

Blind - cannot see the world

#### Features

- OKU parking place (retain rights)
- Detect expression of the person in front of you and translate it to the OKU
- Detect the distance between u and the person
- Detect obstacle in front of the Blind oku
- Detect car plate when request for uber
- Detect family or friends
- Detect suspicious people/ strangers

#### Emotion

- Neutral
- Sadness
- Disgust
- Anger
- Surprise
- Fear
- Happiness

<https://www.engadget.com/2015/05/08/xplor-facial-recognition-cane/>

<http://www.sciencedirect.com/science/article/pii/S0969476515300898?via%3Dihub>

[https://www.researchgate.net/profile/Rammohan\\_Mallipeddi/publication/286331302\\_Smart\\_Cane\\_Face\\_Recognition\\_System\\_for\\_Blind/links/5667e32b08ae8905db8bcd2/Smart-Cane-Face-Recognition-System-for-Blind.pdf](https://www.researchgate.net/profile/Rammohan_Mallipeddi/publication/286331302_Smart_Cane_Face_Recognition_System_for_Blind/links/5667e32b08ae8905db8bcd2/Smart-Cane-Face-Recognition-System-for-Blind.pdf)

Before I start, may i ask you to close your eyes for a few sec. Imagine this: you as a blind people and someone approaches you, will you feel insecure as they might be strangers or people with bad intentions? OR when you're in a conversations, do you hope to know every single facial expressions they showed, to prevent misunderstanding? Do you feel afraid, lonely because you can't see anyone or even frustrated because you can't do things independently? Well, lucky for us, we only needed to experience this kind of situation temporarily, but for some unlucky ones, they would need to be in this situation for a lifetime. According to WHO, there are 36 MILLION people are blind worldwide.

Today, we'll like to propose our solution called My Vision as it can act as the eyes of the blinds to identify who they are talking to, allowing them to notice people around them through face recognition. It can also detect the emotions of the people they are talking to so that they can connect with their friends and/ family more easily. Lastly, it can also be integrated with vehicle recognition, for instance, the application can help user to identify the right uber car through its car number plate.

We hope that, through myVision, can help the blind to experience the real world.

- Things that until seemed simple became almost impossible to be done
- The camera - a small window to the world

Our mision to provide vision