

American Sign Language Translator for Inclusive Virtual Meetings

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Our Aim: Include Deaf and Hard of Hearing People in Virtual Meetings

- In the US, over 500,000 people who are deaf or hard of hearing rely on American Sign Language (ASL)
- The current solution is to hire an in-person translator, which is time-consuming and expensive

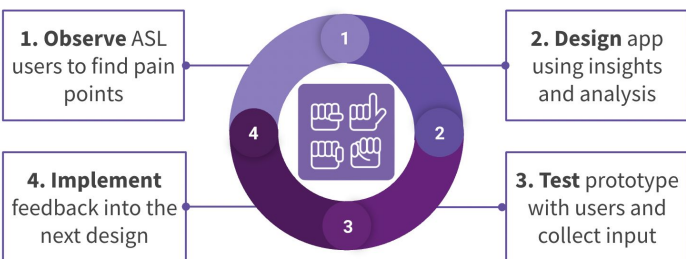


Reaching Out to the ASL Community

"As a native deaf speaker, sometimes I wish phone calls had automatic transcripts or closed captioning so I could read what was said if I was in a noisy environment, which is common."

- Native Signer (ASL User Survey, December 2022)

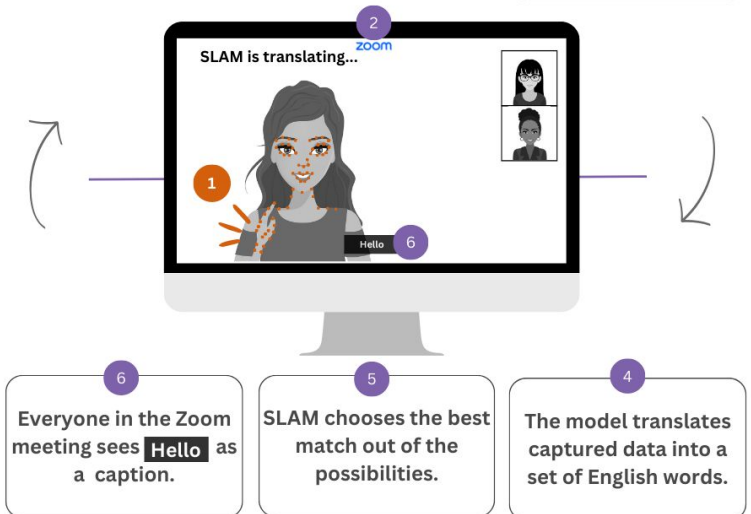
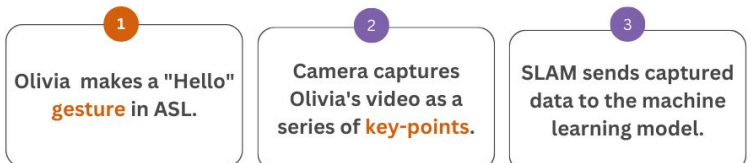
Human-Centered Design Approach



Solution: Sign Language Assistant for Meetings (SLAM)

- Zoom app that can be installed through the apps marketplace
- Real-time translation of ASL into English text captions
- Automatic no-cost alternative

User Interface



Application Logic