



TEDY MAKEATHON 2018 GROUP 2

Team members

HAI Ting Wai, Will, Hardware

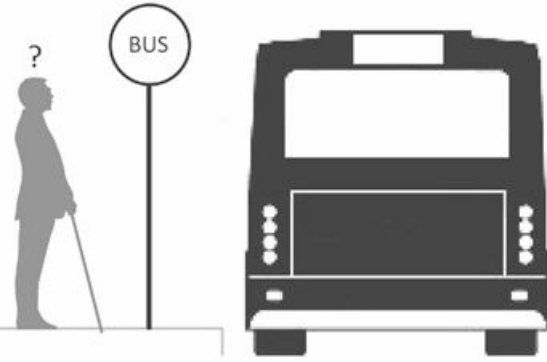
HUI Kam Leung, KL, Software & Hardware

KUNG Cheuk Ying, Angel, Business

LI Wanrong, Vero, Design

SUNG Hiu Tung, Theresa, Business

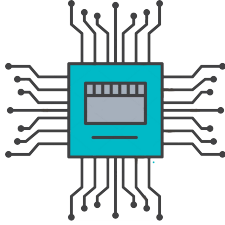
Bus signalling and the visually impaired



How are they tackling this?



How to solve this?



Hardware



Difficult to carry



iBeacon



Low-price iBeacon
is not accurate



Mobile app



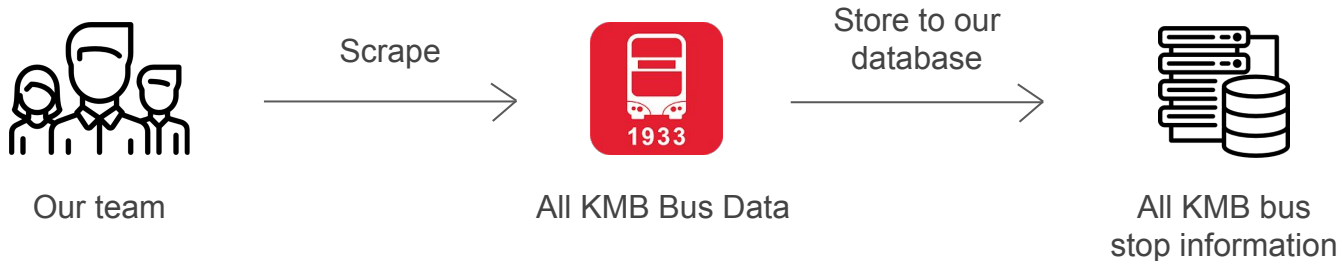
Existing KMB app is not
designed for VIP

We can provide a new mobile solution for them.

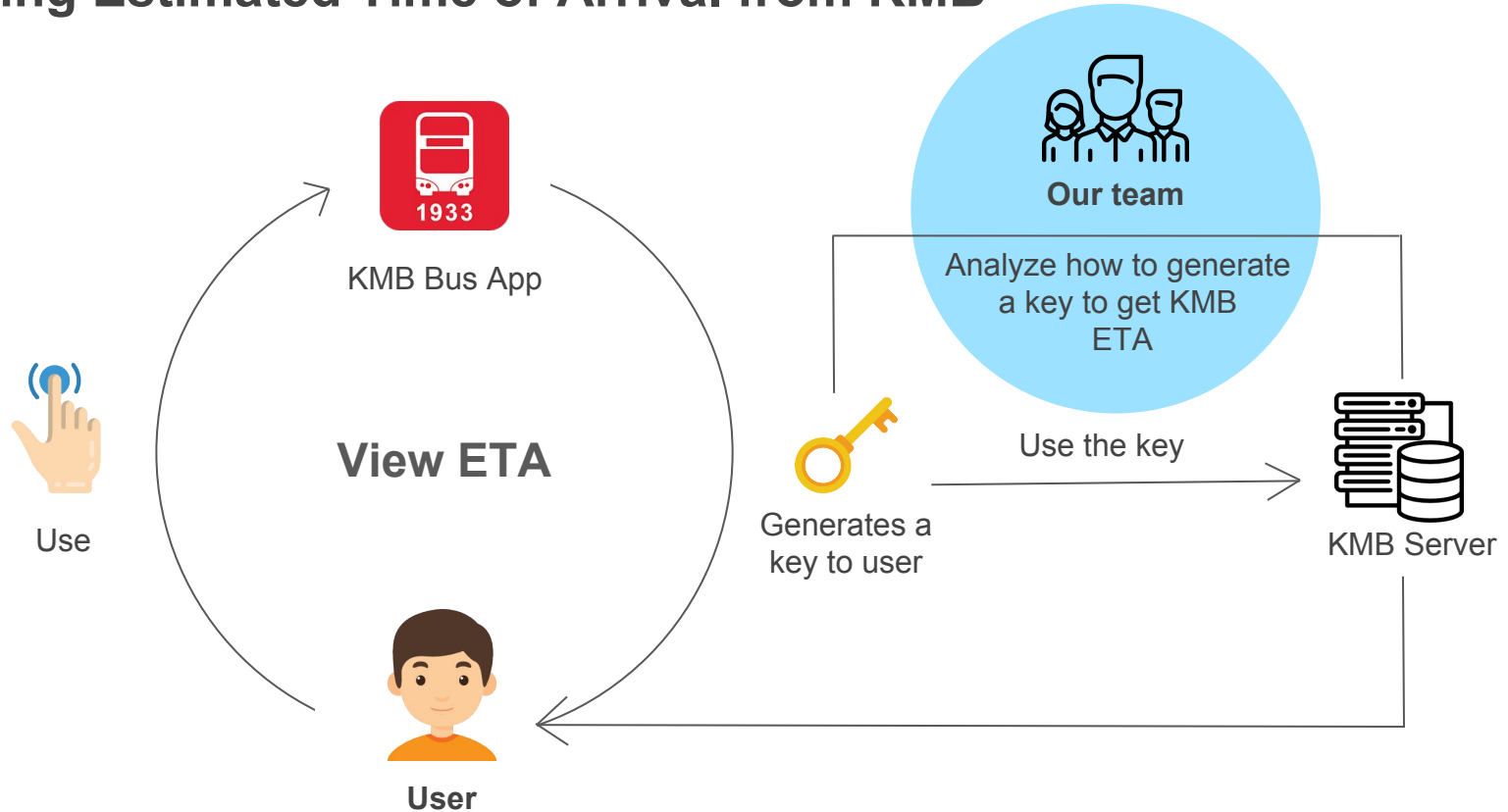
What's the essential element that makes our app more user-friendly than the existing KMB app is?

“Data”

Getting bus stop information with web scraper technique



Getting Estimated Time of Arrival from KMB



Our tailored solution for VIPs



Best user experience



More accurate ETA



Display bus number

Best user experience



Voice Over



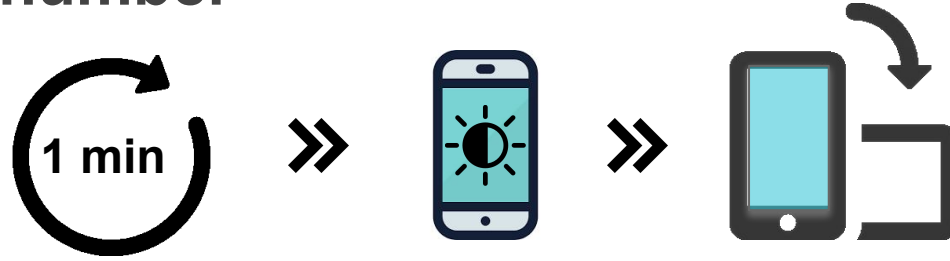
Touch response
+
Speech recognition



More accurate Estimated Time of Arrival (ETA)



Display bus number

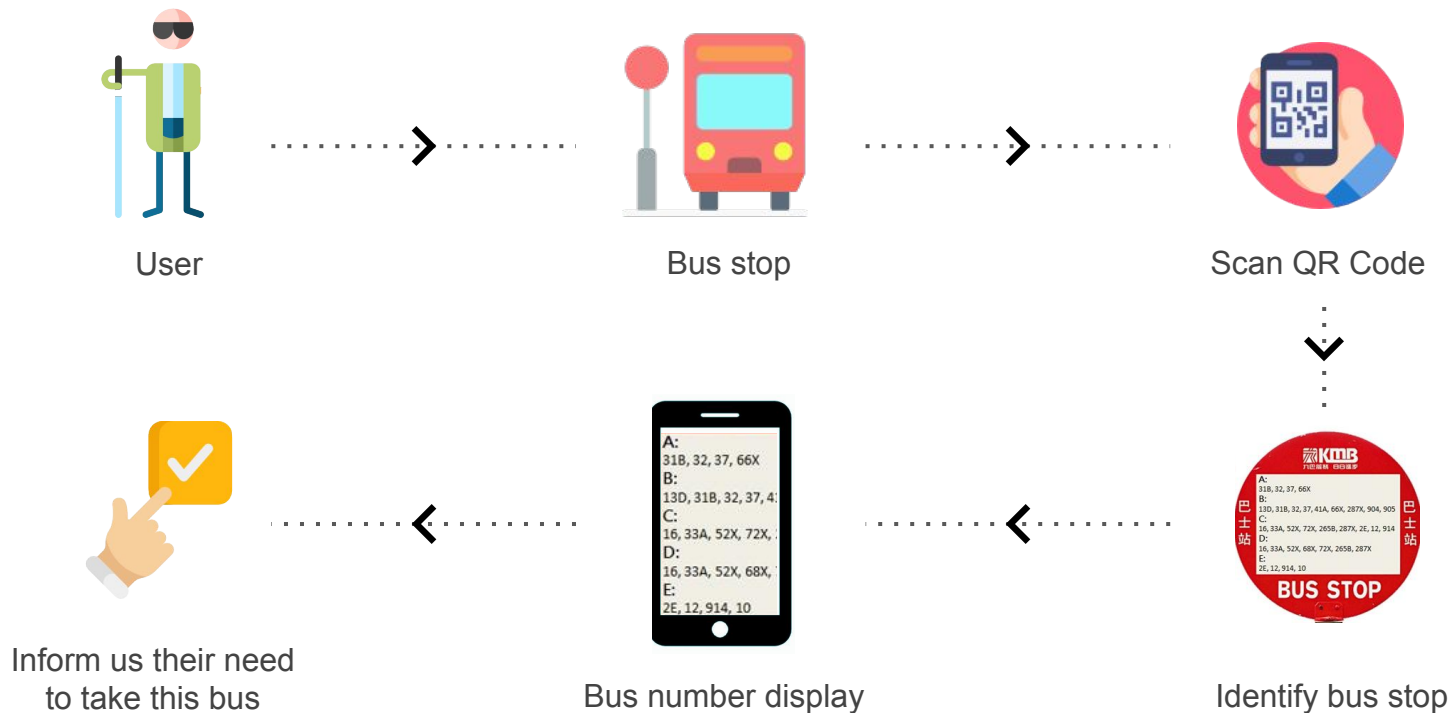


Automatically show the bus number when
bus will arrive less than 1 minute later

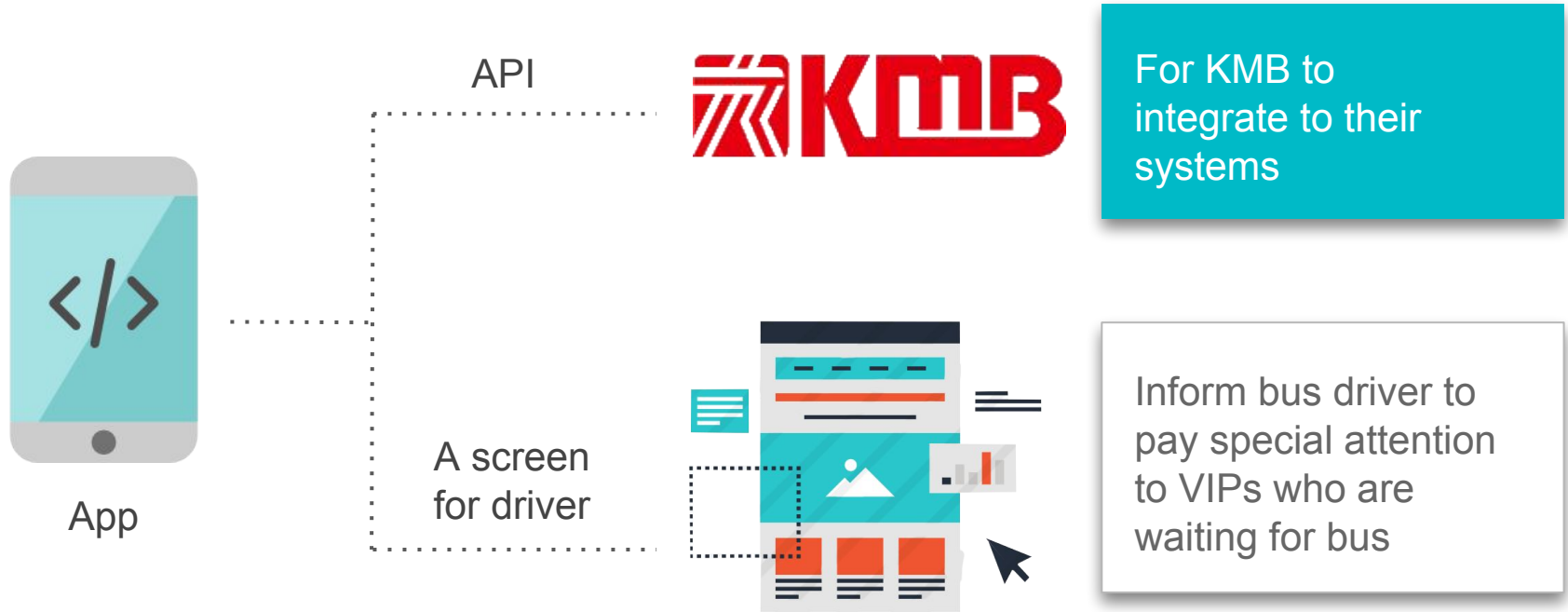


What next?

Scan QR code to view stop info, receive users' data

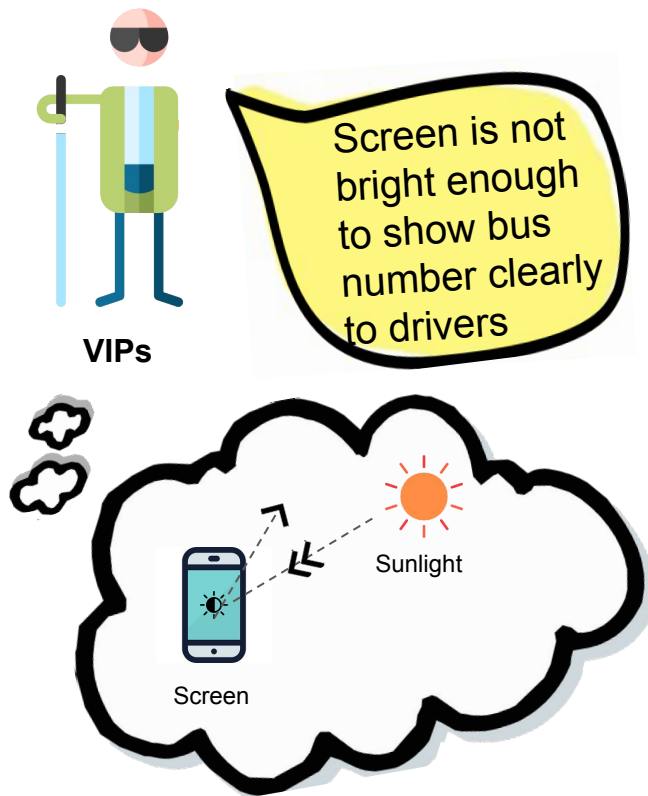


What do we offer?

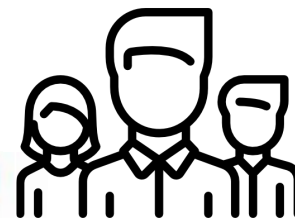


What next?

Continuous effort on hardware



- Tests prove that it is not an issue
- Can use cover as a temporary solution
- Will continue to work on hardware solutions



Our team

Timeline

3 to 5 Months

- Support Voice Over perfectly
- Complete the business logic for the app

3 to 6 Months

- Support scanning QR code to get bus stop information
- Support notifying where stops have VIPs

Continue working on hardware solution