How can I express myself?
I wish my voice could be heard

Who are they?

Mutism

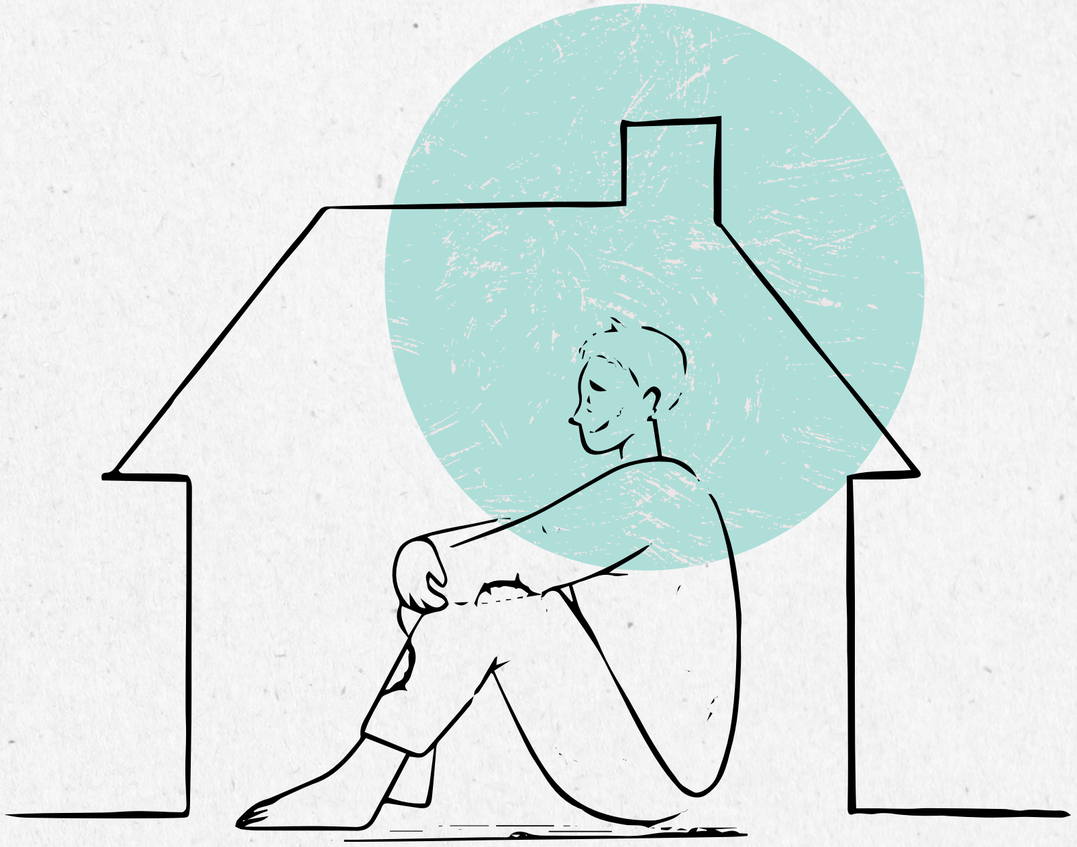
Inability to speak due to physical, functional, or psychological causes, posing communication challenges in various aspects of life.

Selective Mutism

An anxiety disorder where a person is unable to speak in certain social situations, such as with classmates at school or to relatives they do not see very often.

Let’s remove the wall:

Now You Hear Me



About Us

Our solution involves developing a personalised speech system accessible on gadgets with text input and speaker support.

Presented by

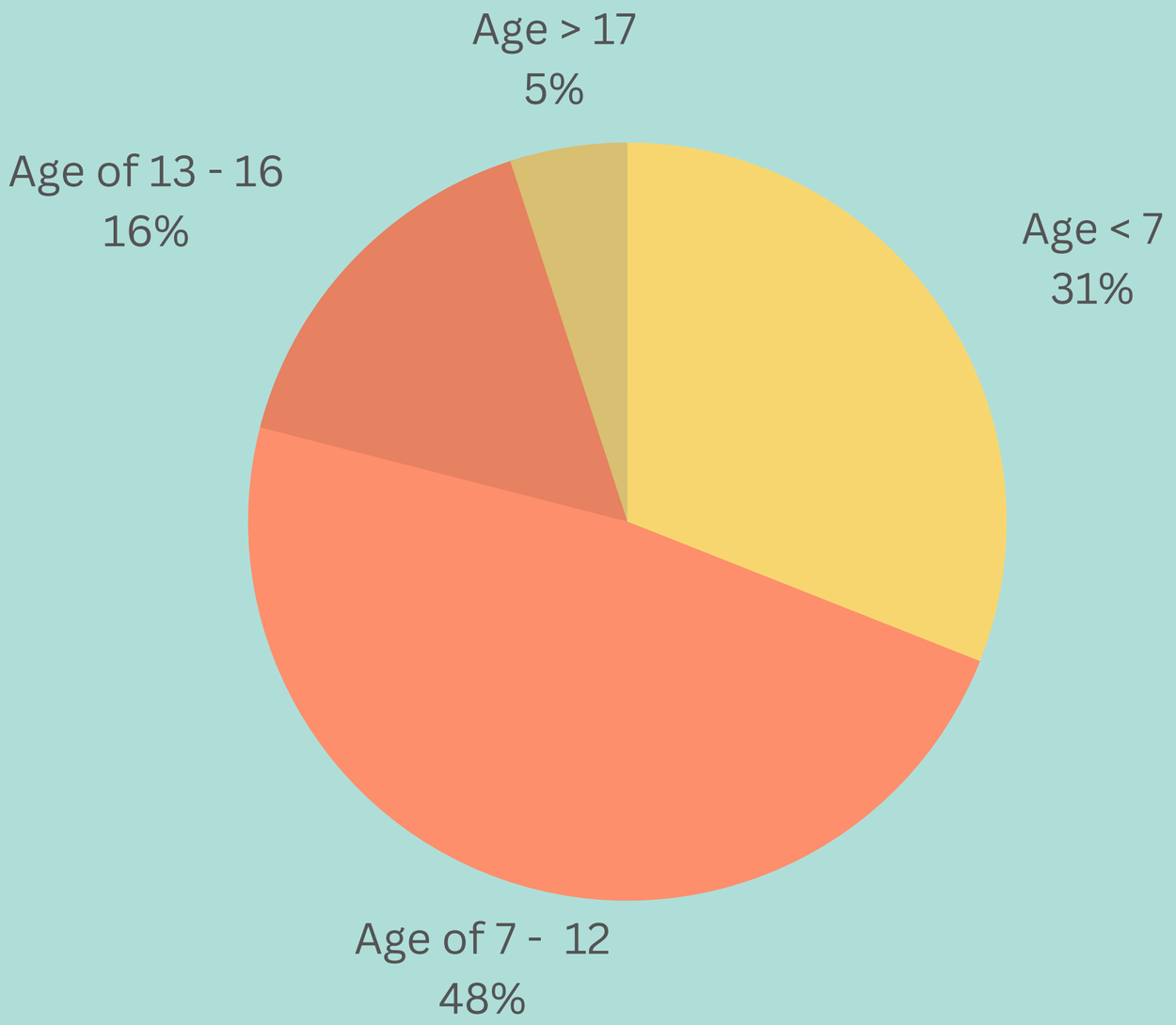
Richard

Sally

Dickson

64%

of those between 7 to 16 are diagnosed with mutism or selective mutism

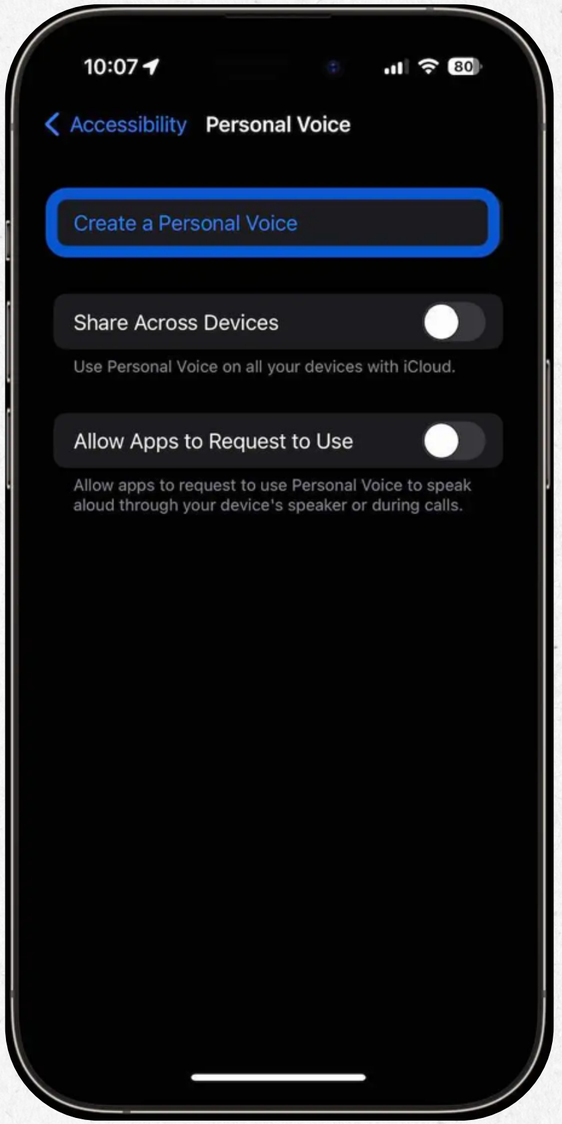


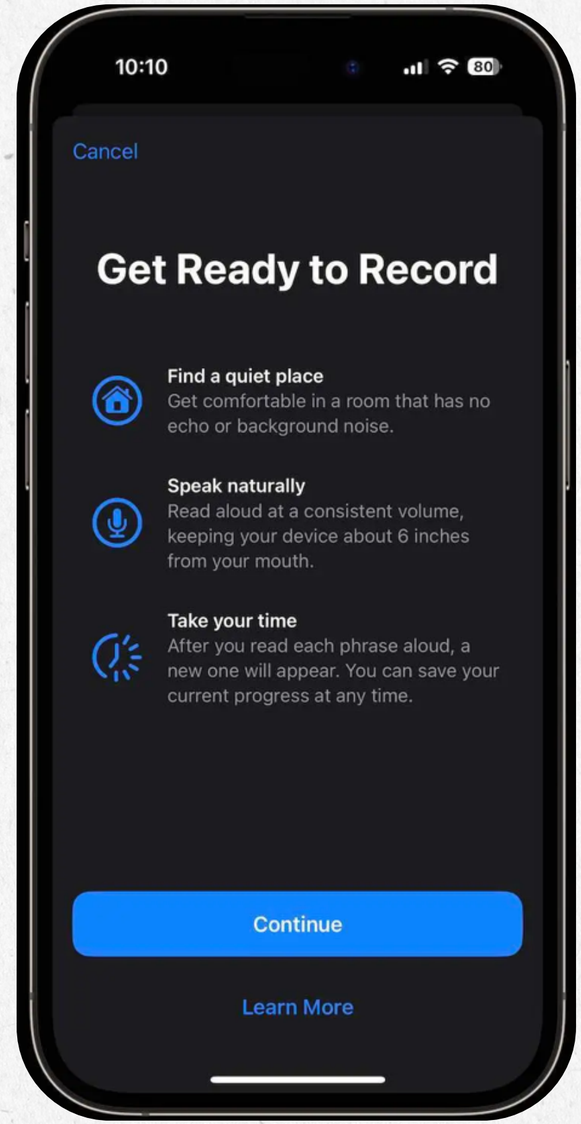
Source: Ministry of Health, 2021

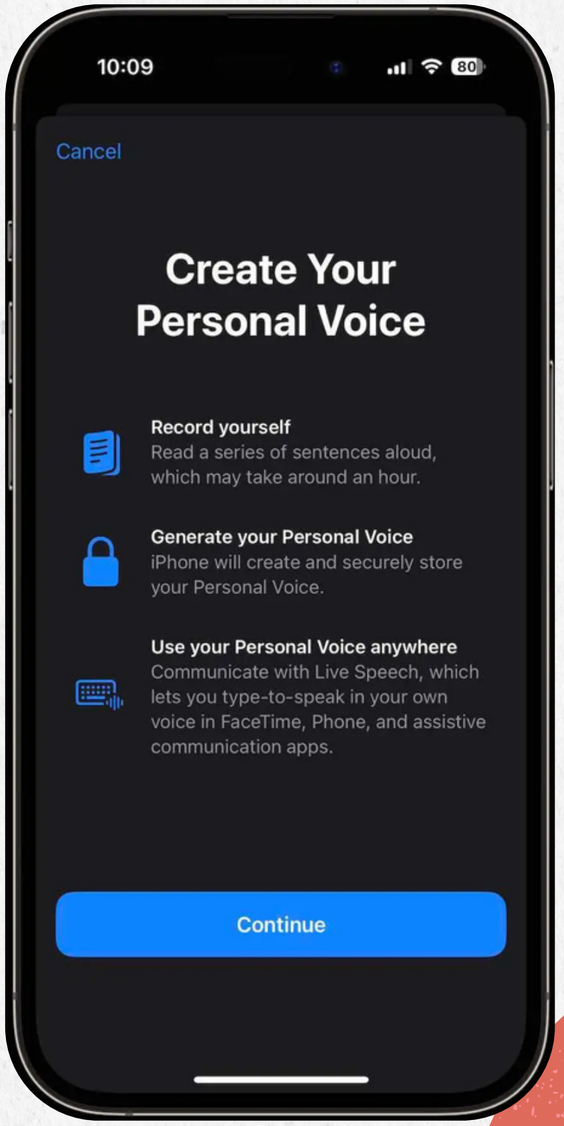
Prototype

Now You Hear Me
Select your voice
Select your voice
Siri
Bixby
Male
Female
Select Output Speed:
Slow
Average
Fast
Enter text..
Output Ready!

Our Product


10:07
Accessibility
Personal Voice
Create a Personal Voice
Share Across Devices
Use Personal Voice on all your devices with iCloud.
Allow Apps to Request to Use
Allow apps to request to use Personal Voice to speak aloud through your device's speaker or during calls.


10:10
Cancel
Get Ready to Record
Find a quiet place
Get comfortable in a room that has no echo or background noise.
Speak naturally
Read aloud at a consistent volume, keeping your device about 6 inches from your mouth.
Take your time
After you read each phrase aloud, a new one will appear. You can save your current progress at any time.
Continue
Learn More


10:09
Cancel
Create Your Personal Voice
Record yourself
Read a series of sentences aloud, which may take around an hour.
Generate your Personal Voice
iPhone will create and securely store your Personal Voice.
Use your Personal Voice anywhere
Communicate with Live Speech, which lets you type-to-speak in your own voice in FaceTime, Phone, and assistive communication apps.
Continue

Challenges

01

Dataset

02

Word Recognition

03

Singlish voice data

Road Map

1

Selection & Development of Text to Speech Model

2

Testing & Validation

3

Localisation of Model

4

Usability Testing

5

Final Iterations

6

Public Launch

Future Development

01

Dialect Integration

02

Account System

03

Condense Model

It is a step towards a more inclusive and technologically advanced society where individuals with disabilities can fully participate and thrive.

Thank you very much!