

POV 1

We interviewed Michael who is a previous Stanford student. We were amazed to realize that he couldn't easily access digital documents in class. It would be game changing if we could help visually impaired people access written formats on their phones.

HMWs

How might we...

- **reading documents easier for the visually impaired**
- **use other senses to make mobile phones more accessible**
- **design from scratch for visual impairment**
- make other people empathize with learning while visually impaired
- view data in different ways
- use a mobile phone to complement a white cane
- make accessibility tech enjoyable to use
- create a better way for visually impaired people to search on their phones
- find accessibility applications for visually impaired people
- force apple to build a system for the visually impaired
- control the phone using our minds

POV 2

We interviewed Zina who is a hearing-impaired college student. We were amazed to realize that hearing accessibility technology detracted from the social experience of hearing-impaired students in education. It would be game changing if we could make hearing accessibility technology more palatable to its users.

HMWs

How might we...

- **visualize emotion**
- **capture and portray a social atmosphere through a visual format**
- **translate American Sign Language into different sign languages**
- make it possible for them to experience lectures as others without hearing impairment would
- make it possible for them to control the volume of their surroundings (for those that aren't completely hearing impaired)
- make their driving experience safe (since they can't hear sudden happenings within their surroundings)
- give them a way to understand what is going on in a room (with regards to hearing)
- use their sense of sight to compensate for their lack of hearing during class

- make them comfortable not being able to hear instead of continuously longing to hear
- make the technology used by the hearing impaired unnoticeable and less of a distraction

POV 3

We met Chris who is a previous high and middle school teacher, and a current PhD student. We were amazed to realize that the social aspect of the education process is as important as teaching. It would be a game changer if we can make disabled students and minorities feel that they fit in the school.

HMWs

How might we...

- **Create a positive digital social sphere**
- **Use crowdsourcing to make university students feel more welcome**
- **Help them get engaged in the classroom**
- Encourage them to talk about their disabilities without feeling uncomfortable
- Make other people empathize and understand their struggle
- Make them feel they are at home