

Empathy map canvas

ASL - Alphabet Image Recognition

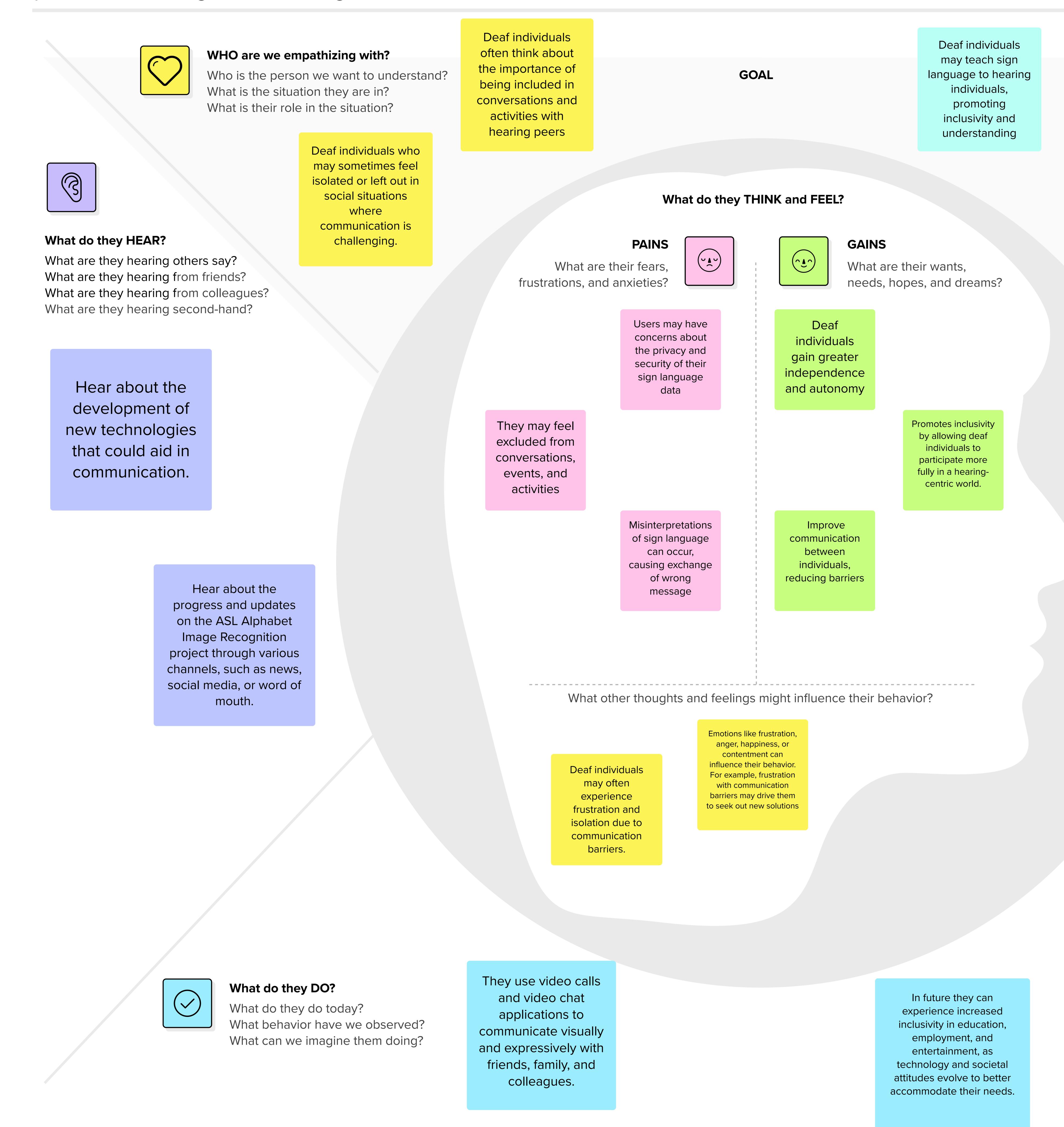
Originally created by Dave Gray at



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ASL - Alphabet Image Recognition

It is a visual language that uses a combination of hand gestures, facial expressions, and body movements to convey meaning. In recent years, there has been an increasing interest in developing technologies to help bridge the communication gap between the deaf and hearing communities. One such technology is ASL Alphabet Image Recognition, which is an image classification task that aims to recognize the ASL alphabet from images of hand signs.



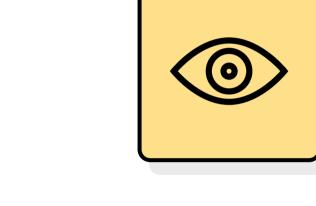
What do they need to DO?

What do they need to do differently? What job(s) do they want or need to get done? What decision(s) do they need to make? How will we know they were successful?

> Actively seek and use technology, like ASL Alphabet Image Recognition, to facilitate communication.

Rely on observing hand gestures and facial expressions when communicating.

See the daily challenges they face in a world primarily designed for hearing individuals



What do they SEE?

What do they see in the marketplace? What do they see in their immediate environment? What do they see others saying and doing? What are they watching and reading?



What do they SAY?

What have we heard them say? What can we magine them saying?

Some deaf individuals actively advocate for their rights and access to communication services

> They face problem to use written communication and text messages to interact with others.

They use visual alerts, like flashing lights or vibrating devices, for notifications, alarms, and doorbells.





