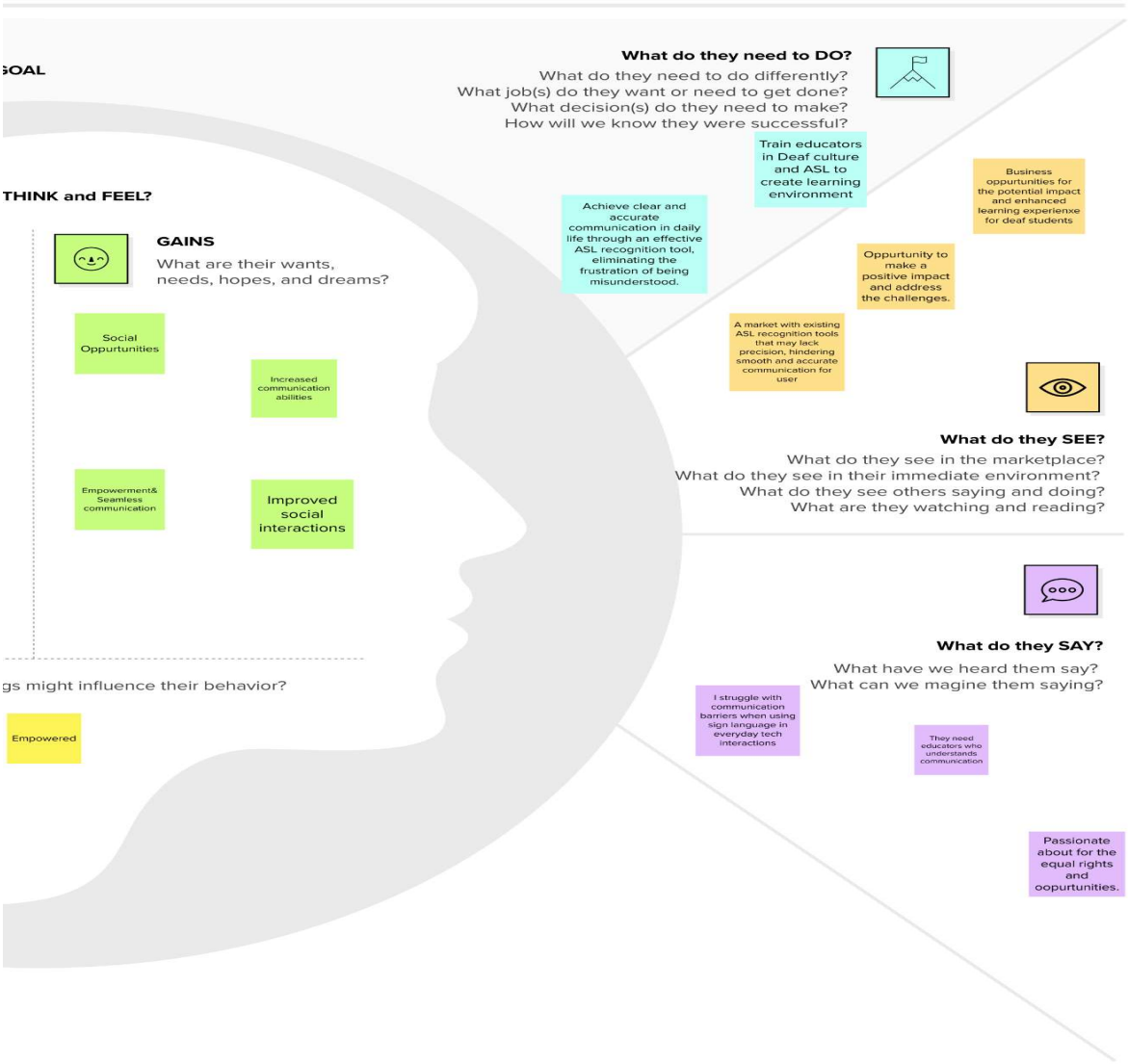
An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes.

It is a useful tool to helps teams better understand their users.
Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.

Example:




WHO are we empathizing with?
Who is the person we want to understand?
What is the situation they are in?
What is their role in the situation?
Deaf individuals who rely on American Sign Language (ASL) for their communication,.
GOAL
Navigating daily information exchanges in environments where ASL recognition is crucial, such as during public spaces
ASL Image Recognition play a vital role in building communication gaps
Hearing individuals may struggle to communicate with the community it leads to incommunication and isolation.
What do they THIN
What do they HEAR?
What are they hearing others say?
What are they hearing from friends?
What are they hearing from colleagues?
What are they hearing second-hand?
PAINS
What are their fears, frustrations, and anxieties?
Hearing individuals may here from others about the individuals regarding the potential transformative impact of ASL recognition technology on enhancing accessibility for the Deaf community.
Recognition inaccuracies
Frustration in conveying emotions
Limited vocabulary support
Deaf Individuals may express frustration or excitement about the challenges ASL,which leads to incommunication
computational requirements are high.
Managing complex codes
Developers may hear Work-related conversations ,ideas and feedback related to the potential applications of ASL recognition technology.
What other thoughts and feelings mi
Loneliness and feeling isloated
Empo
Utilize technology for seamless American Sign Language (ASL) recognition, reducing communication barriers.
Daily communication challenges
Support the development of ASL recognition technology
Experience and establish business products and services using ASL recognition technology.
Use the technology to convey ASL signs in real life
What do they DO?
What do they do today?
What behavior have we observed?
What can we imagine them doing?



Reference:-

https://app.mural.co/t/aiml3864/m/aiml3864/1700381935631/e54855d33dddc40ab9e33724031b161da42cc000?sender=u7286d230c726755f7f0a5516