Revised Pitch

Ladies and gentlemen we have the opportunity to make a difference in the life of an individual who wishes to make the most of what he/she has.

But for the one billion disabled people , of which 285 million partially or completely impaired people , it might seem impossible at first. Because their lack of sight is their biggest obstacle but I can guarantee you, that after today’s presentation they’ll be among that lot of individuals that have no worries and feel no different.

Our vision is to enable the light of tomorrow. To allow them to SEE with their ears and mouth.

Ladies and gentlemen, we present to you PolyGon .

We have made a pair of Glasses, which are capable of taking in visual information with our camera module, converting it into audio information with help of our software and then presenting it to the user with the help of a earpiece.

Which brings to how we achieve it.

Now typically an image classifier would identify an object by from its picture, but we’ve taken it to the next level by making it identify objects in real time with the help of our real time object classifier.

With this we decided to add an additional component of Machine learning

Because we wanted to make this more personalized, it can identify and assign keywords to faces and personal belongings if you ask it do so, for example a box of medicine will be identified as a ,box however we aim to achieve a point in this project where the camera can make a virtual object, cloning the colour and text on the box which can be named so the next time the classifier comes across the same box of medicine it will recognize it as a box of crocin or anything other thing that you have named it …. And the same process can be applied to human faces. And this plays a vital role when we talk about medication for the older generation, or security for the young.

Ladies and Gentlemen allow me to introduce you to TIM, who is tim you may ask. it’s your very own virtual assistant controlled by your voice which can be reprogrammed accordingly to match the needs of the visually impaired and to incorporate all the features that we mentioned before. It is essentially the very tool that holds together everything we have to offer, and to put it forward to the user in the simplest way imaginable.

Now our GPS can’t be used indoors and that’s why we’re creating indoor mapping, so you can tell Tim to learn, your, house. As you roam around the room, you can get it to constantly click pictures and feed the data to our processing unit , which would then make a rough 3d map on its server. This will allow tim to count the exact number of steps and directions required to go from your bedroom to your kitchen.

We have on an about 6 competitors around the world including oxsight , Nu-eyes , Be my eye, Blindsquare, Esight and orcam. However , we have an upper hand over each and everyone of them in one way or the other.

Our Business model is as follows:

Our Costumer segments include Partially to completely visually impaired

As our Value proposition, we satisfy psychological , emotional and physical needs of our customers in order to keep them integrated into the society

Our Channels are online business and Sell it through support groups and Ngo’s

Our Key resources include Human resources and Processing chips and camera modules

Our Key Partners are opthalmologists , NGO’s and support groups

This project is the result of the hard work of four team members namely Abhijeet Avhale , Bijal Vaza and Narayan Joshi and myself, Vraj Rajpura.

In the end we’re taking away that dependency on a walking stick or person and allowing them to not just survive but flourish with the vision of tommorow