

canvas

Lip Reading using Deep Learning

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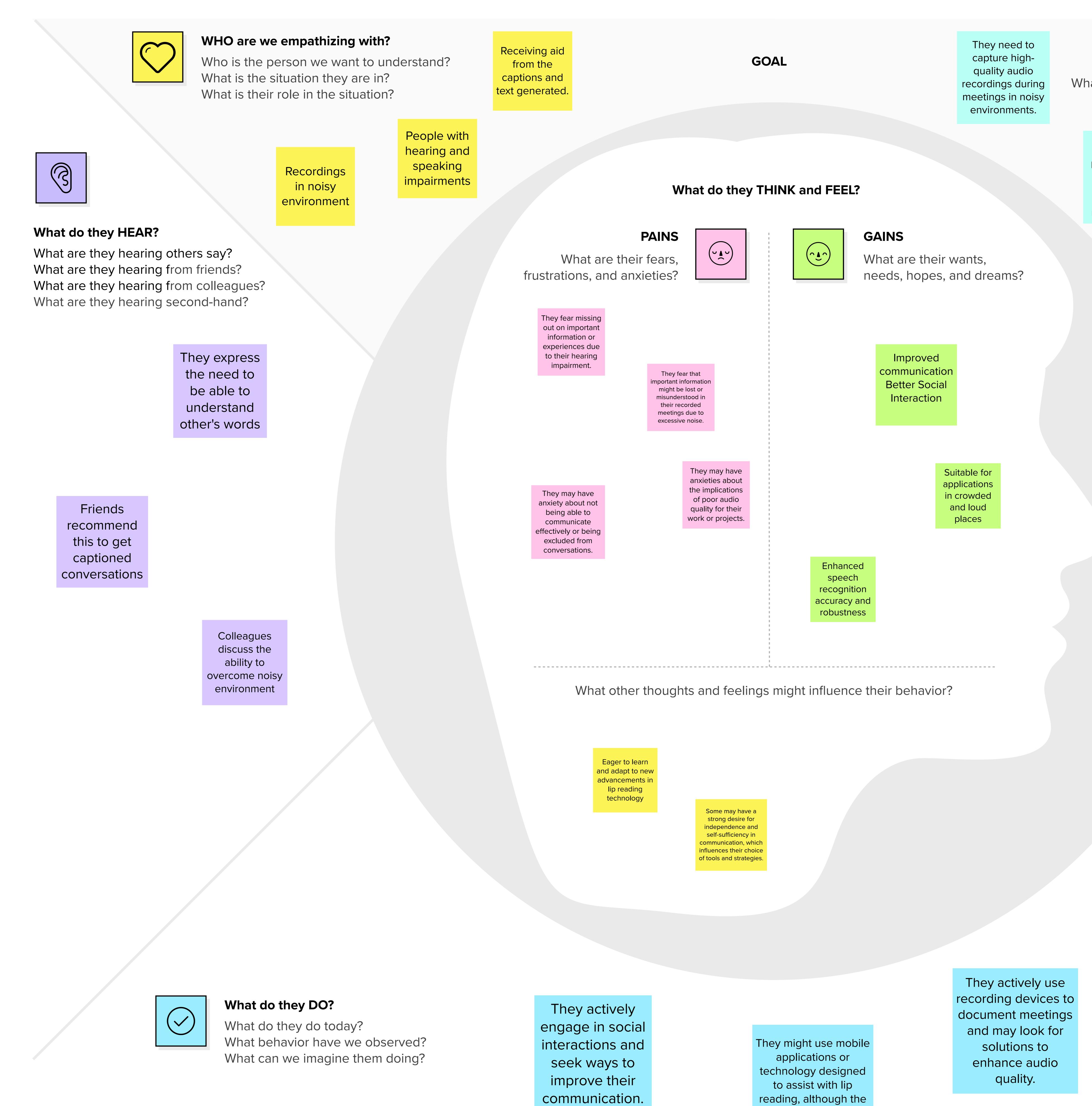
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Lip Reading using Deep Learning

Our project aims to develop an end-to-end machine learning solution to detect words from a video of a person speaking. The proposed solution involves the use of Deep learning algorithms like LSTM, Neural Networks to predict the accurate output.



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?

They want to ensure that background noise does not compromise the clarity of the recorded content.

They seek to document conversations accurately for reference and transcription purposes.

They observe people's lip movements, facial expressions, and gestures to interpret spoken words.

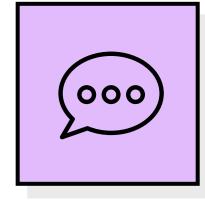
They observe a challenging acoustic environment with various sources of noise during meetings.

They notice the reactions and body language of those they communicate with to gauge understanding.

the struggle of participants to speak and be heard clearly

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?



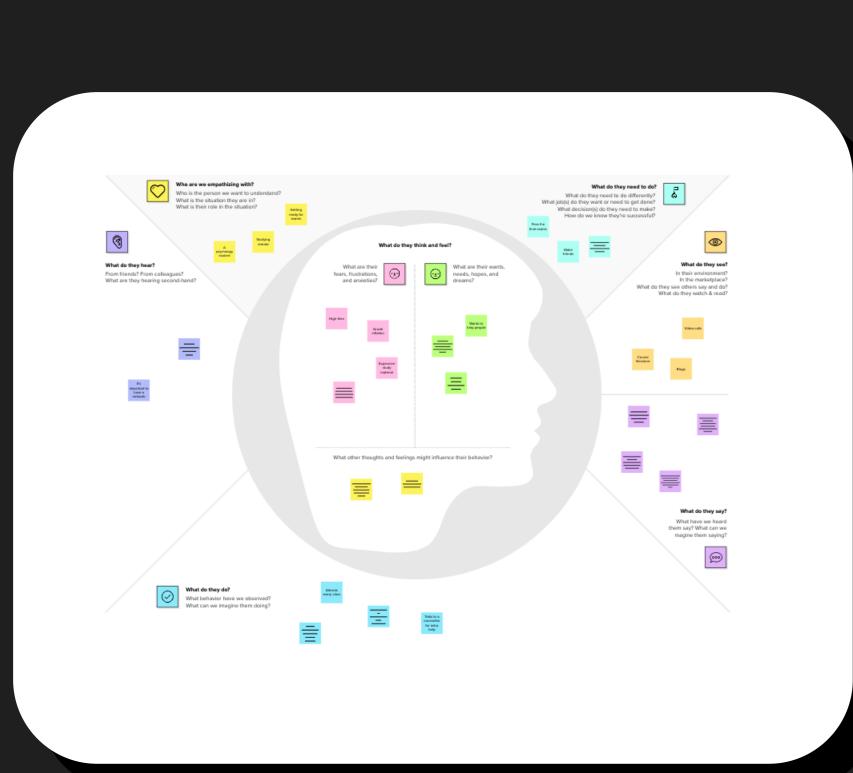
What do they SAY?

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

Ability to participate in conversations without feeling left out.

> They may seek support, share their experiences, or advocate for improved communication resources.

reading, although the accuracy of such tools can vary.



Need some inspiration? See a finished version of this template to kickstart your work.





