# (0) <br> SENSE+ <br> $.: \because \because: \because \quad . \because: .:$ <br> sense-plus.com 

## A Bright Ally <br> For the Visually Impaired




## Use

## smartphones

 everyday

## Computer Vision

## Comprehensive Online Information

## Computer Vision

Functions


## See Cash





## Read Text

Read books for amblyopia children


Scan Barcode
Get more details about goods



## Personalized

Friends


Belongings



# Offline, <br> Real-time and Self-learning 

## How Does It Work?



Image Processing and Object Detection

$\oplus$ Microsoft Cognitive APIs TensorFlow


Online Information and UX


Microsoft Language
Understanding Intelligent Service

Online Information APIs, Bing Search

iOS CoreML

Business Model

# Premium Version: Comprehensive Online Information 

## Free Version: Computer Vision

## Target Market: Hong Kong \& Mainland China

Number of Visually Impaired People

## 174,800+ <br> Hong Kong <br> 13,000,000+ <br> Mainland China



## Target Users

## Sponsorships



Visually Impaired


Elders with eye diseases

Amblyopia children


NGOs


Manufacturers of Assistive Tools

## SENSE+ Team



MA Mingyu Derek


WANG Shi Nona


## CHANG Shuhao Constan

## Tech + Design + Business



- AI
- Natural Language Processing
- Computer Vision
- Hardware
- Design
- Cloud
- Marketing


#  CCTV. 明标 

Champion of PolyU Smart Computing Competition

Team Formed

Champion of Microsoft Imagine
InnoCarnival Showcase

Interviewed by ViuTV

Cup 2017 Hong Kong Region

- Microsoft Imagine Cup ${ }^{*}$

Innovation \& Tech

Commercial Feasibility

## Team Capability

## Social Impact

AI (Computer Vision, Language Understanding, Offline image processing, self-learning)

Large market (Visually impaired, Elderly with eye diseases, amblyopia children, etc.) Sponsorship

Background (Tech + Design +Business)
Awards
Media coverage

Care visually impaired Improve their life quality


# Smart and Nice Ally 

