We at TechHundred people assistive technology can help them overcome their disability and make it easier for the disabled person to lead a normal life by integrating them more into the society.

TechHundred:

Assumptions:

* People who are mute
* Blind people or people who cannot walk and cannot see.
* Deaf/ Has hearing problem.

Idea #1

Translate ASL (American sign language) to text/audio using computer vision.

Idea #2

For a blind person walking/on a wheelchair the software warns the user by making noise in case of potential danger. or helps the user to navigate better by giving direction.

Idea #3

1. Show icons on the computer screen instead of sound.
2. Hearing loss: Gives the user the ability to talk to someone over phone. The person suffering from hearing loss can speak with his own voice and the answer from the sender will be translated to text which the disability person can hear.

Web Application: Tech Stack [Python, Python + Flask]

Task #1

* American sign language to Alphabets
* Parse the text to speech