

CLICK WHEEL

Free up a hand with click wheel

15108307g	WU Meimei
15114254g	LI Liwei
15114468g	WU Hao
15114735g	ARAT Nur Saba
15115076g	SHEN Jiawen

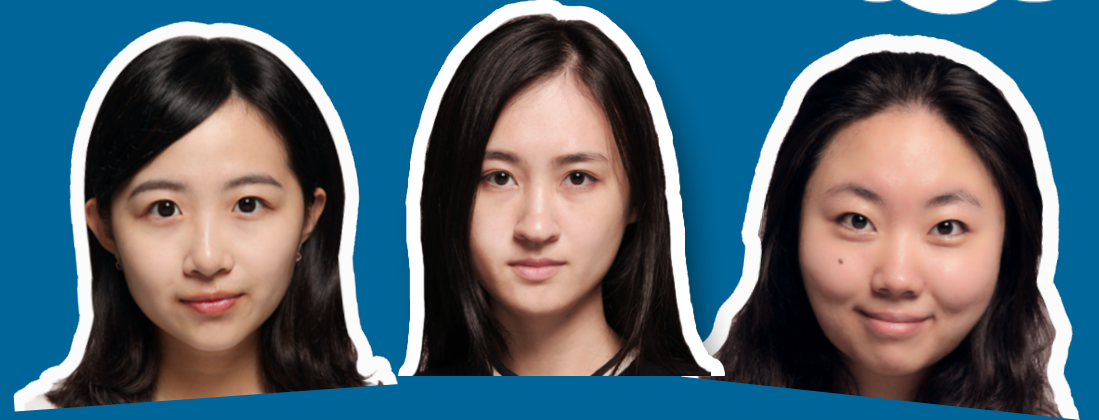
GROUP MEMBER



WU Hao



ARAT Nur Saba

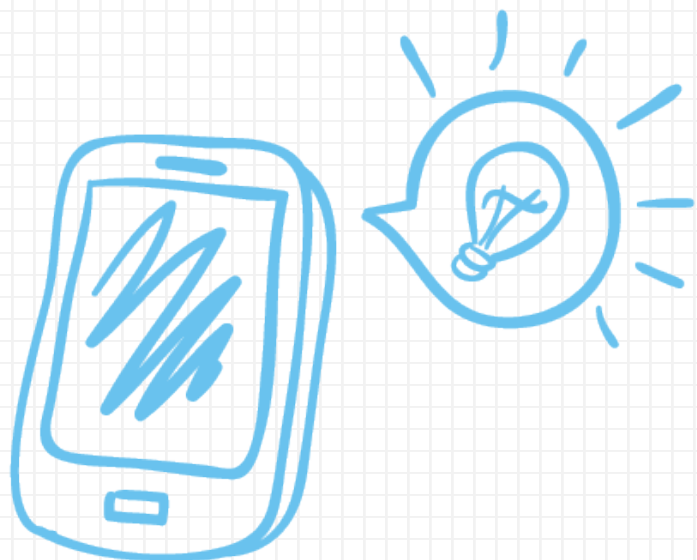


LI Liwei

SHEN Jiawen

WU Meimei

Aims



Touch Screen Devices

We decided to focus on enhancing the accessibility of touch screen devices for VI.

Mobile Devices

We located common problems that VI people face using mobile devices.

Easy to Use

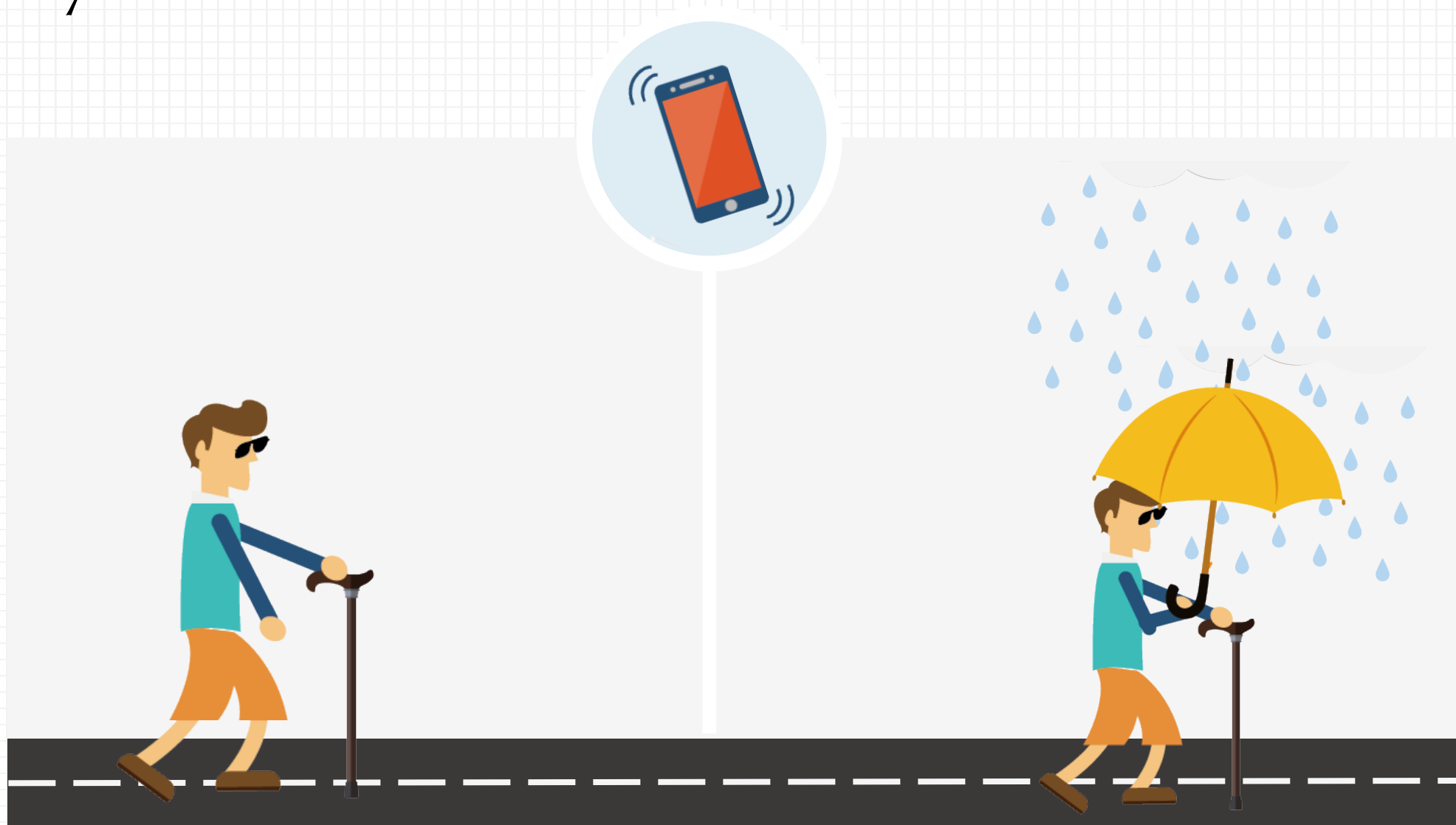
We aimed to create a product which can help VI to get an easy access to the features of mobile devices.

■ Target Audience & Stakeholder

*Visually Impaired
people*



■ Why we do this?



■ Difficult to Use Voiceover

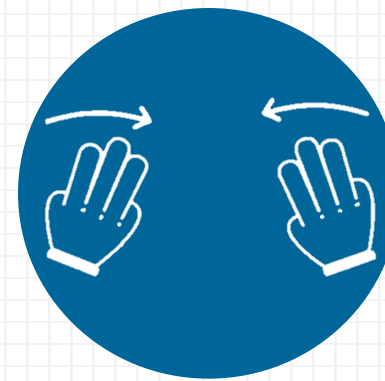
All of these function need more than two fingers



Item Chooser



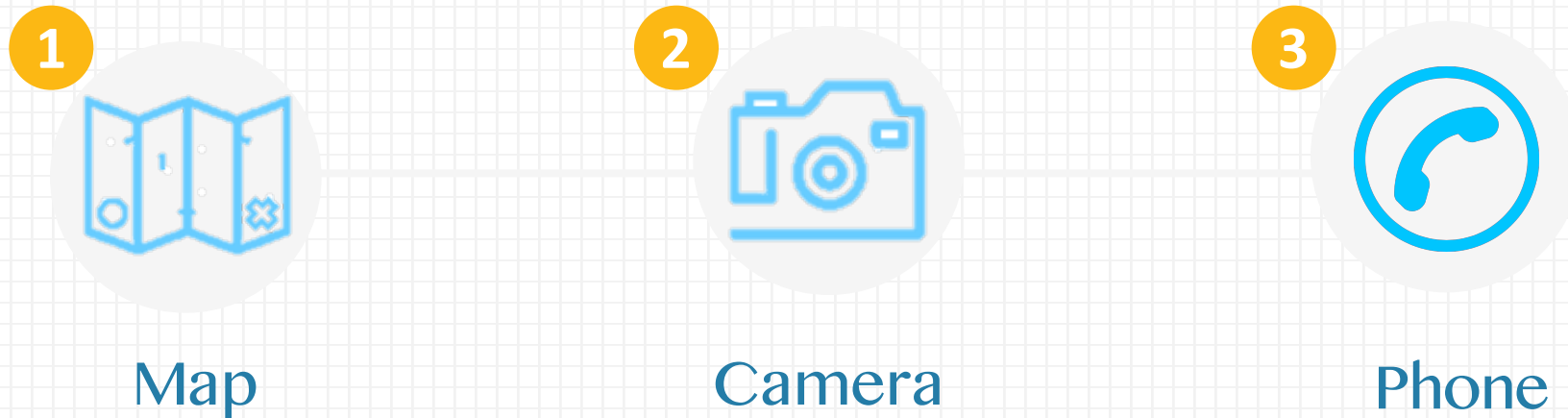
Change Page



Rotor

Needs

“Free one hand and use voice over convenient”



Final Design



Wheel:

rotate clockwise
rotate & anticlockwise

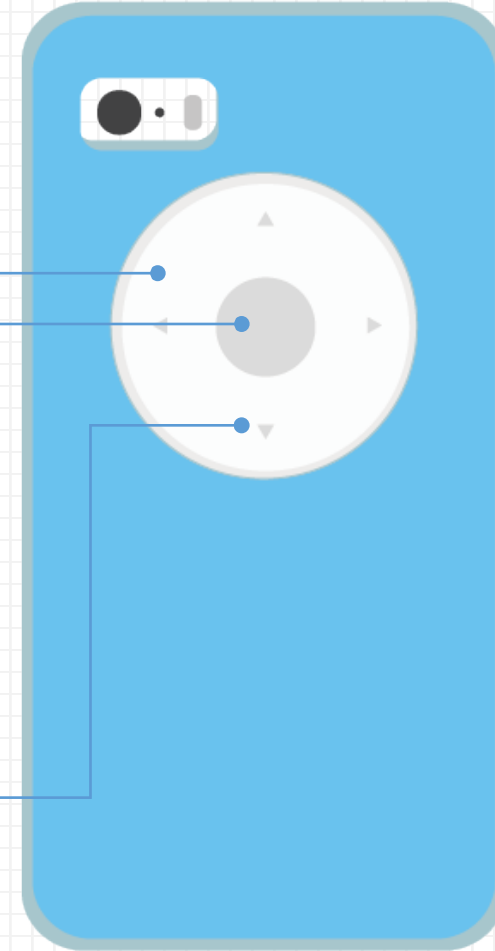
Main button:

Click 1, 2, 3 times
Hold for 2 seconds

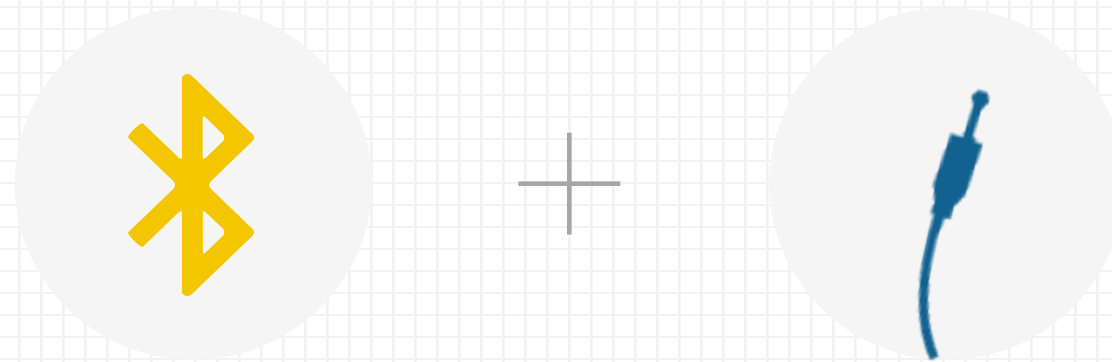


4 Direction buttons:

Click 1, 2, 3, times
Hold for 3 seconds

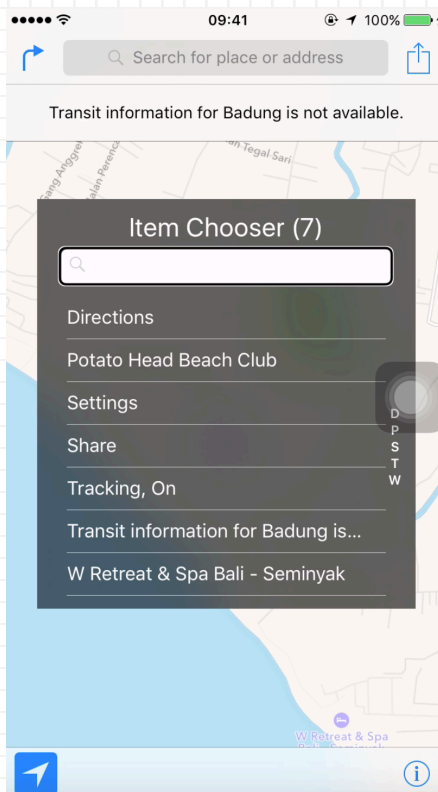


Final Design



“Connect by Bluetooth or Headphone Jack”

How to Use



1



Main button
Click 3 times to open
Item Chooser

2



Wheel
chose from the list

3



Main button
Click 1 time to chose
the item

Values

*We design this product for
VI & Disabled people but it also can used by normal group.*

(Take bus or MTR, one hand hold the handrail)



Click Wheel

Free up a hand with click wheel

Thank you!

Q&A