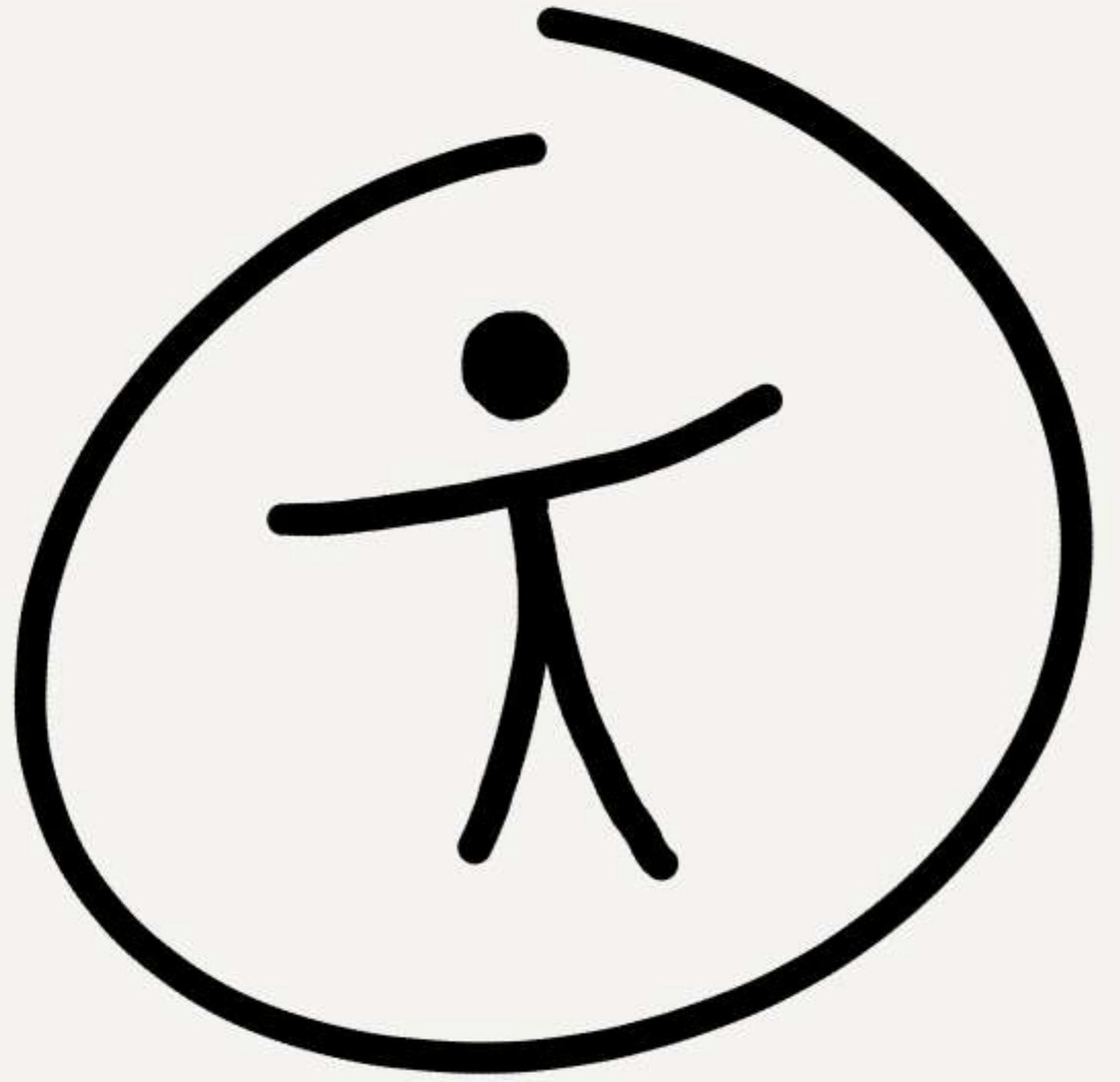


Accessibility

People should feel like  
you design with them in mind

- WWDC 2021



# Accessibility

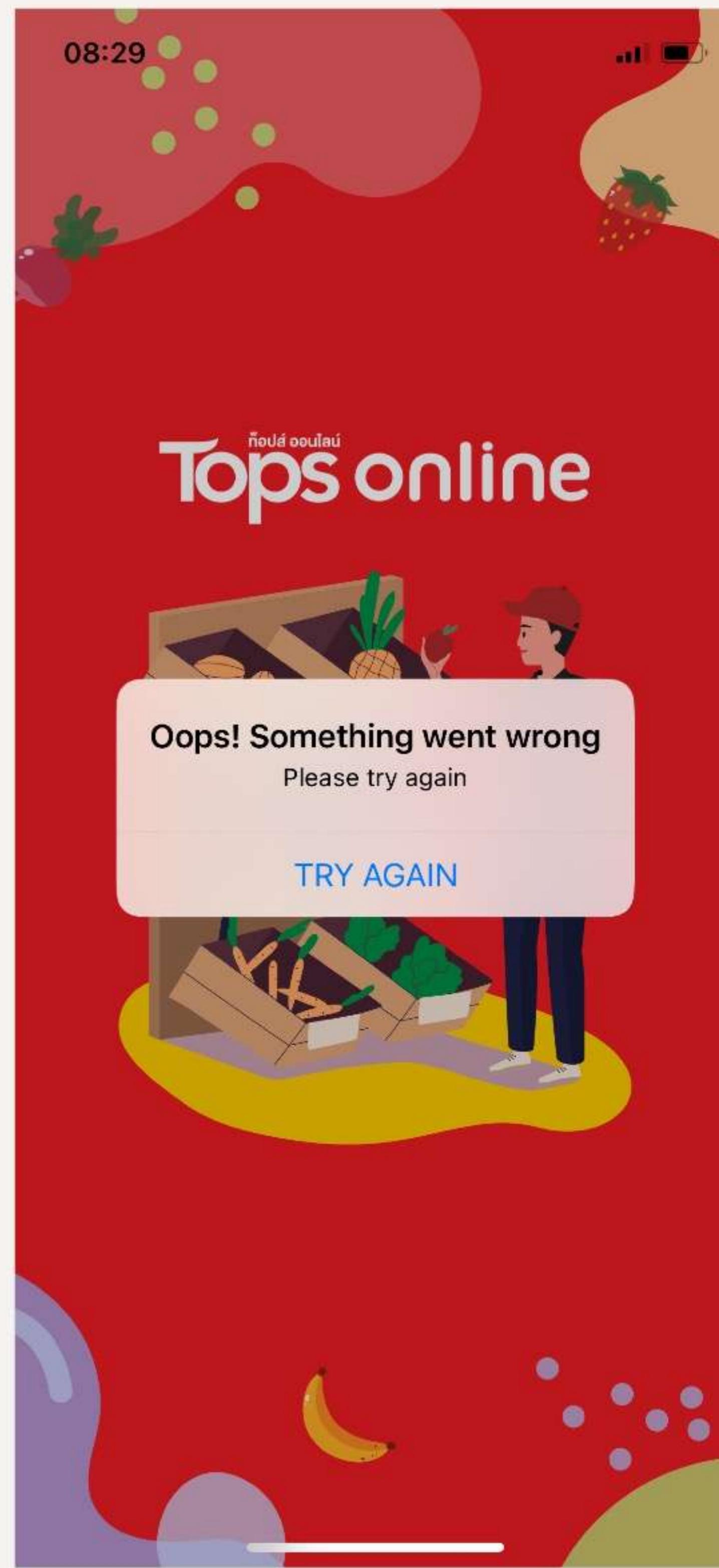
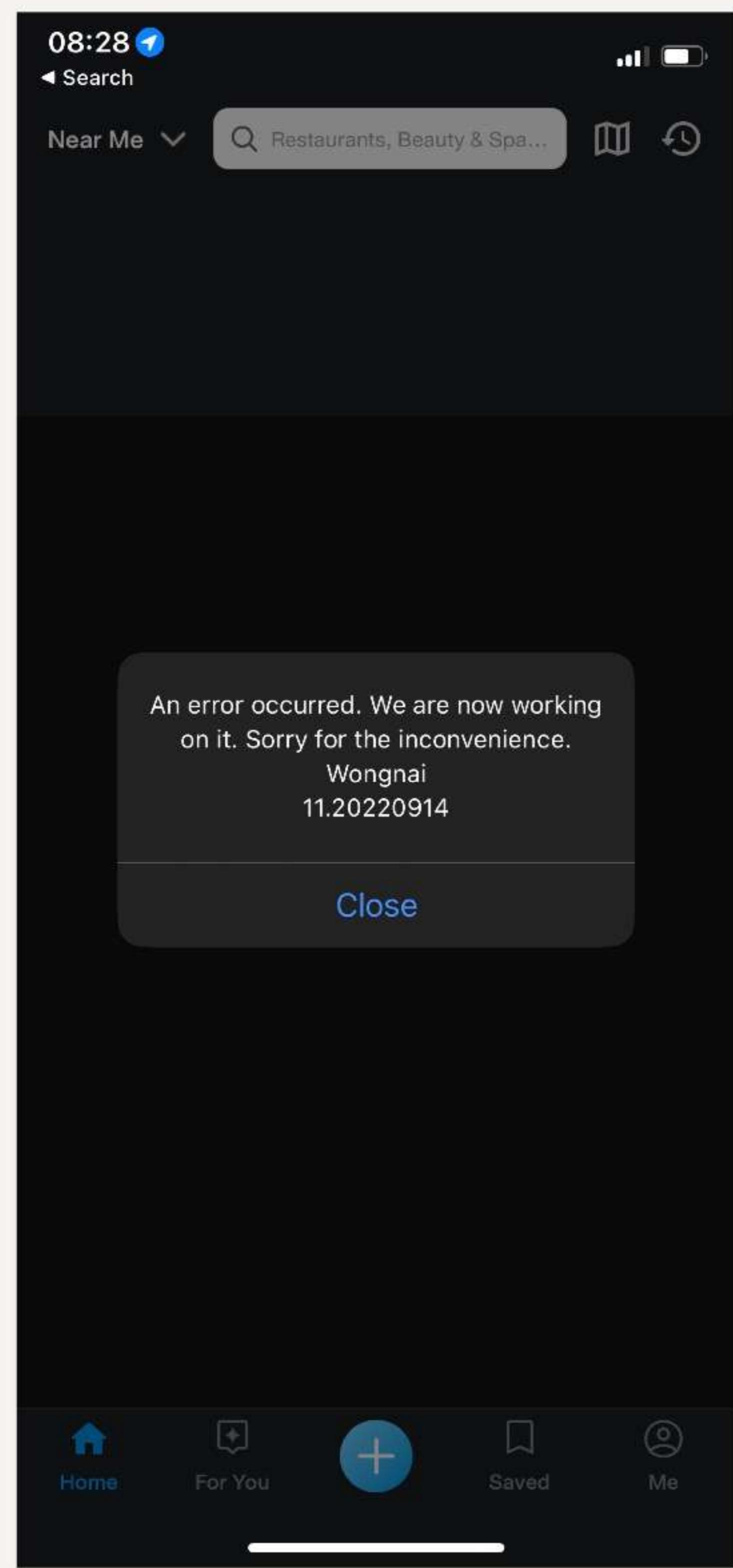
⚡ Offline First

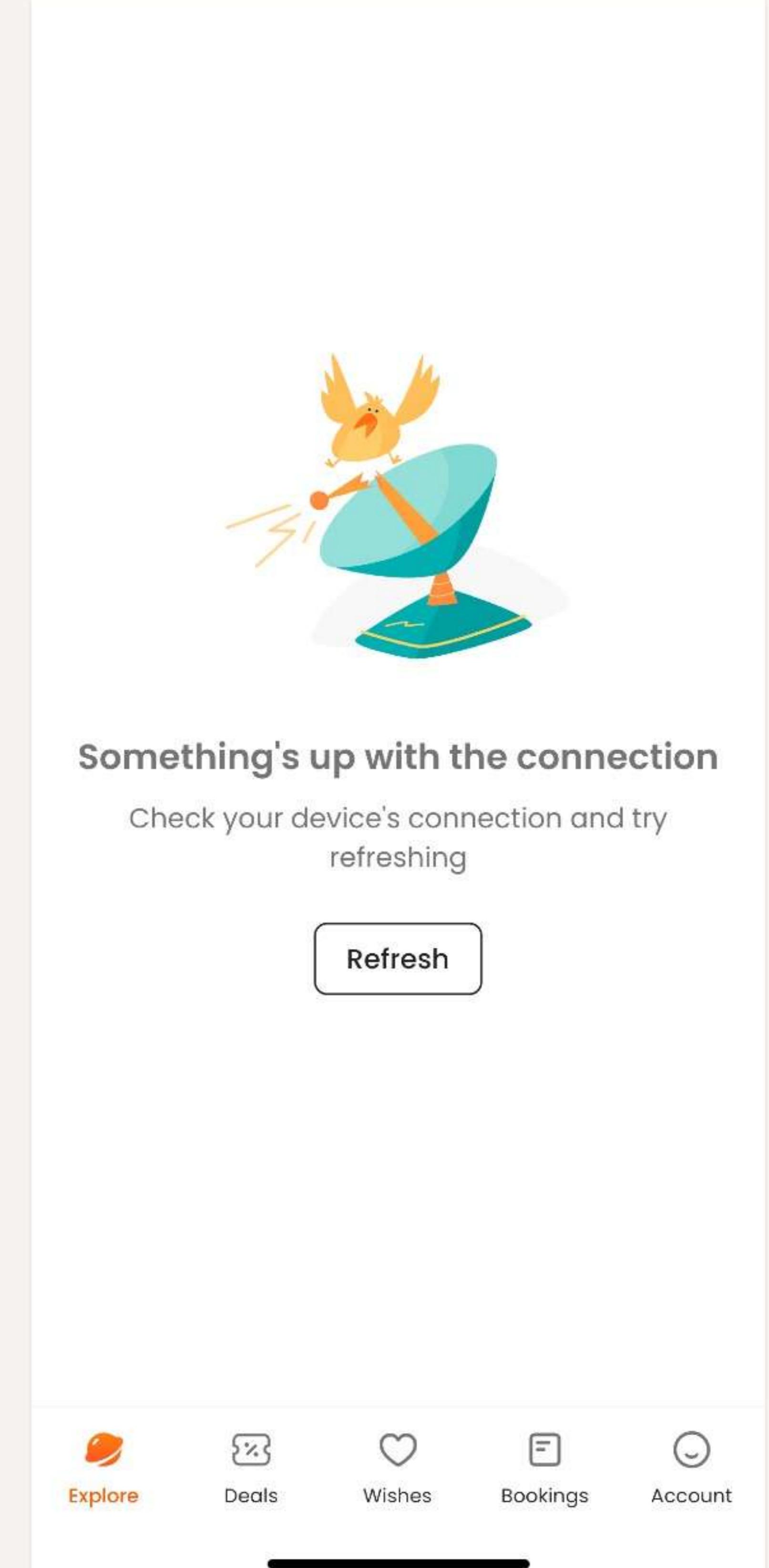
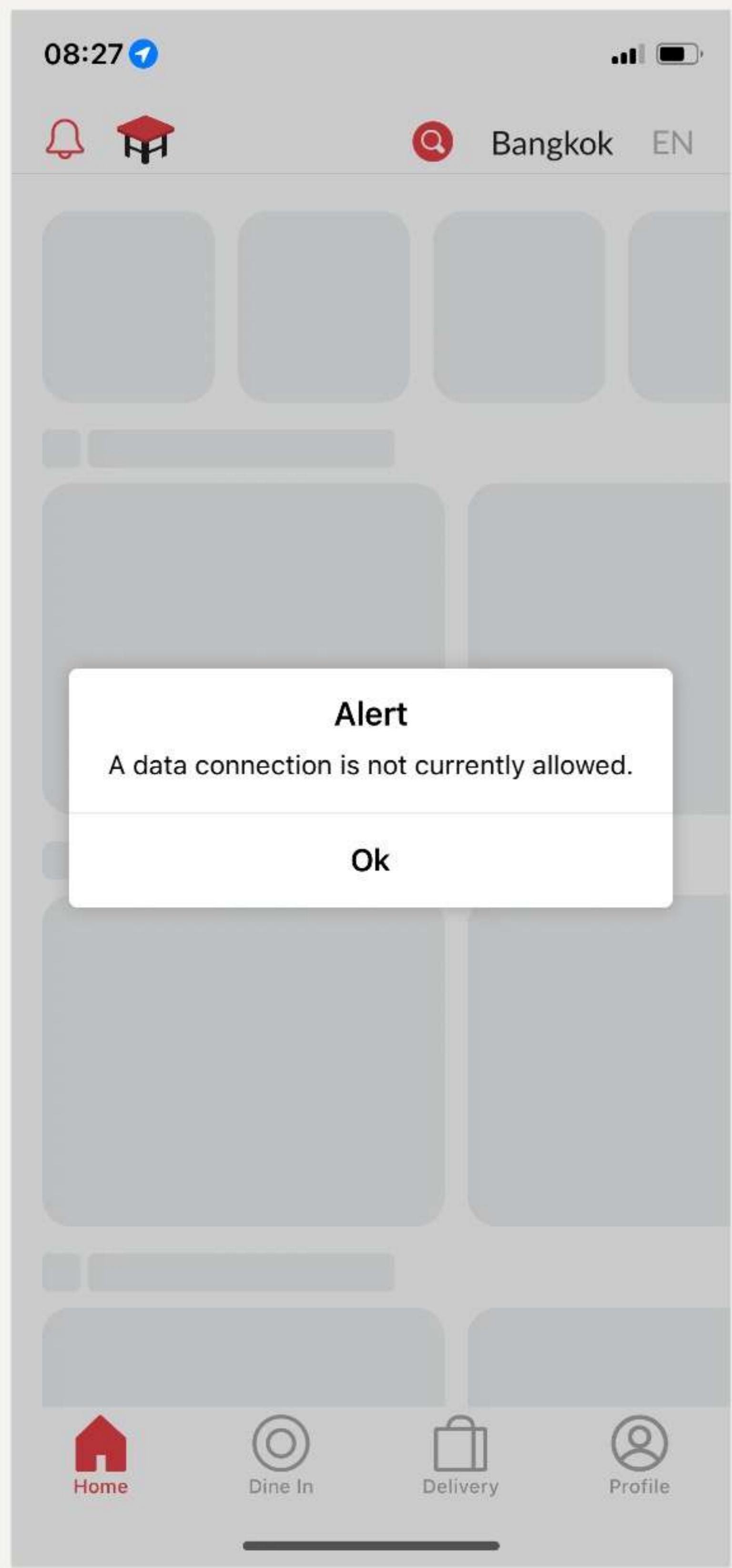
👁️ Color Contrast

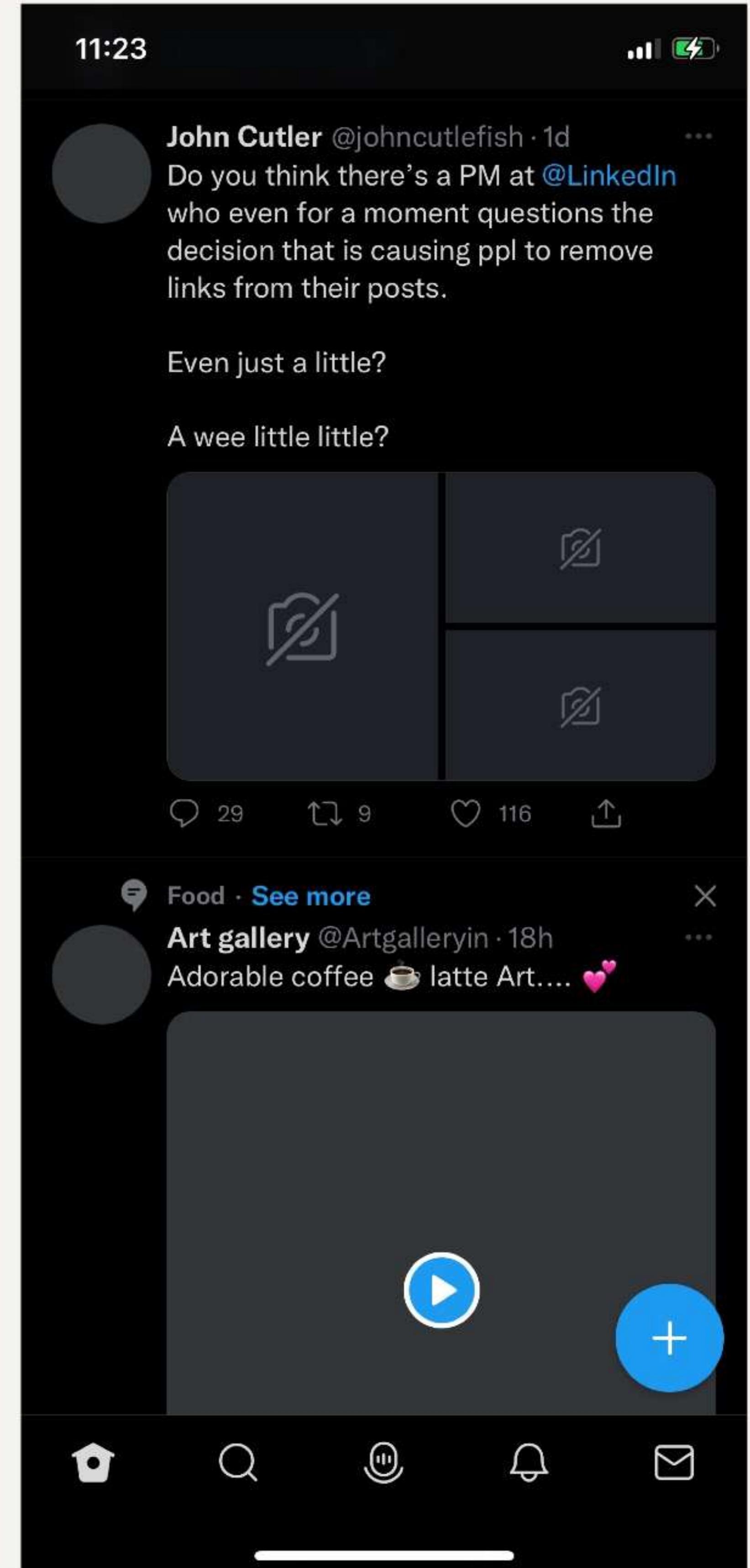
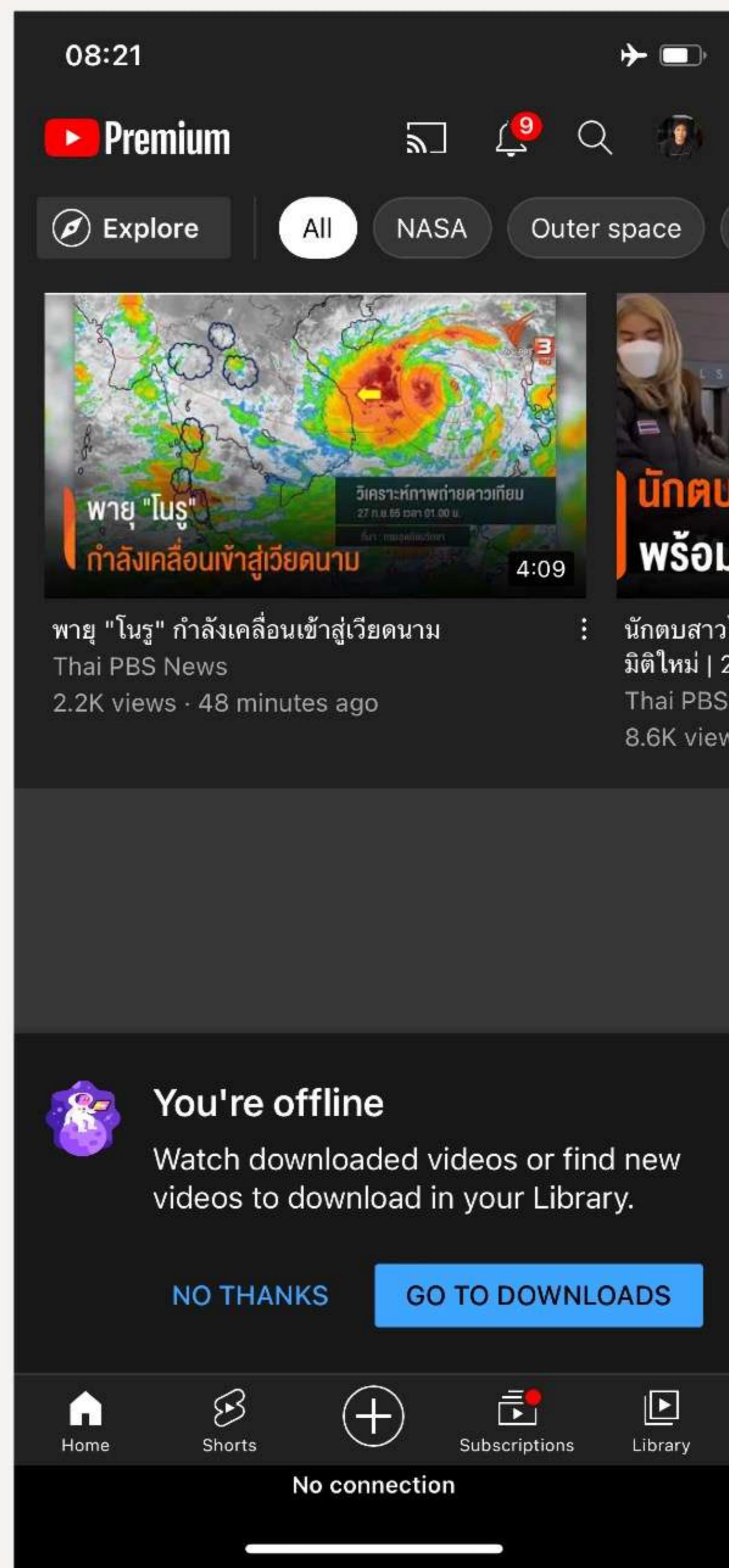
Ƒ Font Scale

<A> Alternative Text

👁️ Blind Mode



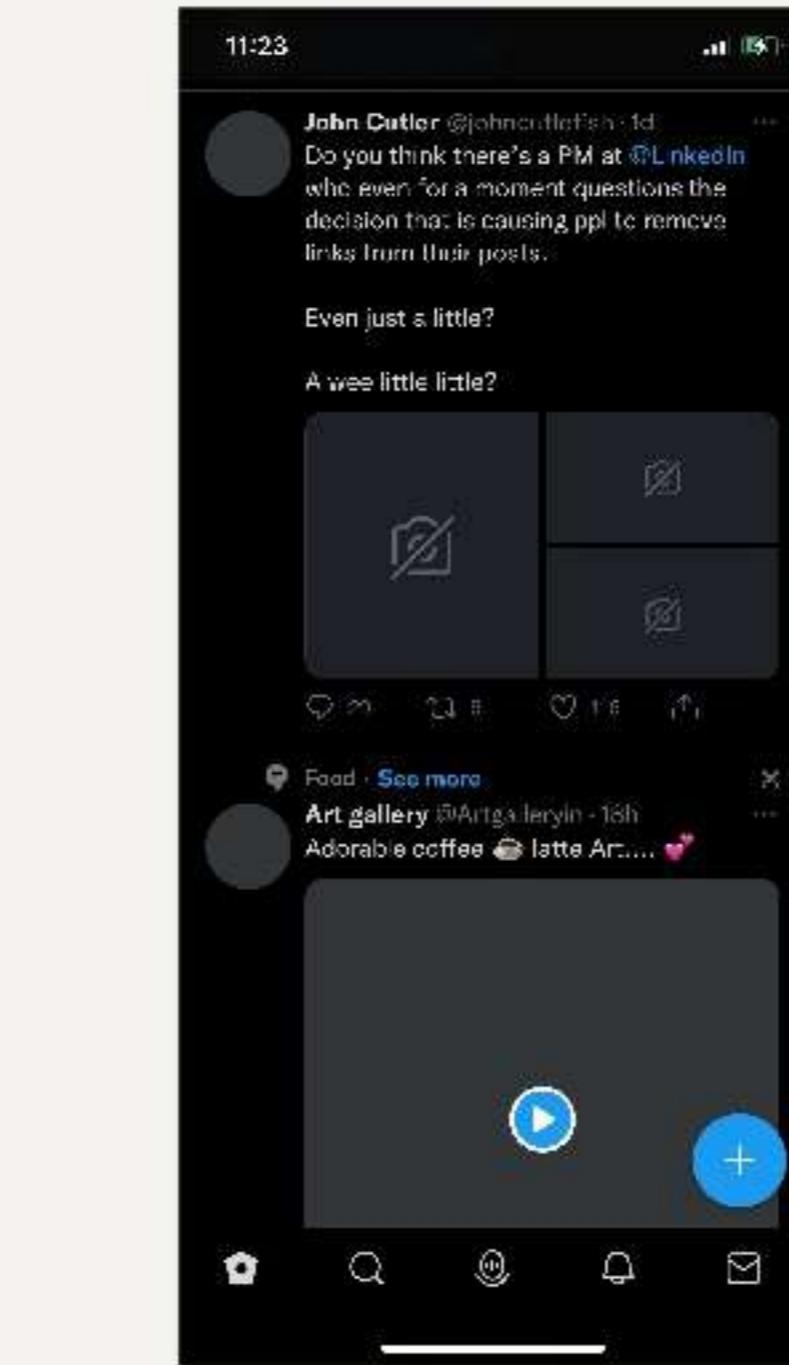




**Transparent**  
App doesn't require to  
be online anymore



No offline  
support



Less Friction

Simple  
Cache

1

2

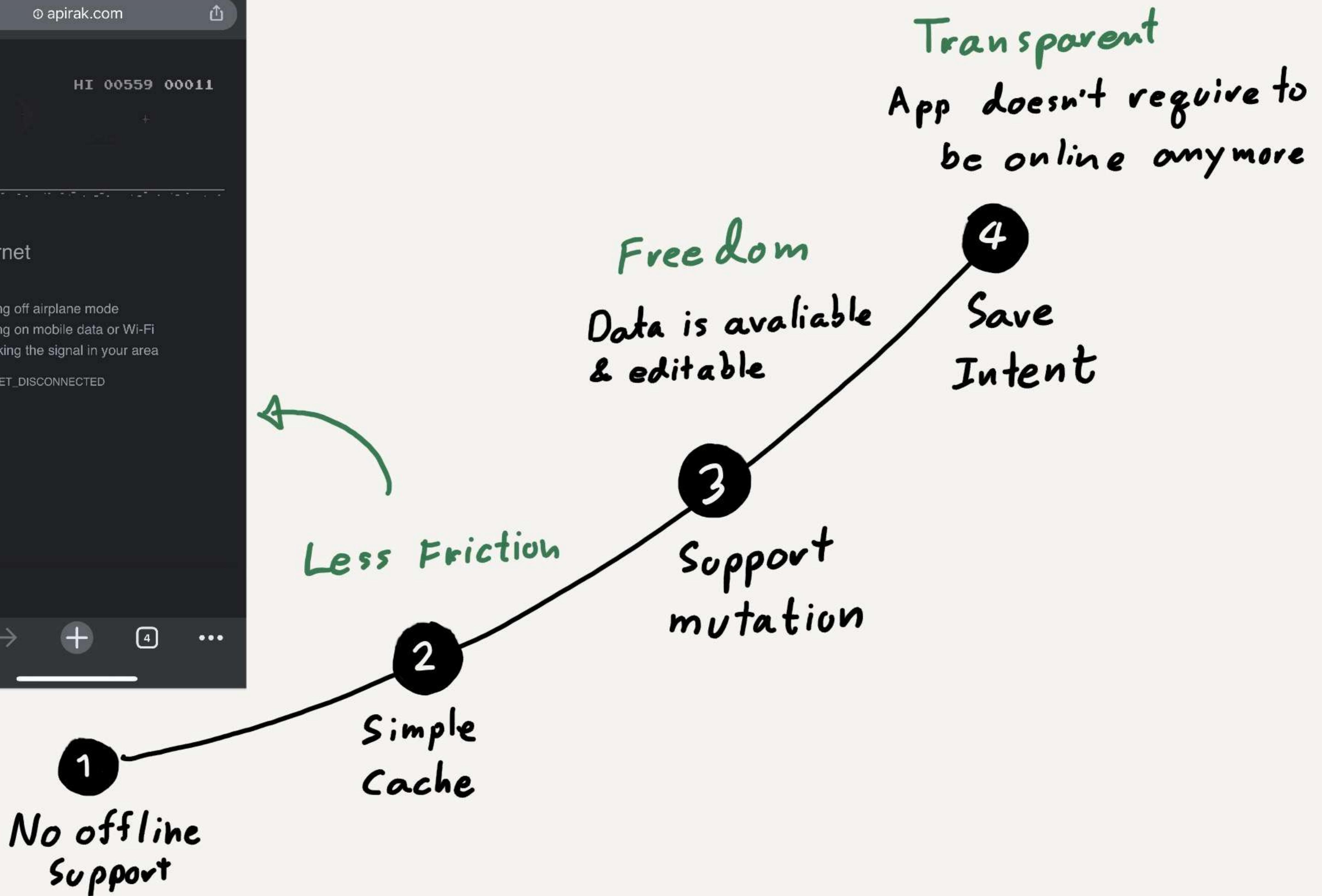
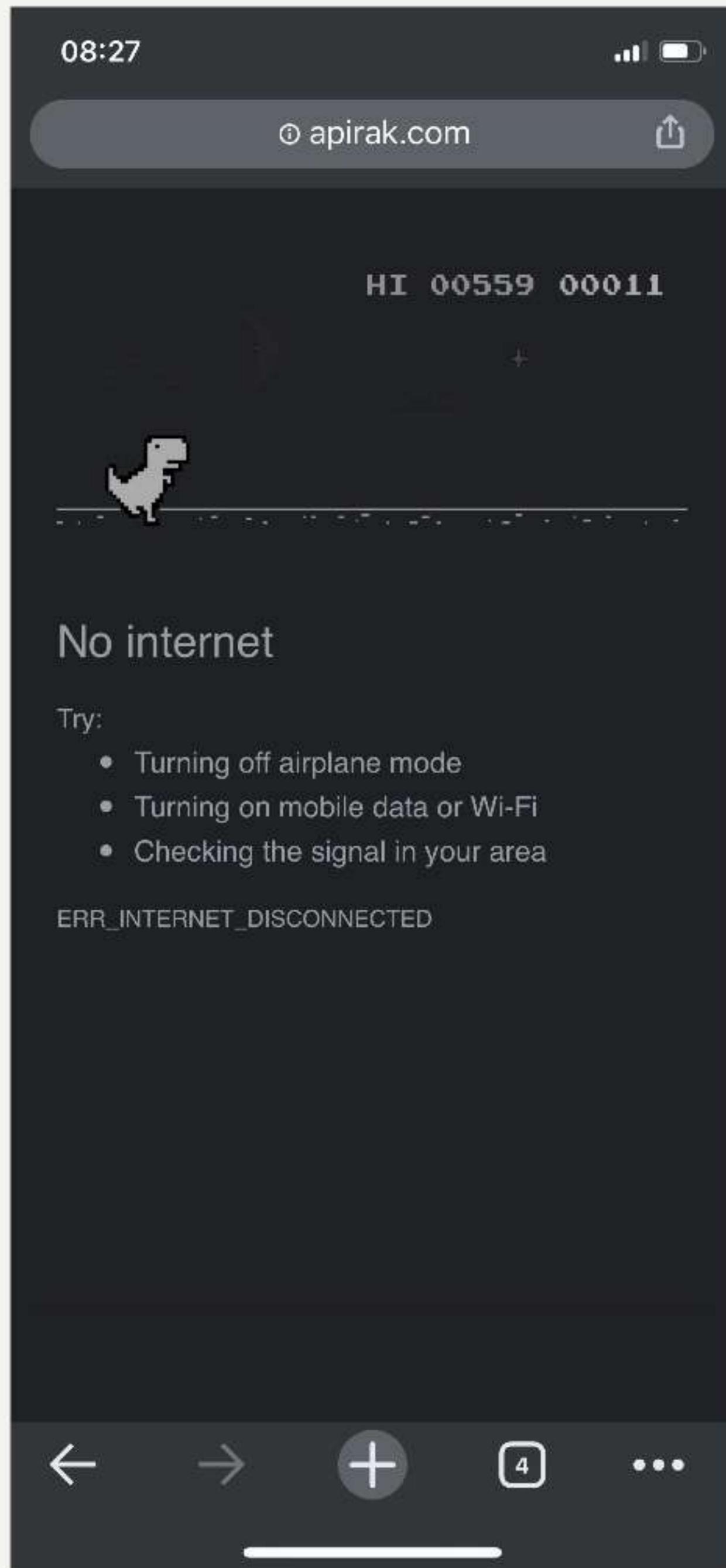
Support  
mutation

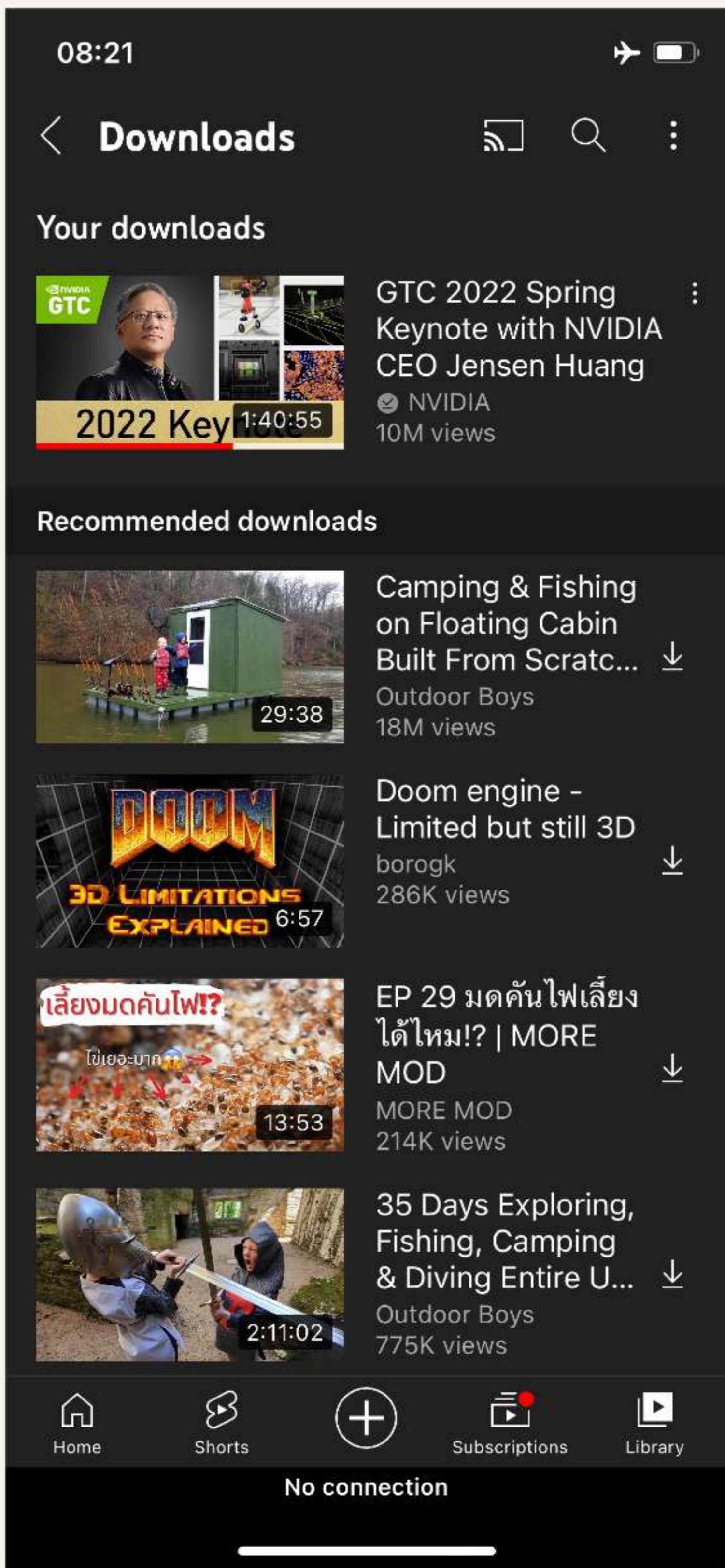
Data is available  
& editable

Freedom

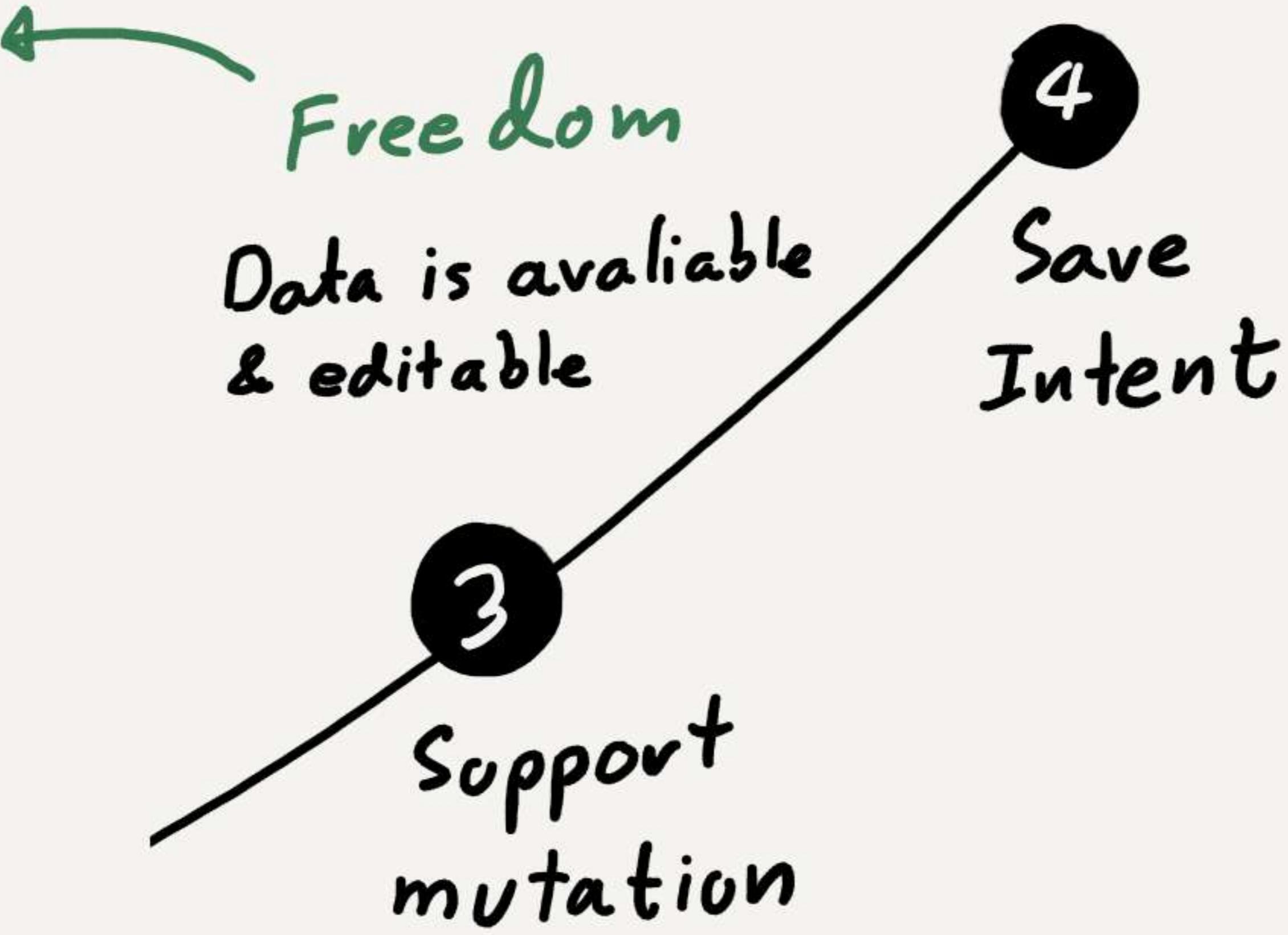
Save  
Intent

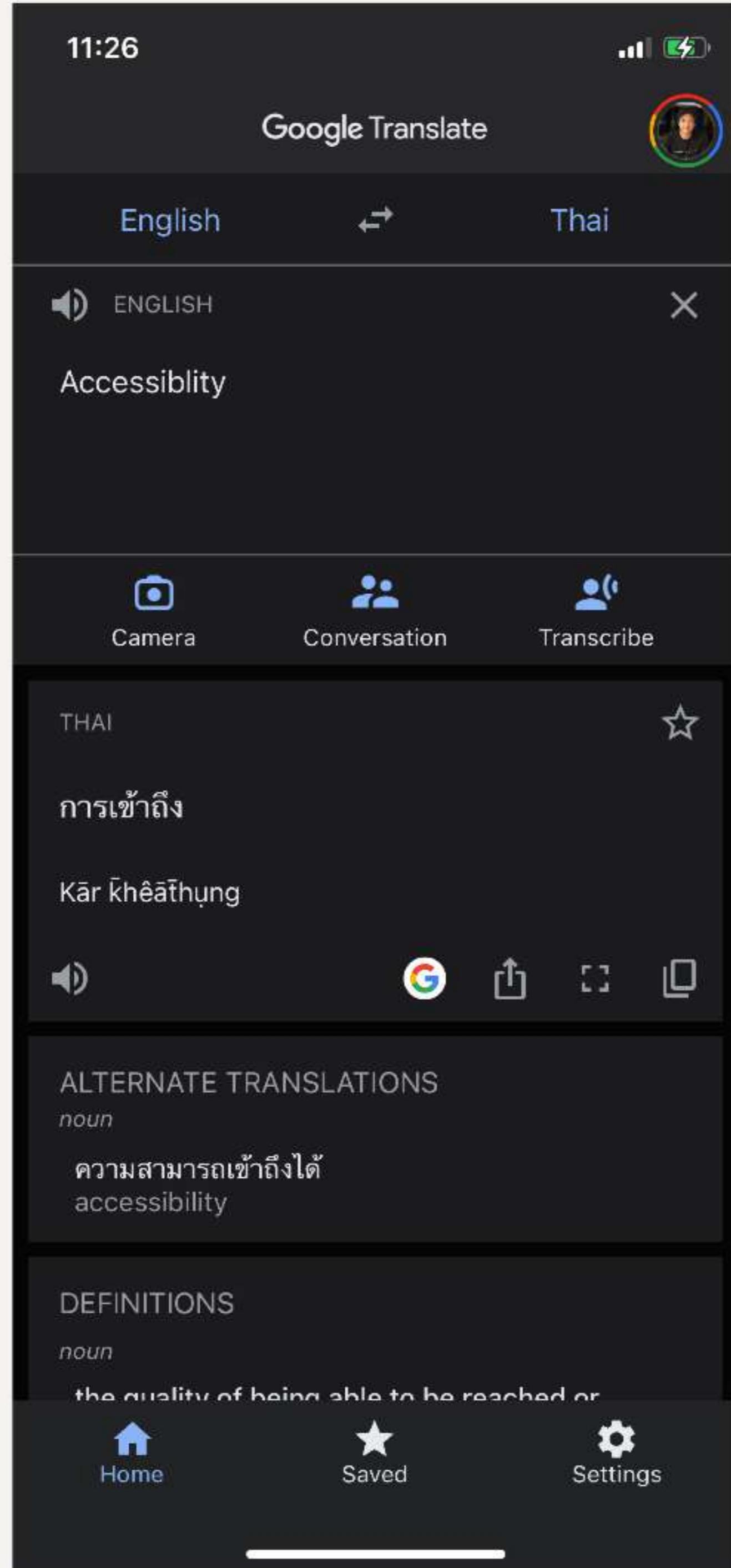
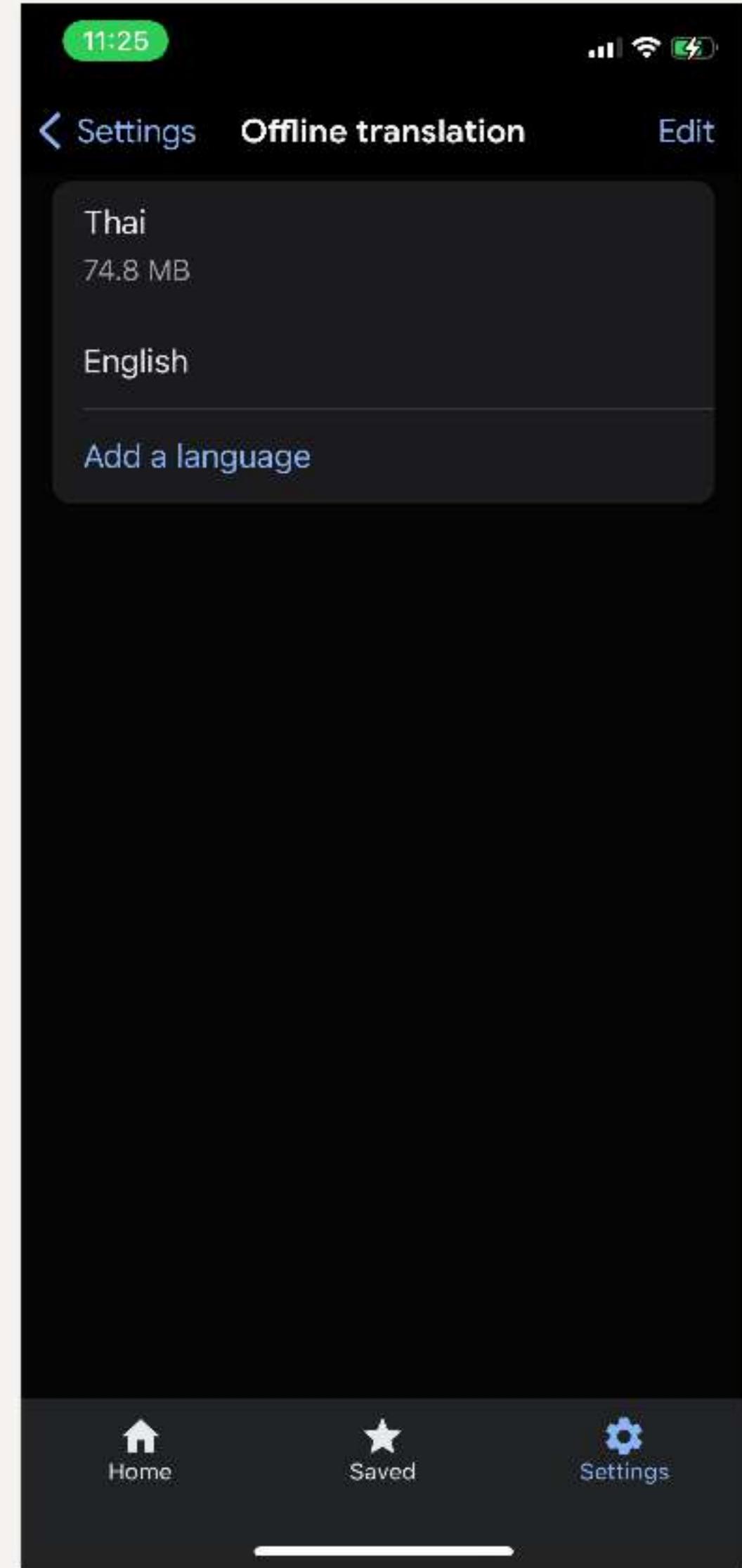
4





Transparent  
App doesn't require to  
be online anymore





Transparent  
App doesn't require to  
be online anymore

Freedom

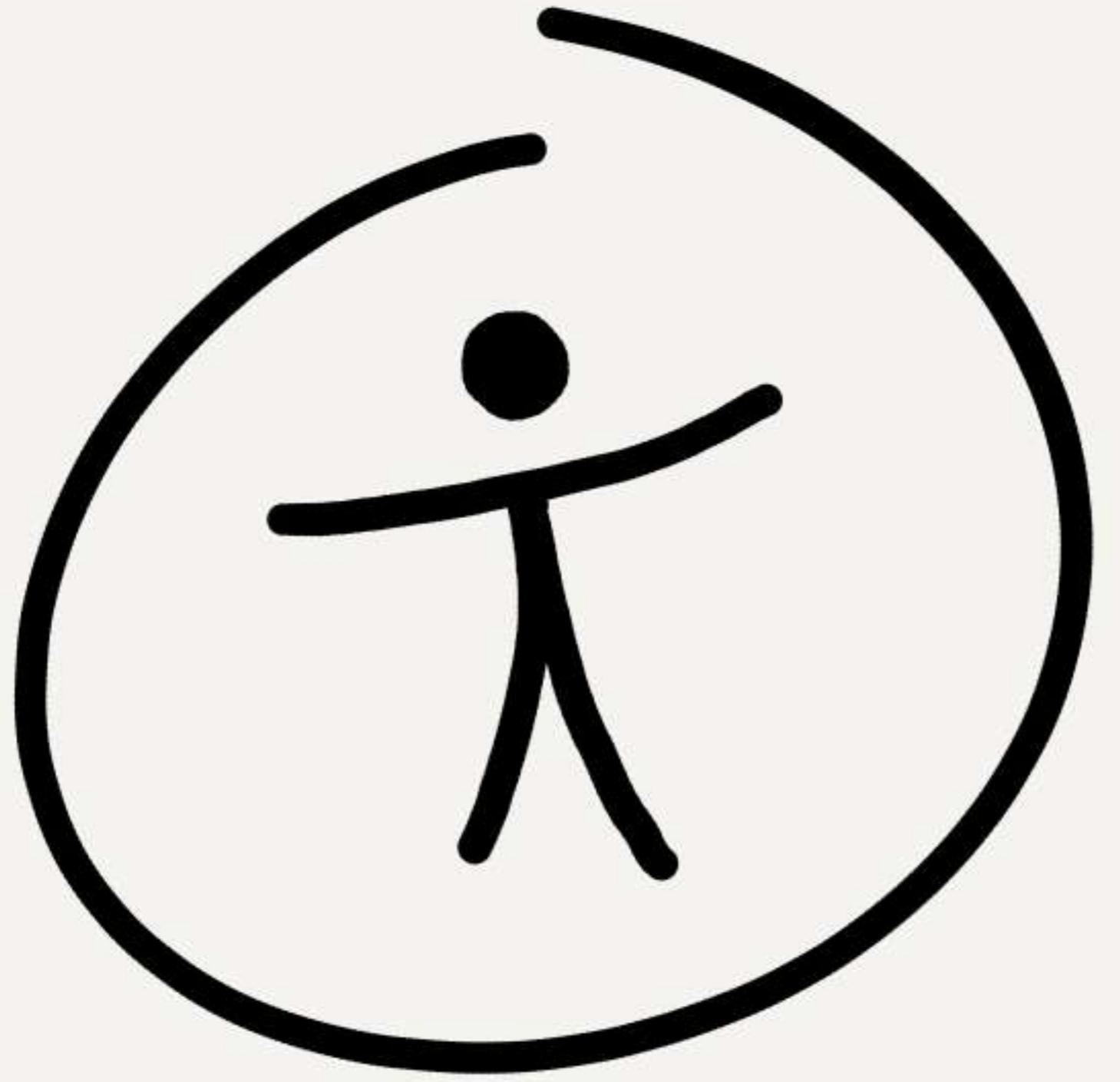
Data is available  
& editable

3

Support  
mutation

4

Save  
Intent



# Accessibility

⚡ Offline First

👁️ Color Contrast

Ƒ Font Scale

<A> Alternative Text

👁️ Blind Mode

หน้าจอแสดงเว็บไซต์การยื่นแบบดิจิทัล (e-filing) ของกรมสรรพากร. หัวข้อ "เข้าสู่ระบบ" อยู่ในส่วนของ "ผู้ใช้งาน".

ข้อมูลที่ต้องกรอก:

- เลขประจำตัวผู้เสียภาษีอากร หรือ ชื่อผู้ใช้งาน
- รหัสผ่าน

ตัวเลือก:

- ไม่มีบัญชี? สมัครสมาชิก
- ลืมรหัสผ่าน

ปุ่ม "เข้าสู่ระบบ" ต้องการให้คลิกที่นี่.

ตัวเลือกการเข้าสู่ระบบ:

- ผู้ใช้งาน Tax SSO
- ผู้ใช้งาน Digital ID
- ผู้ใช้งาน D.DOPA

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แบบออดิโอเจด  
)

Let's get color blind - Chrome

chrome.google.com/webstore/detail/lets-get-color-blind/bkdgidianpkfahpkmpghgehigalpighjck/related?hl=en

chrome web store

apirakb@gmail.com

Home > Extensions > Let's get color blind

## Let's get color blind

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Vision ★★★★★ 3

ColorBlindClick ★★★★★ 5

Spectrum ★★★★★ 57

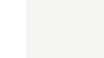
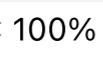
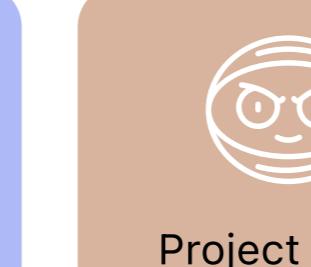
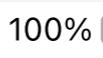
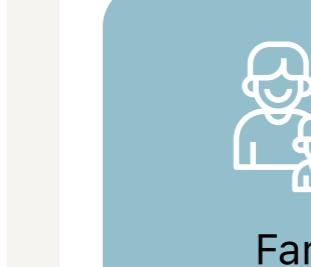
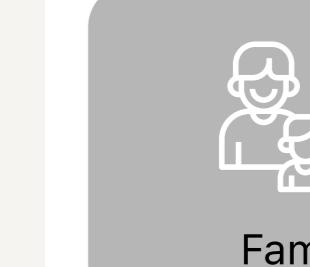
Colorblindly ★★★★★ 26

Colorblind - Dalton for ... ★★★★★ 32

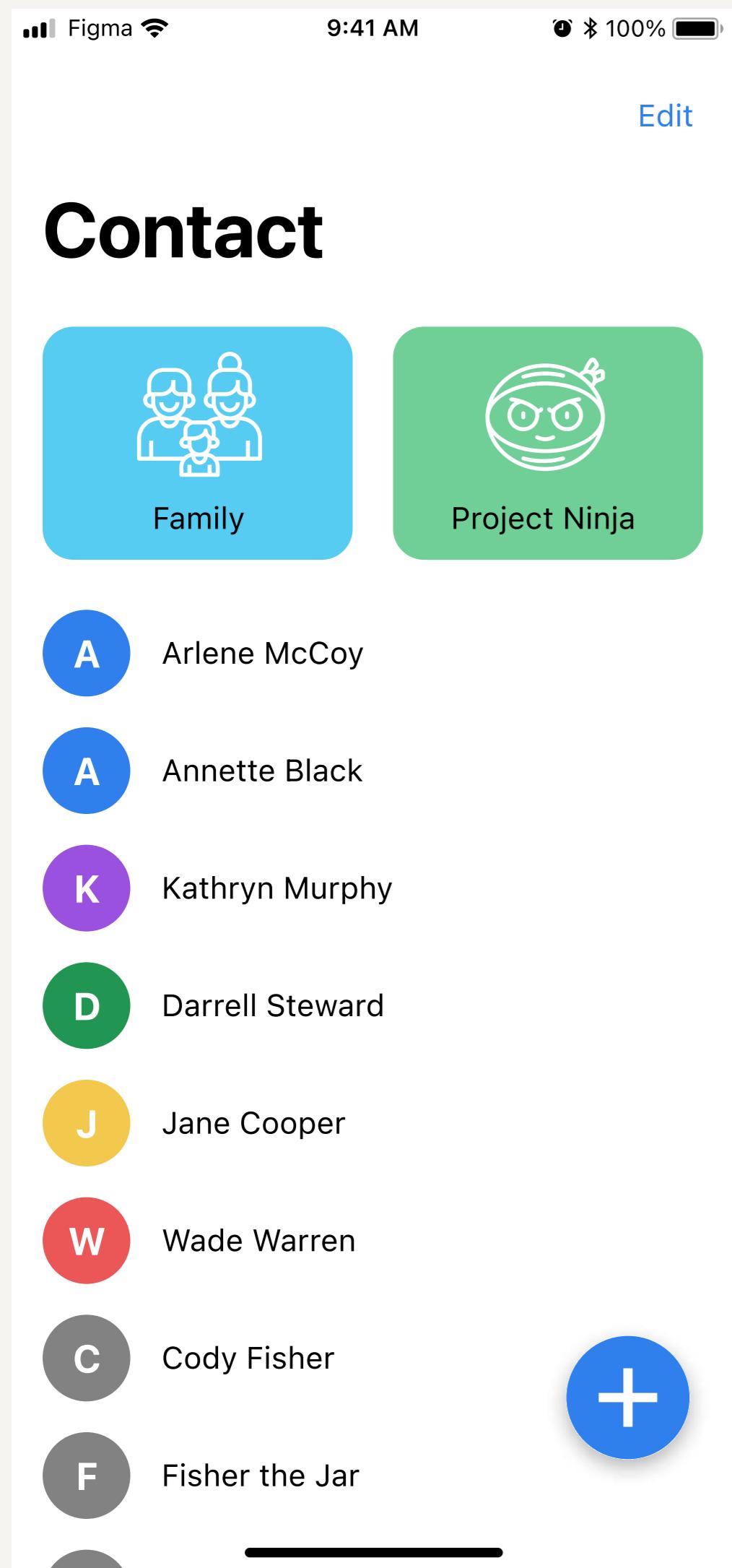
Daltonize ★★★★★ 5

Vividfy - Vivencie as Cor... ★★★★★ 3

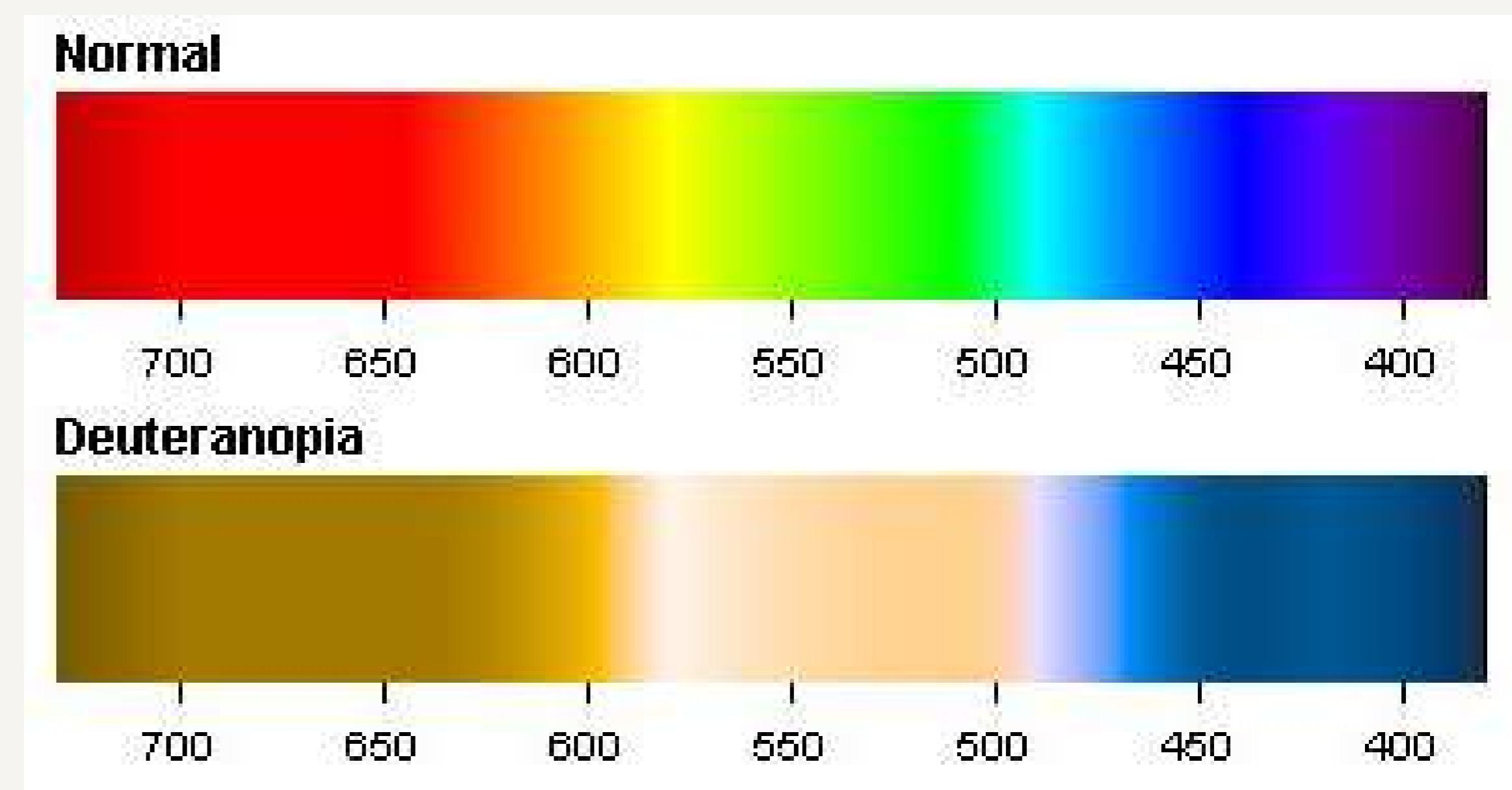
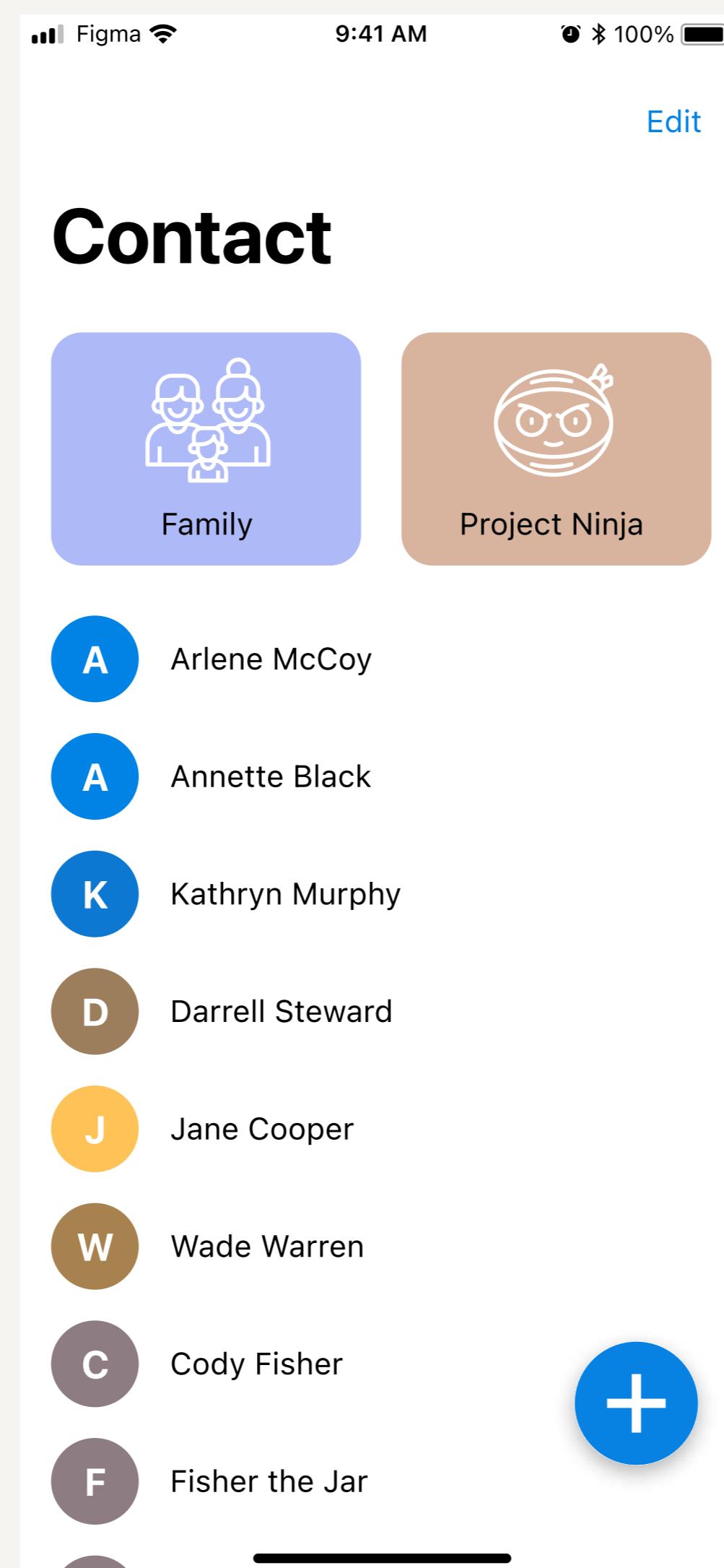
Achromeatic 71 users

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<span style="color: grey;">F</span>	Fisher the Jar																																																																																																																					
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<span style="color: grey;">F</span>	Fisher the Jar																																																																																																																					

A Arlene McCoy



Deuteranopia vision



Red & Green

Figma 9:41 AM 100% Edit

## Contact

-  Family
-  Project Ninja

-  Arlene McCoy
-  Annette Black
-  Kathryn Murphy
-  Darrell Steward
-  Jane Cooper
-  Wade Warren
-  Cody Fisher
-  Fisher the Jar

+ 

<https://contrastchecker.com/>

# CONTRAST CHECKER

COURTESY OF ACART COMMUNICATIONS

## COLOR SELECTION

SEE GRayscale SHARE SAMPLE RESET

foreground: #000000 background: #FFFFFF ratio: 21

Sample 12px Sample 18px

GET FROM IMAGE RATIO: 21 ADD TO HISTORY

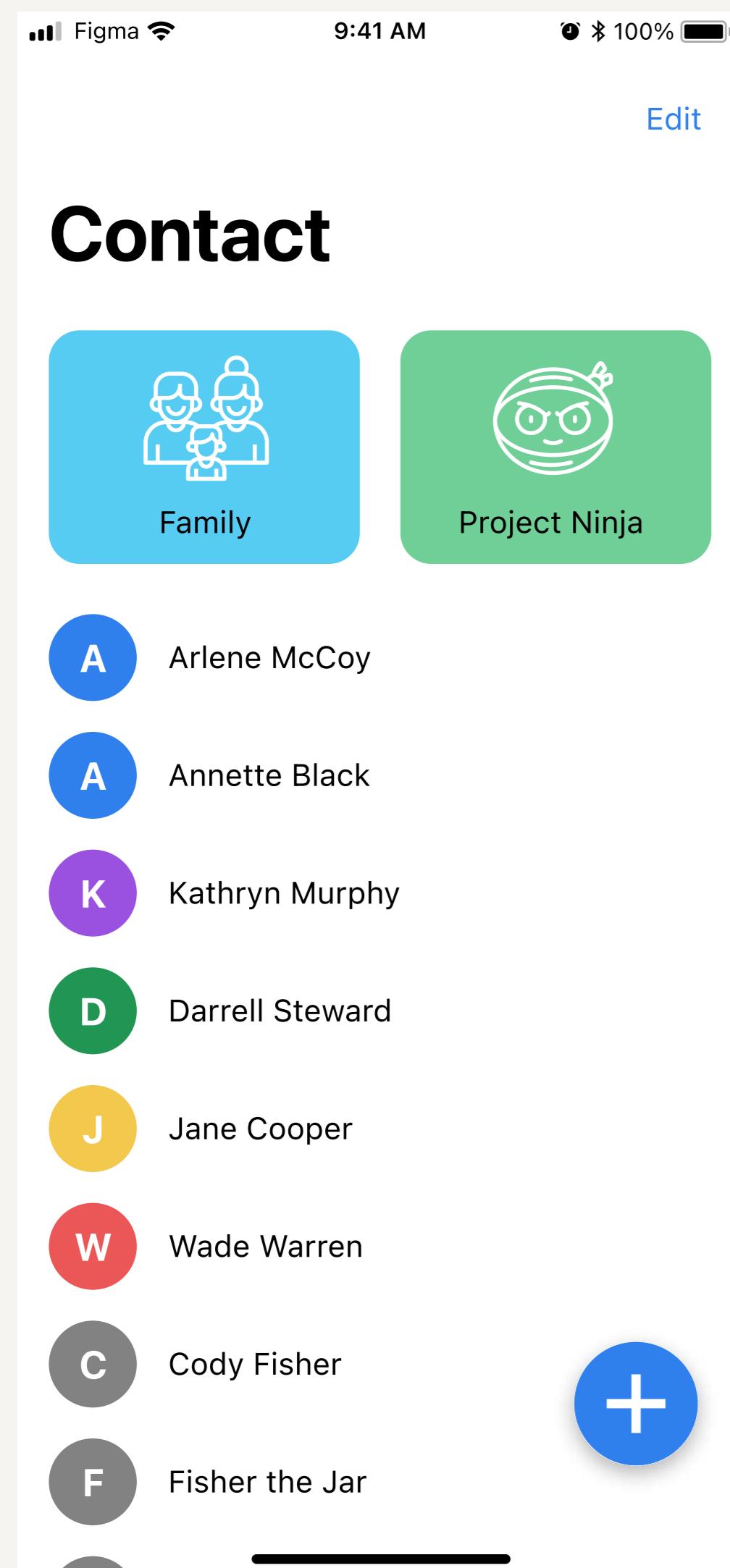
AA AA AA18pt AAA18pt COLORS PASS COLOR DIFF 765

## HISTORY

SHARE HISTORY SAVE PDF

STATUS FOREGROUND BACKGROUND SAMPLE

Below 18pt Over 18pt Over all Gray scale



Able – Friction free accessibility

Colors

6FCF97 000000

Contrast ratio 11.05:1

Large text AAA

Small text AAA

[See color contrast guidelines](#)

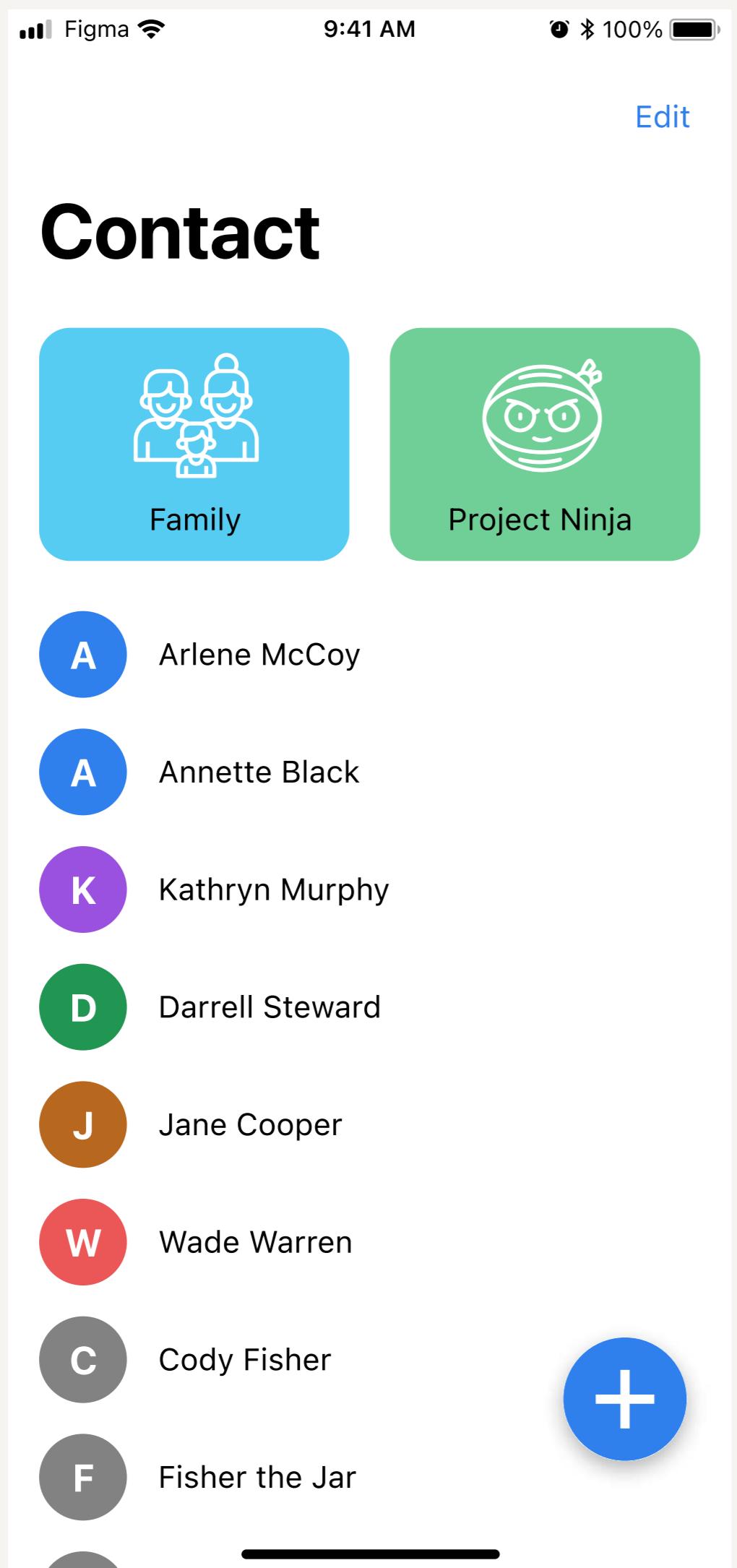
Preview

Normal vision

This is an example of small text.

14pt bold text is large text.

18pt text is large text.



W3 WCAG 2 Overview | Web Accessibilit

w3.org/WAI/standards-guidelines/wcag/

Skip to Content | Change Text Size or Colors | This page in: English • Español • Français | All Translations | Hide Options

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Accessibility Fundamentals | Planning & Policies | Design & Develop | Test & Evaluate | Teach & Advocate | Standards/Guidelines

[Home](#) / [Standards/Guidelines](#) / **Web Content – WCAG 2**

**Standards/Guidelines**

**Web Content – WCAG 2**

- How to Meet WCAG 2 (Quick Reference)
- At a Glance
- The Documents
- Applying to Non-Web ICT
- New in 2.2 Draft
- New in 2.1
- Translations
- Commenting
- Conformance Logos

# WCAG 2 Overview

## Summary

This page introduces the Web Content Accessibility Guidelines (WCAG) international standard, including WCAG 2.0, WCAG 2.1, and WCAG 2.2. WCAG documents explain how to make web content more accessible to people with disabilities.

A different page [introduces WCAG 3](#).

WCAG is not an introduction to accessibility. For introductions, see [Accessibility Fundamentals Overview](#).

Quick links to resources:

- [How to Meet WCAG 2 \(Quick Reference\)](#)
- [WCAG 2.2 Draft, What's New in WCAG 2.2 Draft with status and timeline](#)
- [WCAG 2.1 Standard](#)
- [WCAG 2.0 Standard](#)

## Page Contents

# Disable Button

Total (Baht)

0.00

Select type of payment

Select ▾

Schedule

Submit

Total (Baht)

0.00

Select type of payment

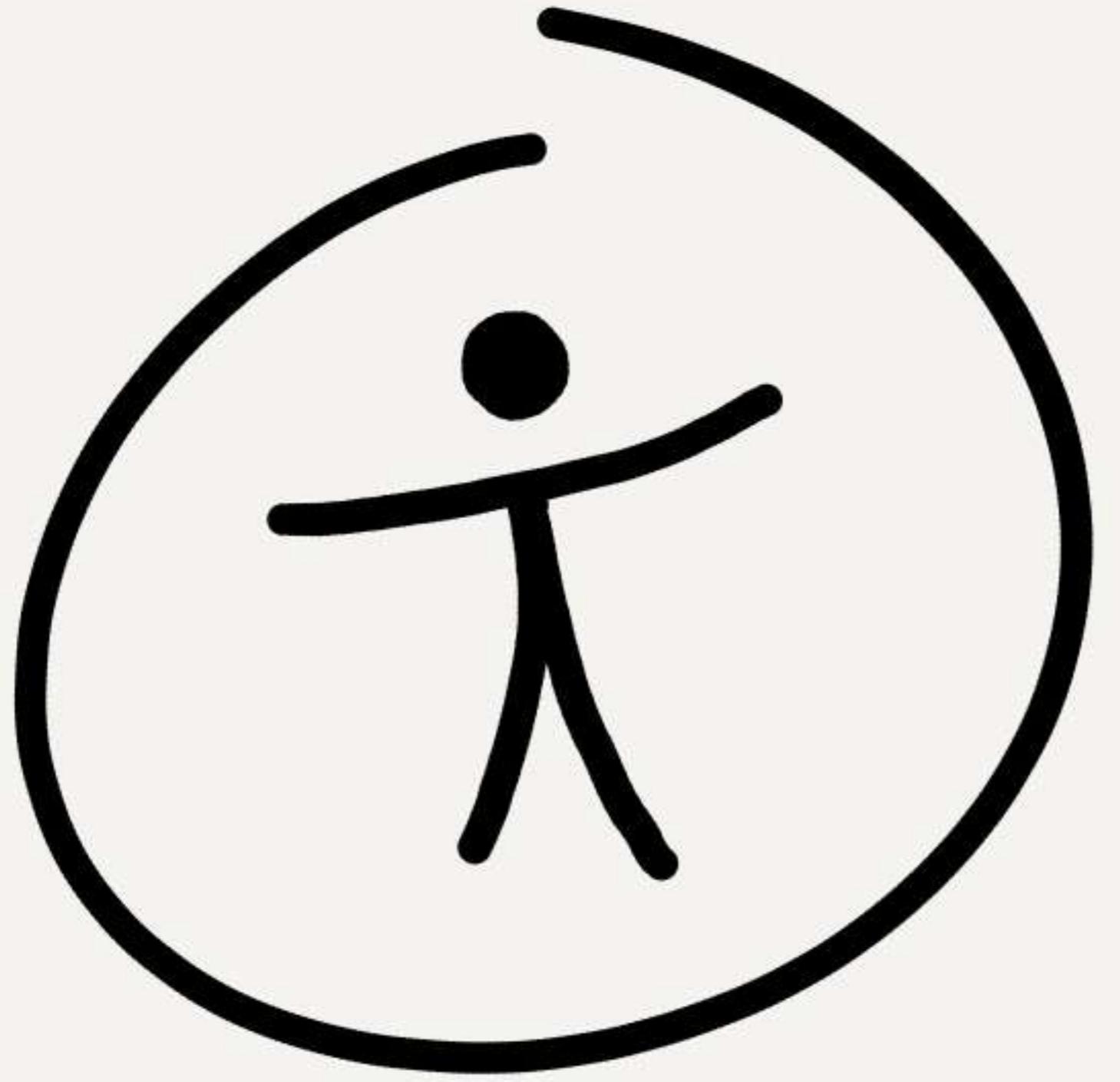
Select ▾

Schedule

Submit

For Developer: <https://css-tricks.com/making-disabled-buttons-more-inclusive/>

Design: <https://axesslab.com/disabled-buttons-suck/>



# Accessibility

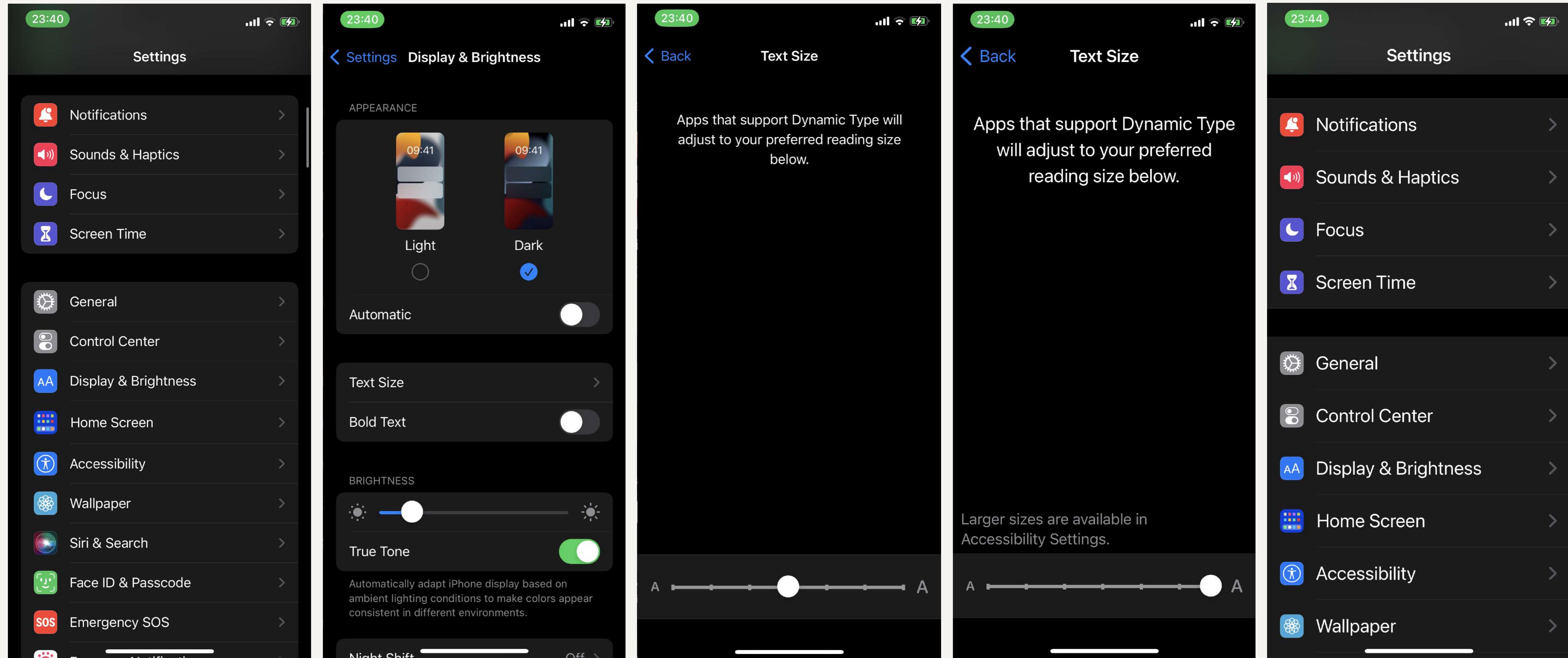
⚡ Offline First

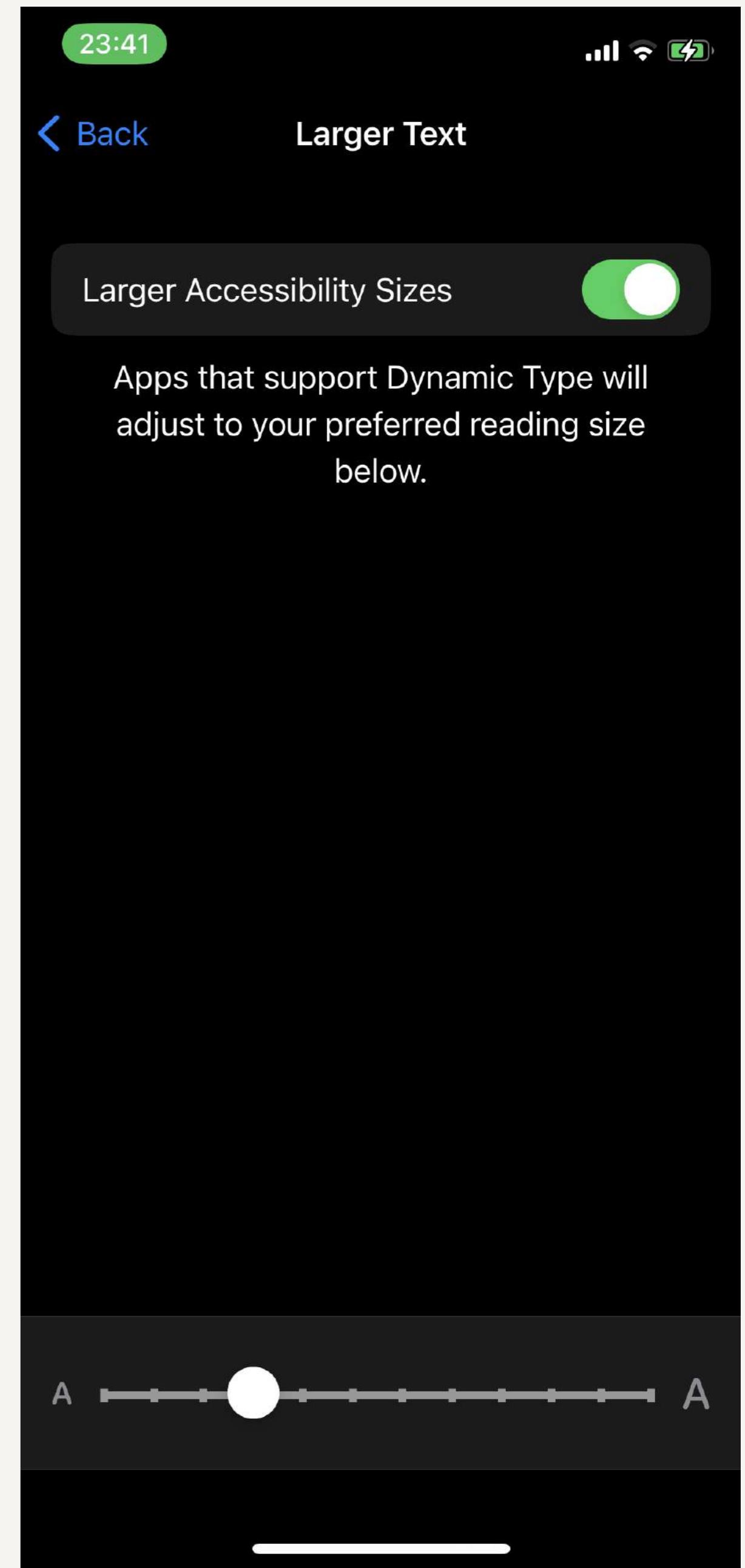
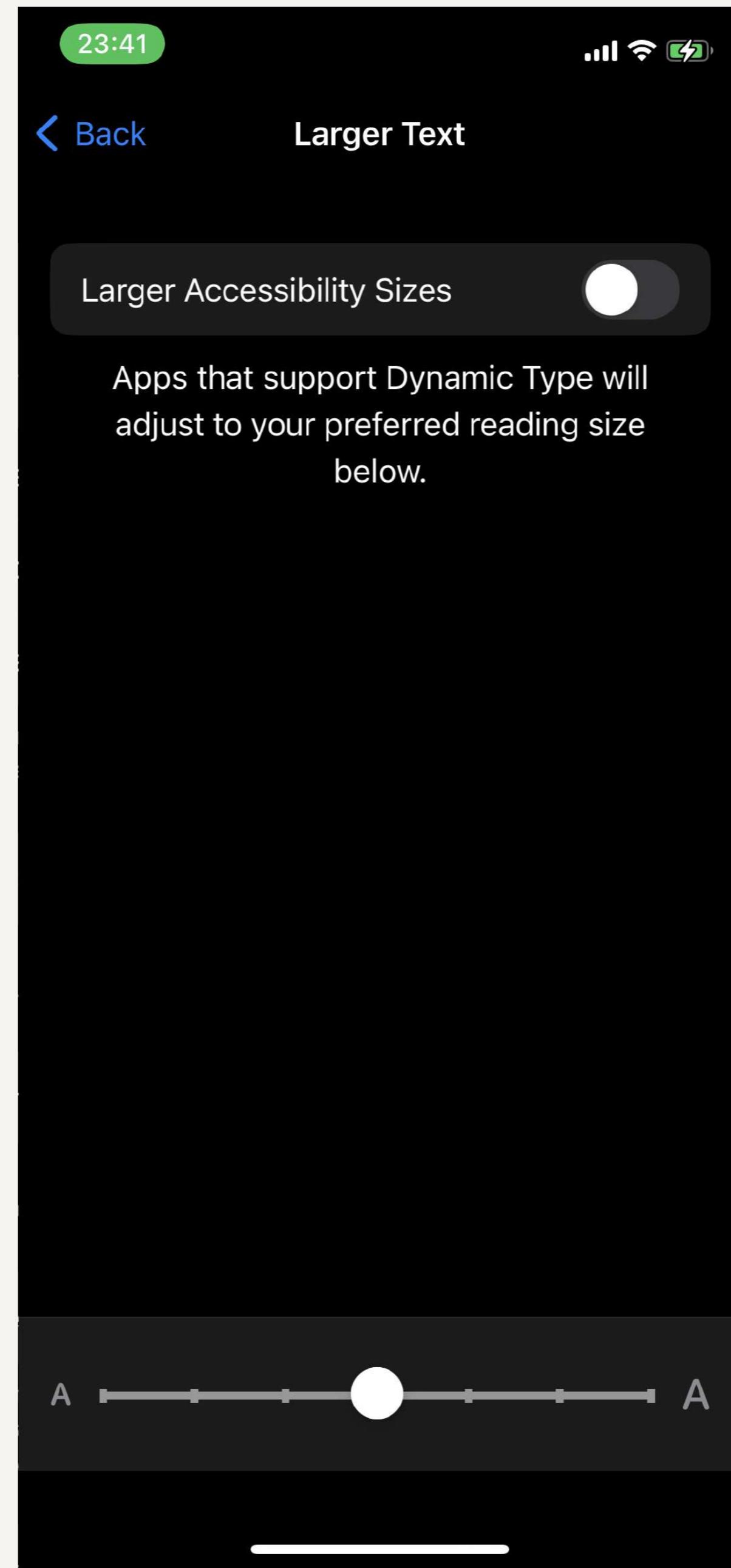
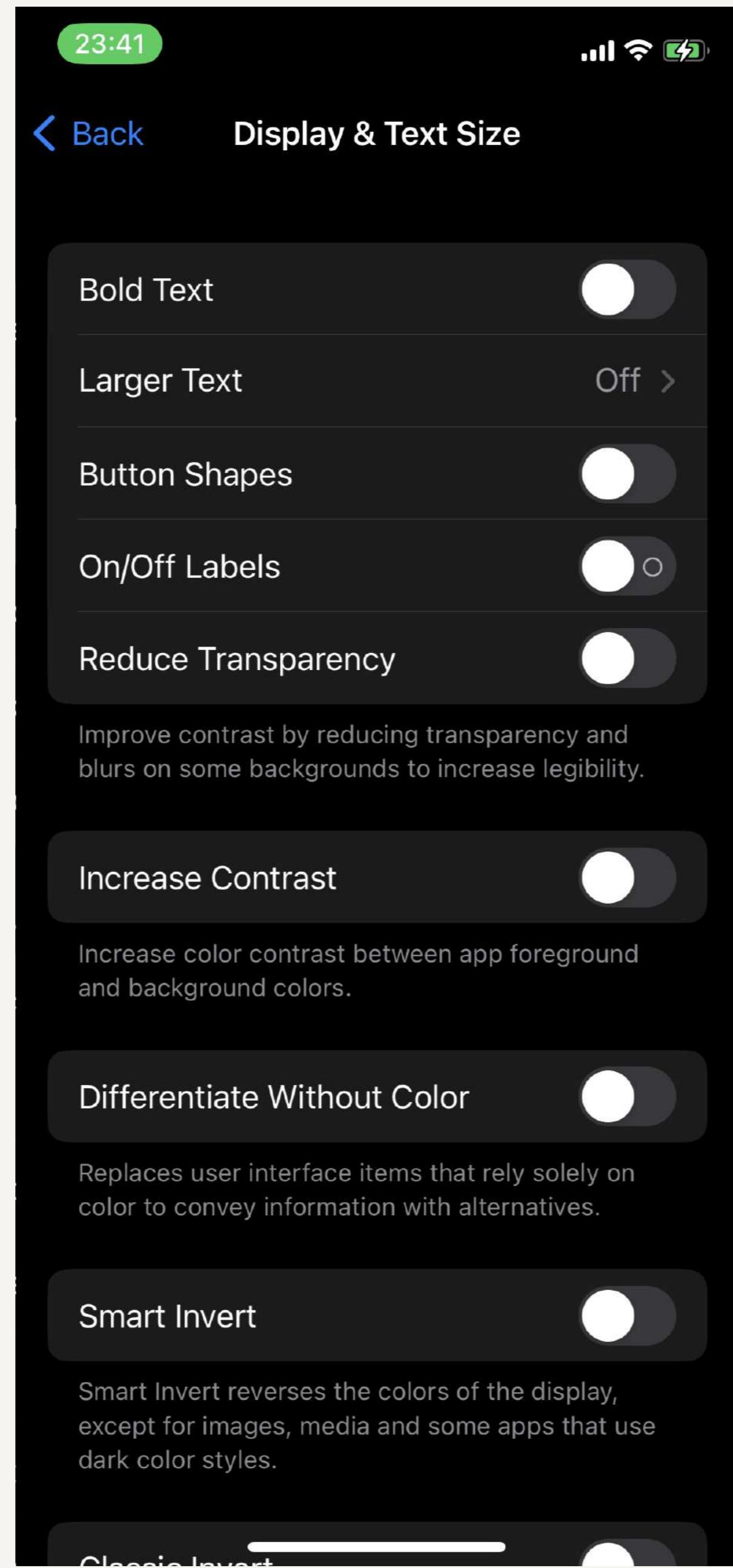
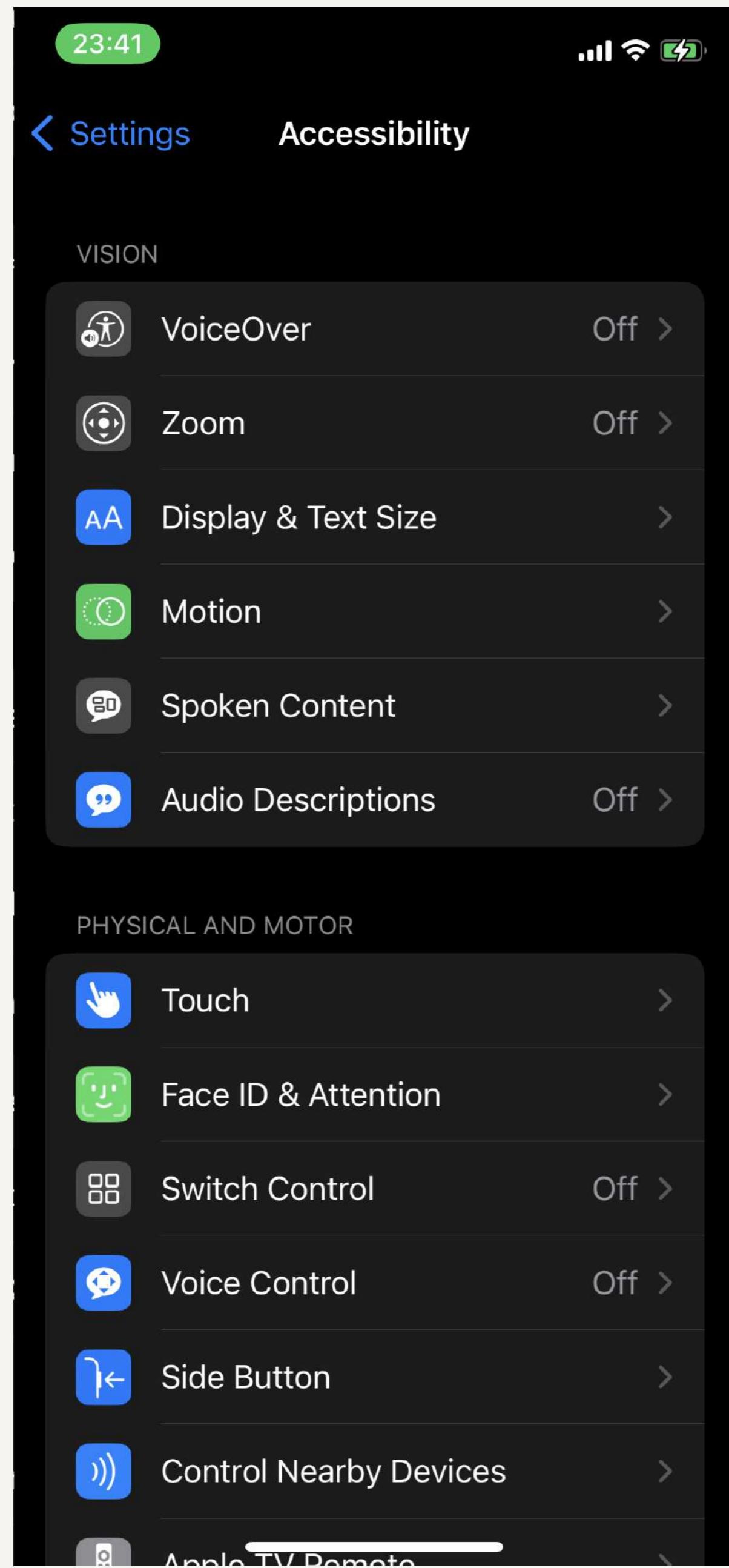
👁️ Color Contrast

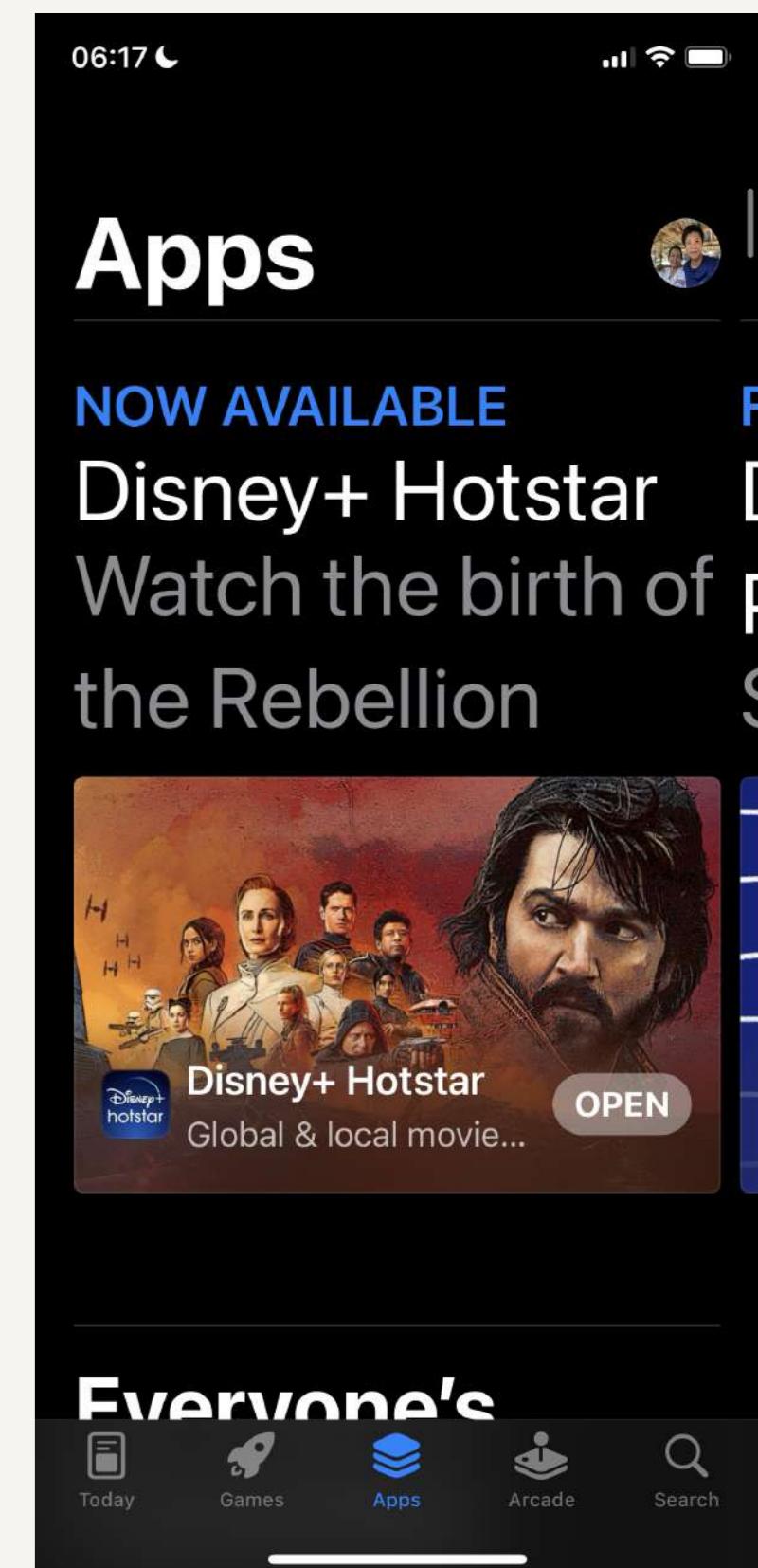
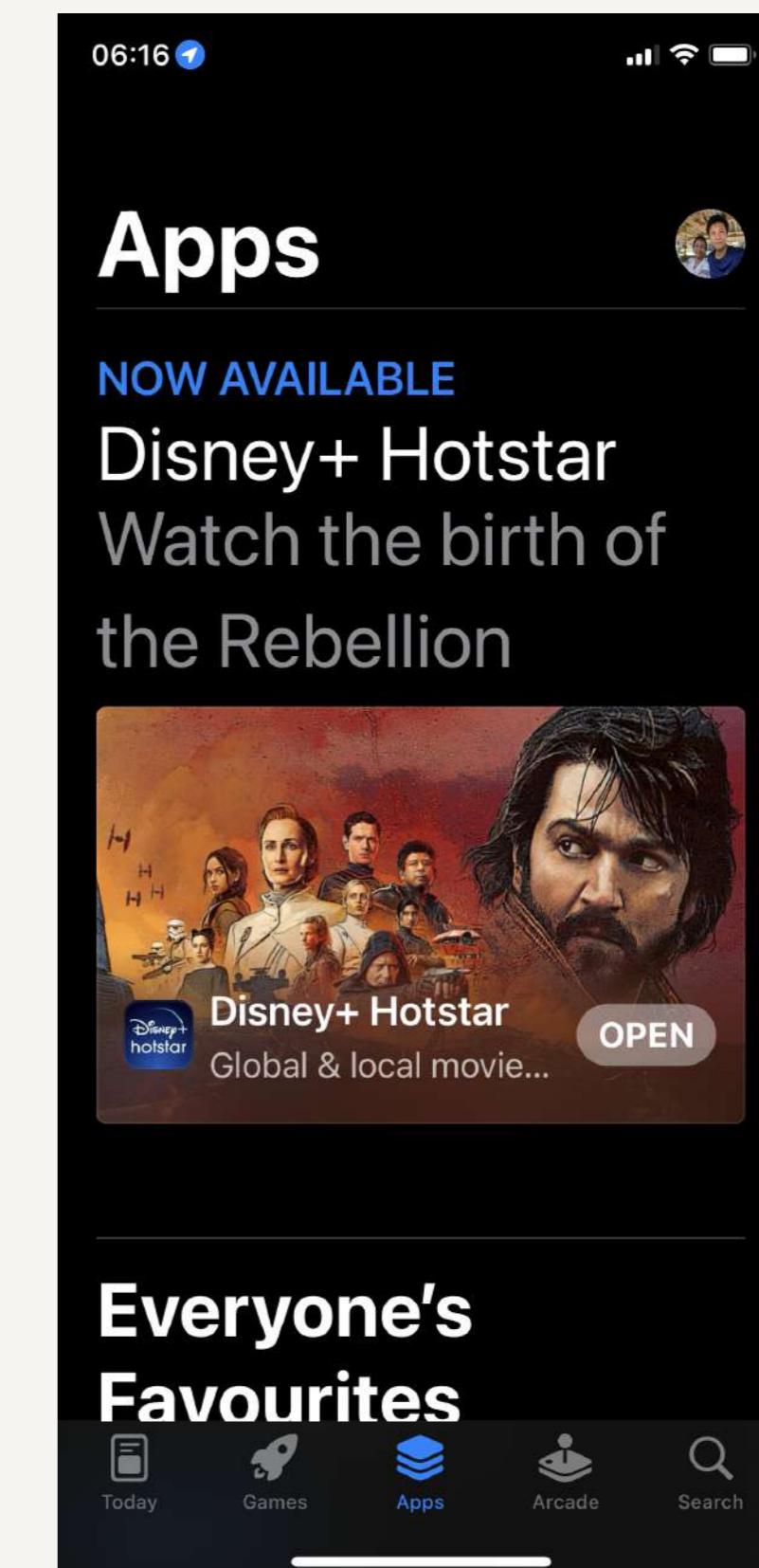
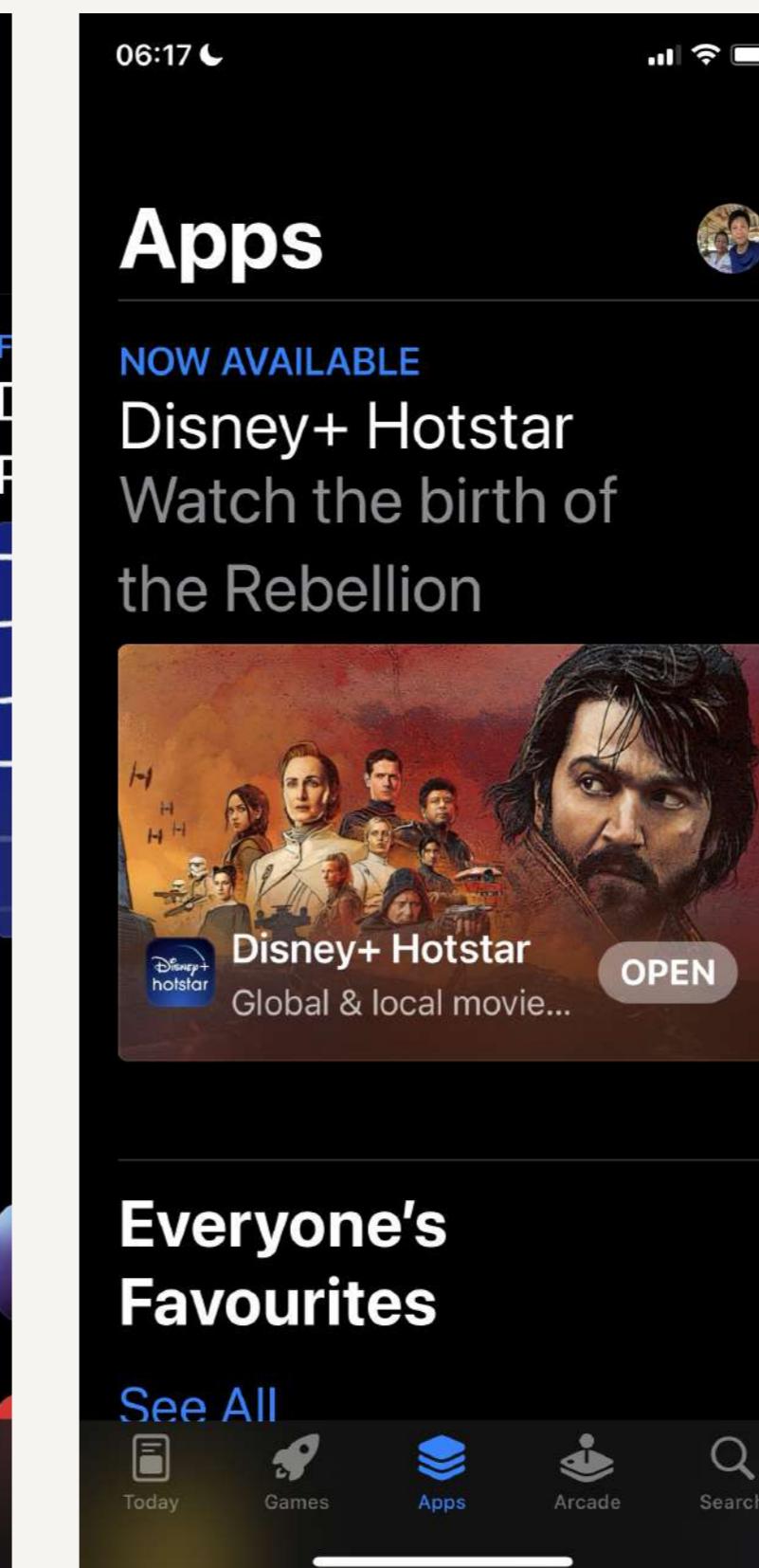
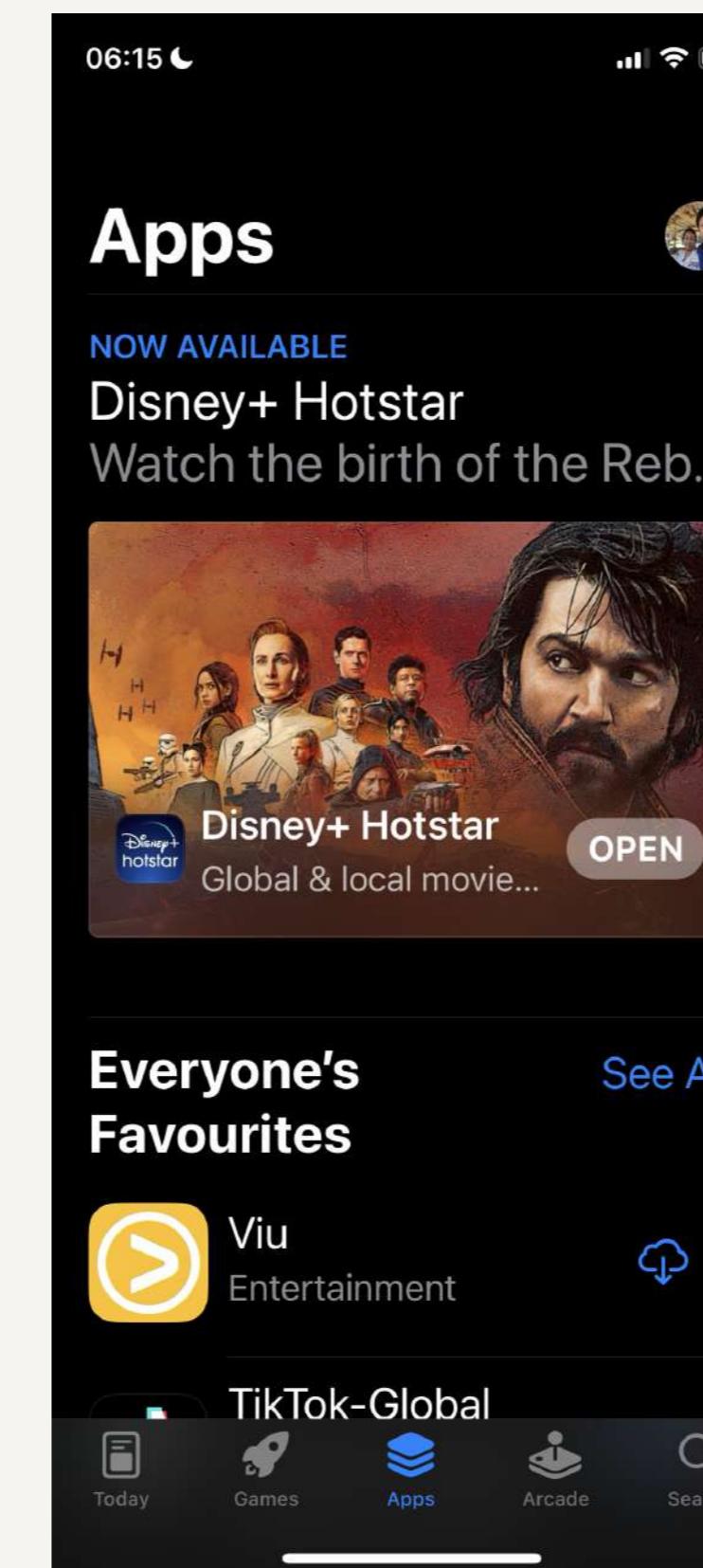
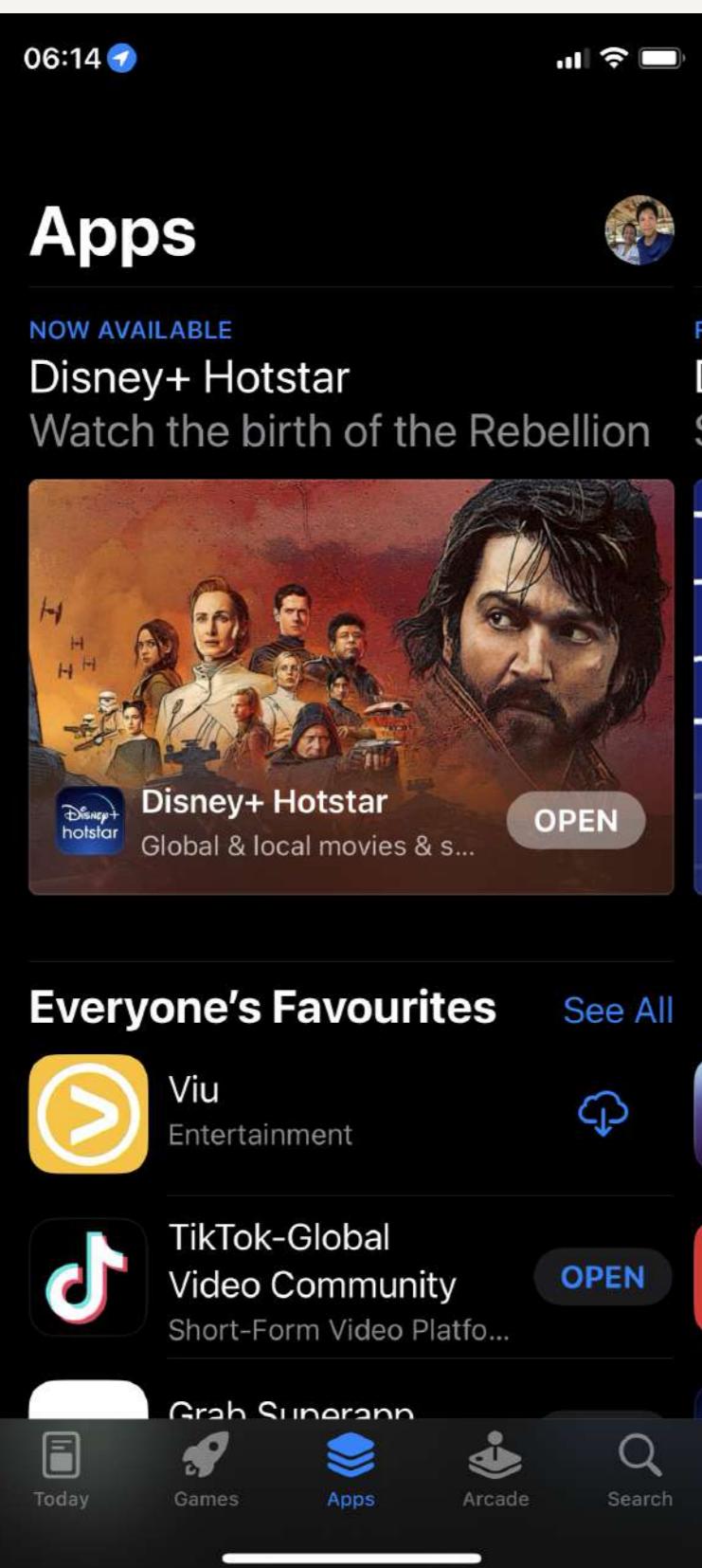
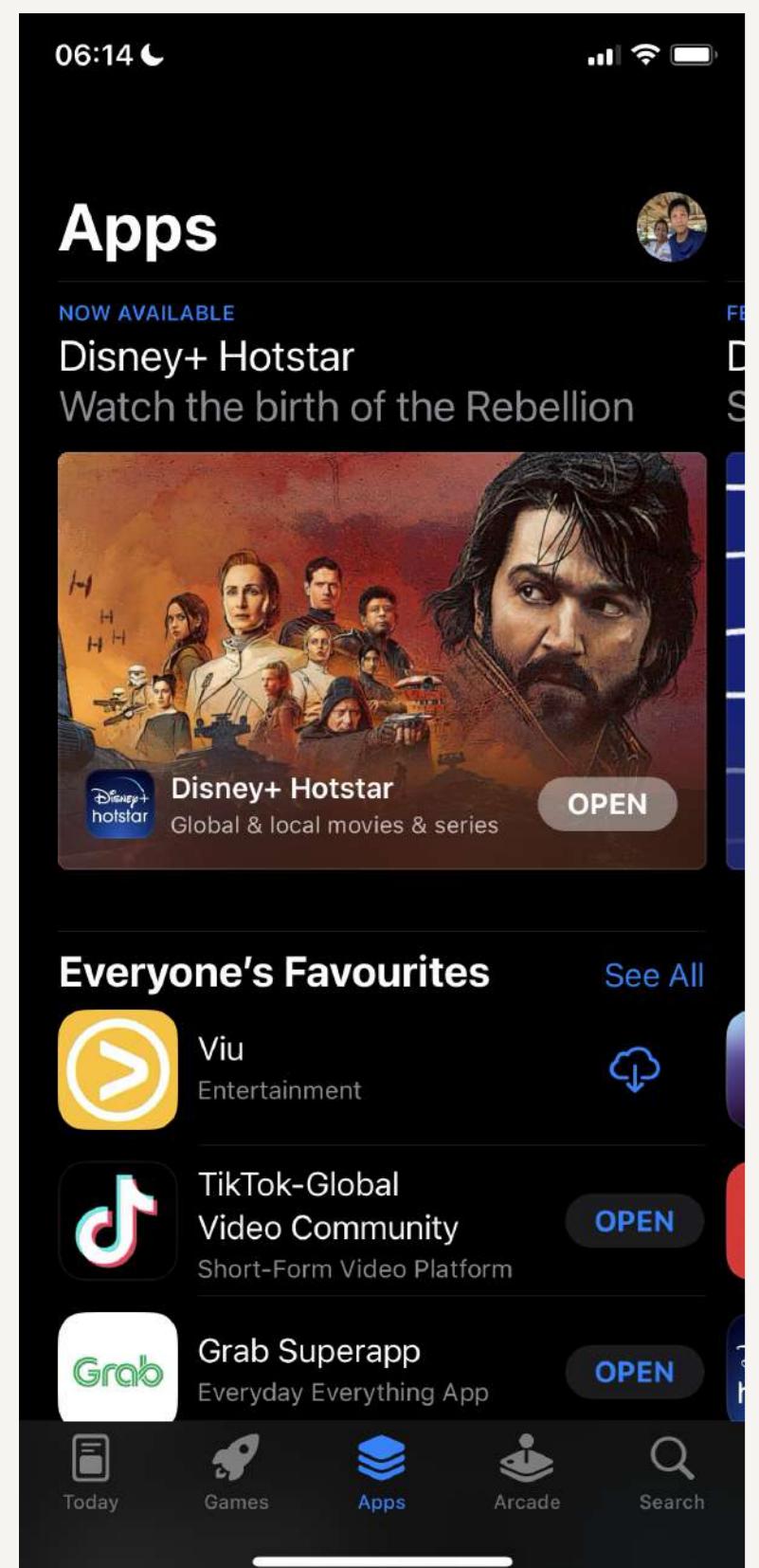
Ff Font Scale

<A> Alternative Text

👁️ Blind Mode







Default

XL

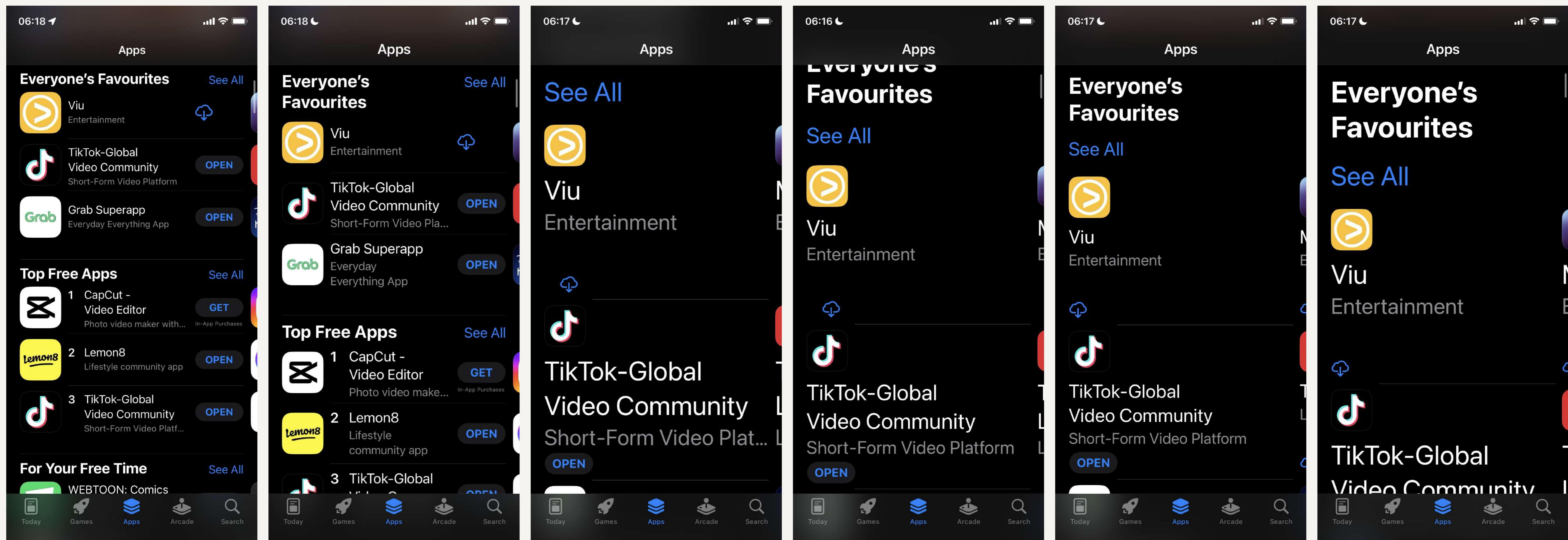
XXL

XXXL

AX1

AX2

AX3



Large  
(Default)

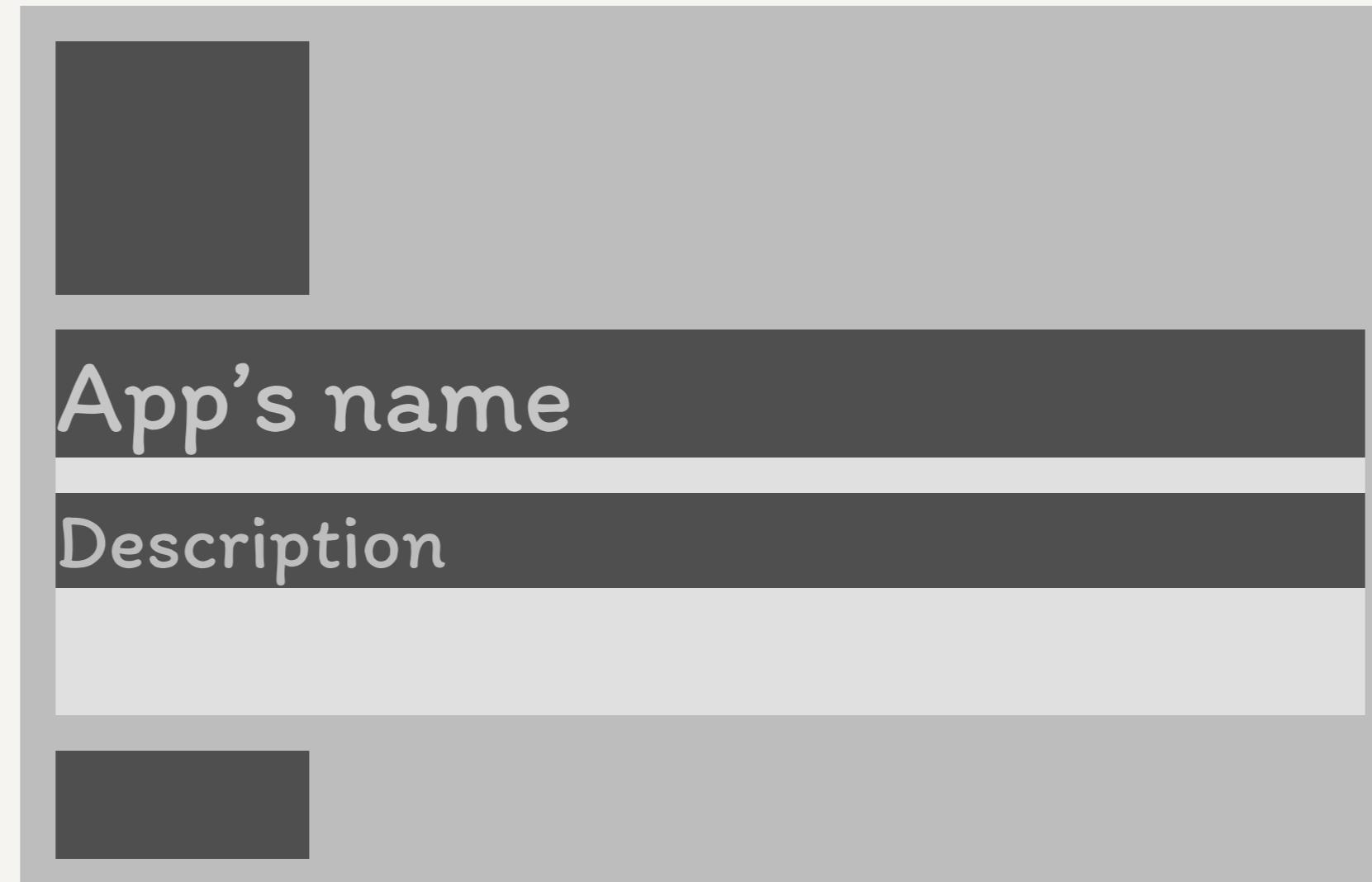
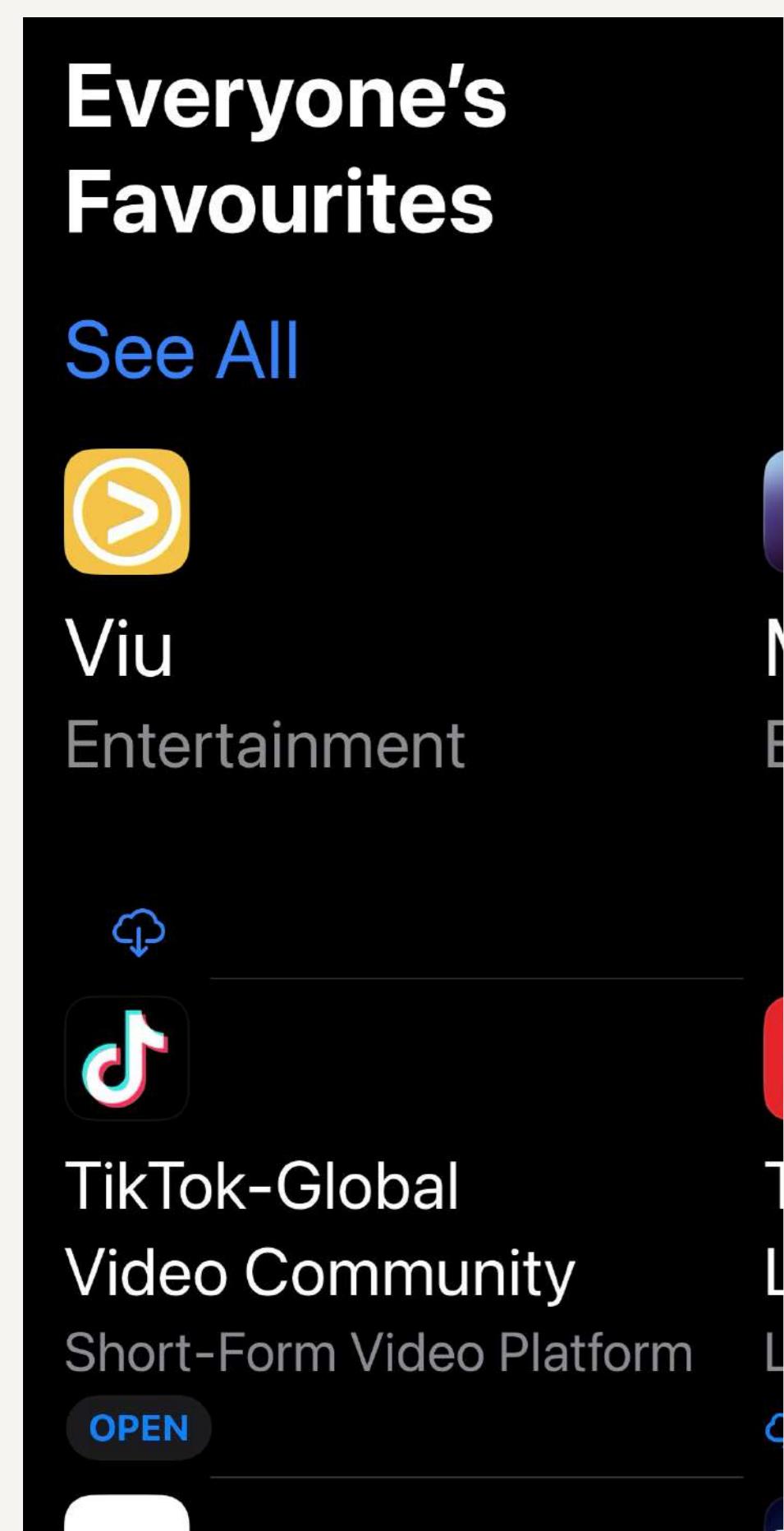
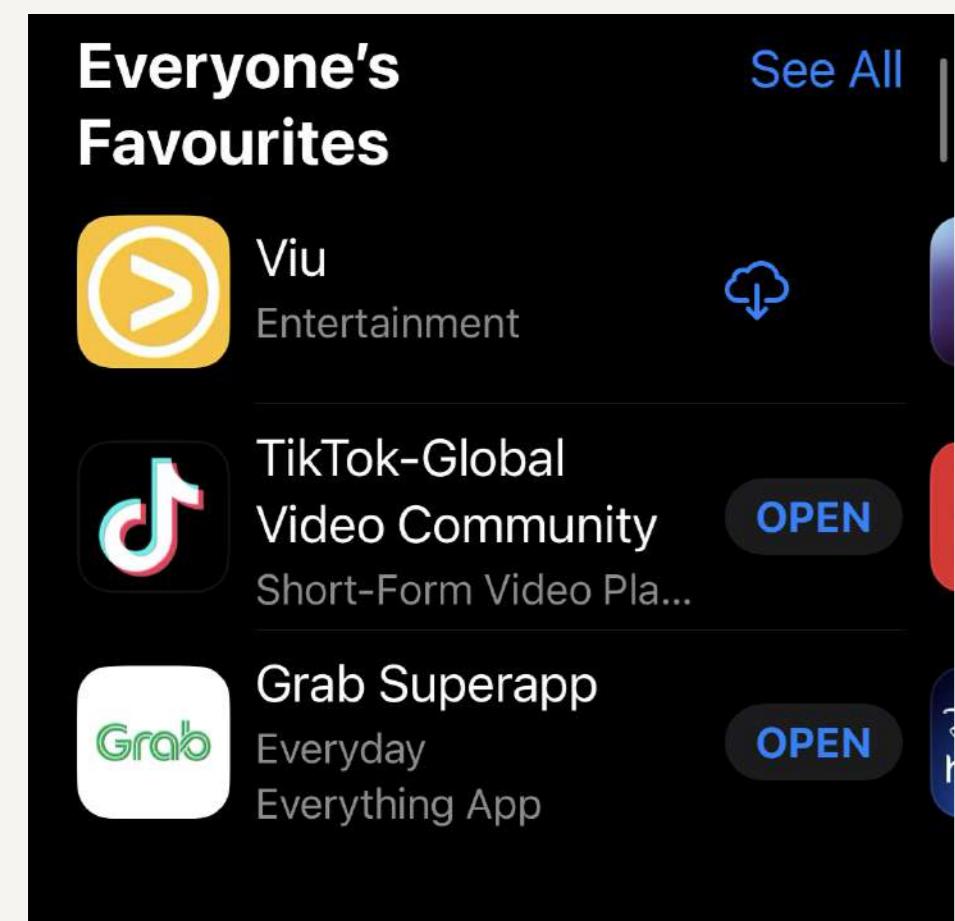
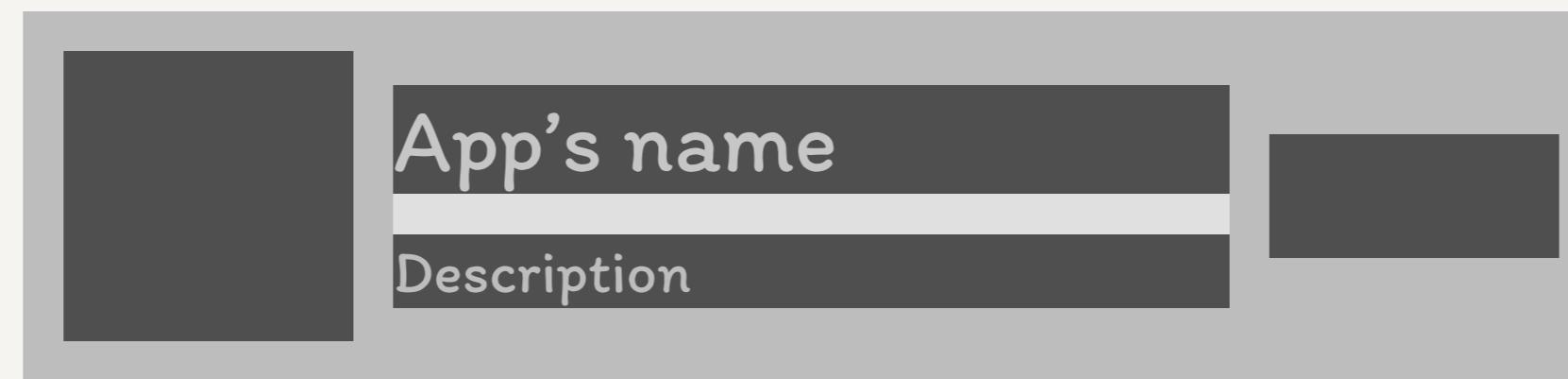
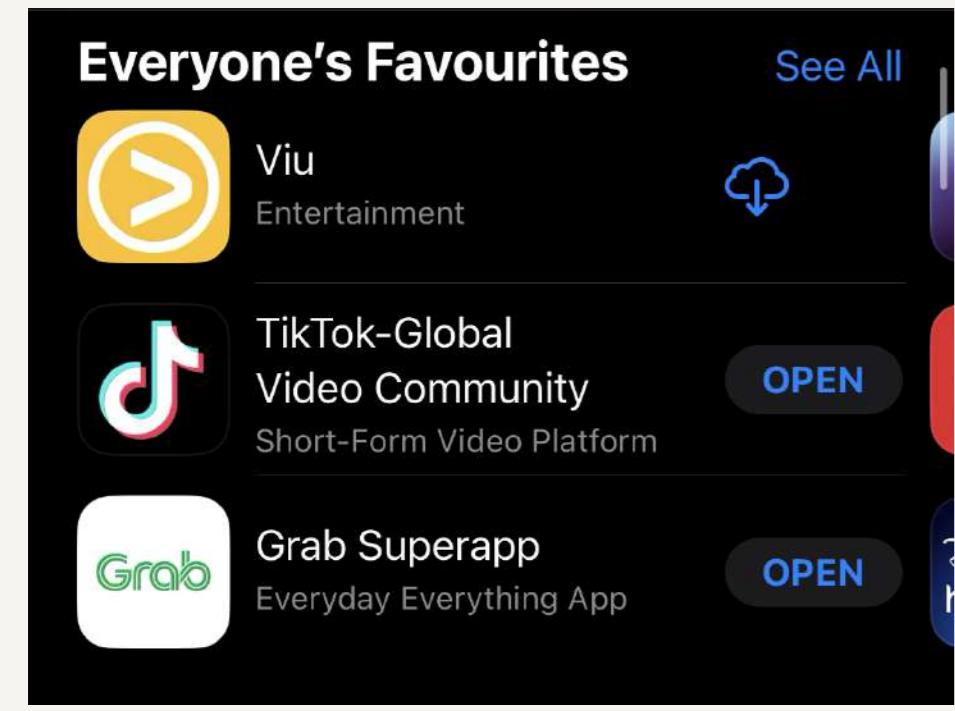
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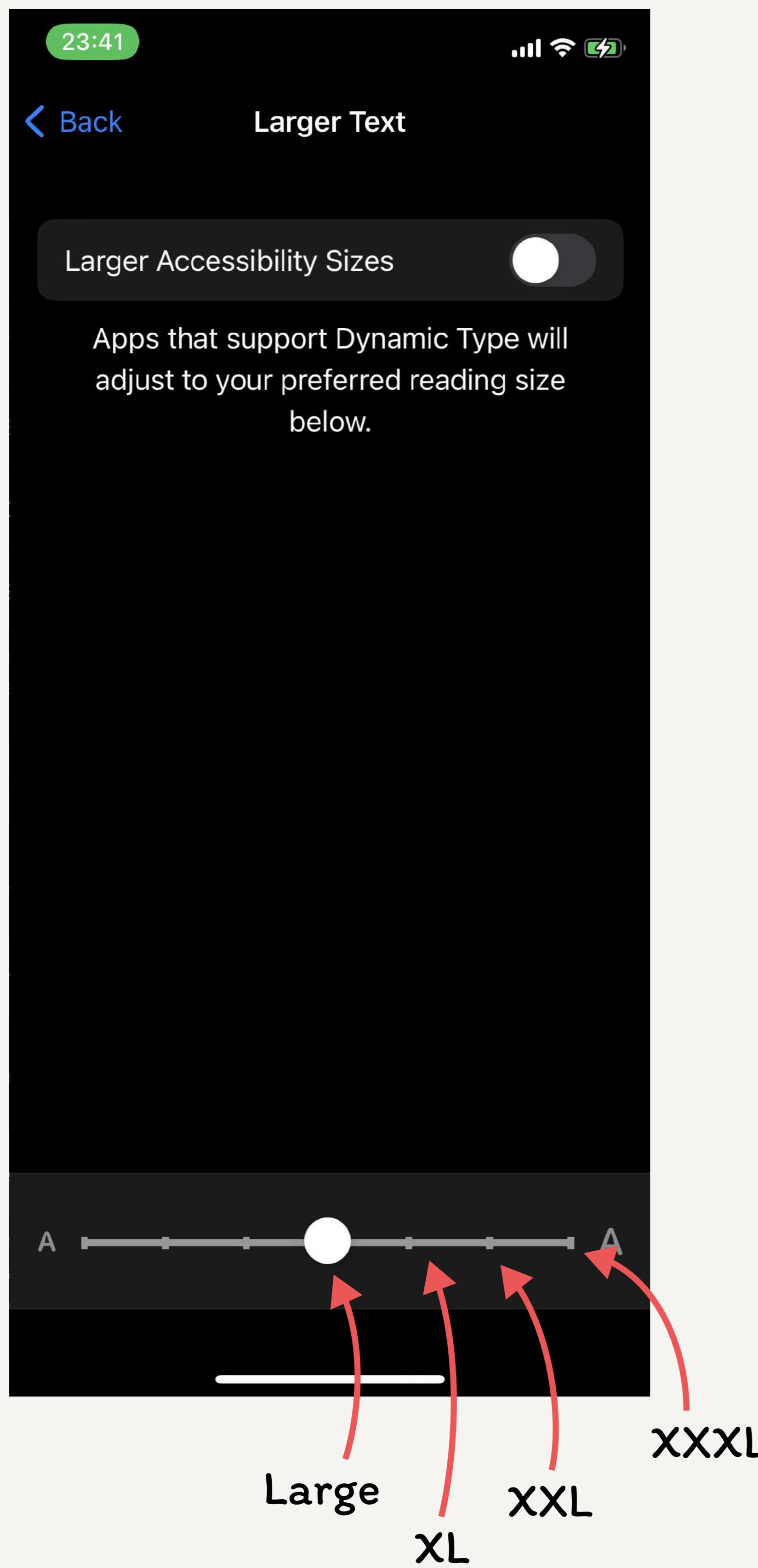
AX1

AX2

AX3



Fixed



### xxLarge

Style	Weight	Size (points)	Leading (points)
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Title 1	Regular	32	39
Title 2	Regular	26	32
Title 3	Regular	24	30
Headline	Semibold	21	26
Body	Regular	21	26

### xLarge

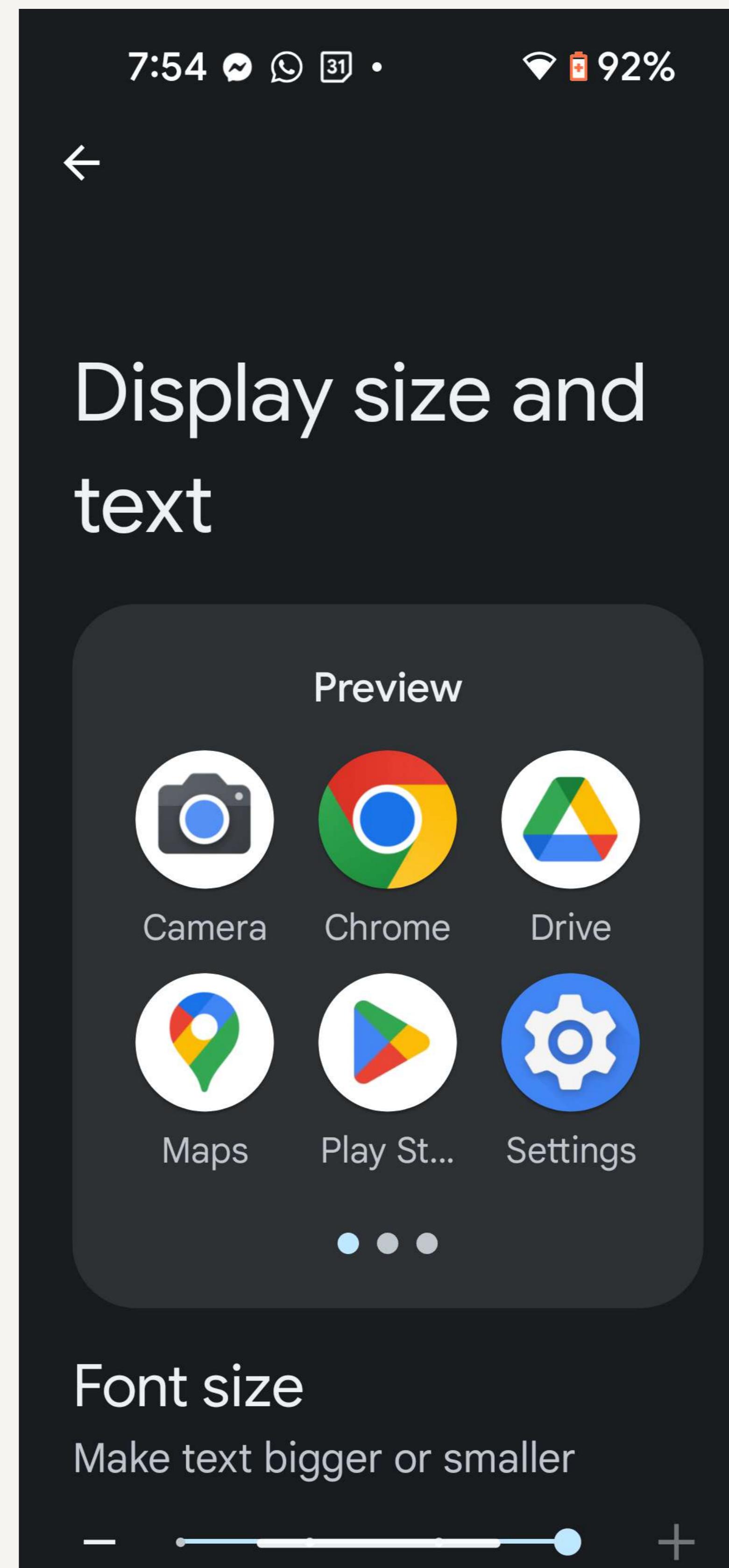
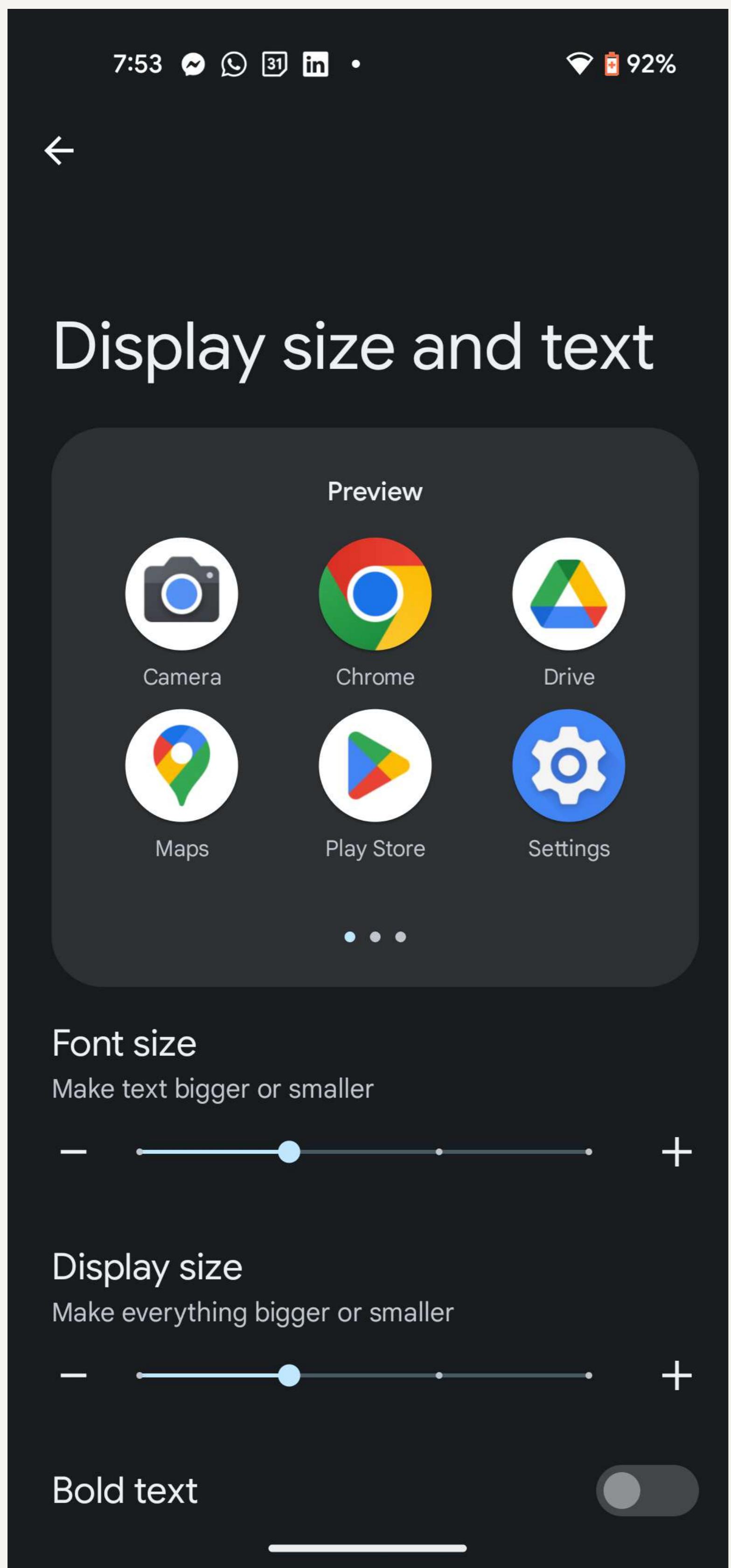
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Title 3	Regular	22	28
Headline	Semibold	19	24
Body	Regular	19	24

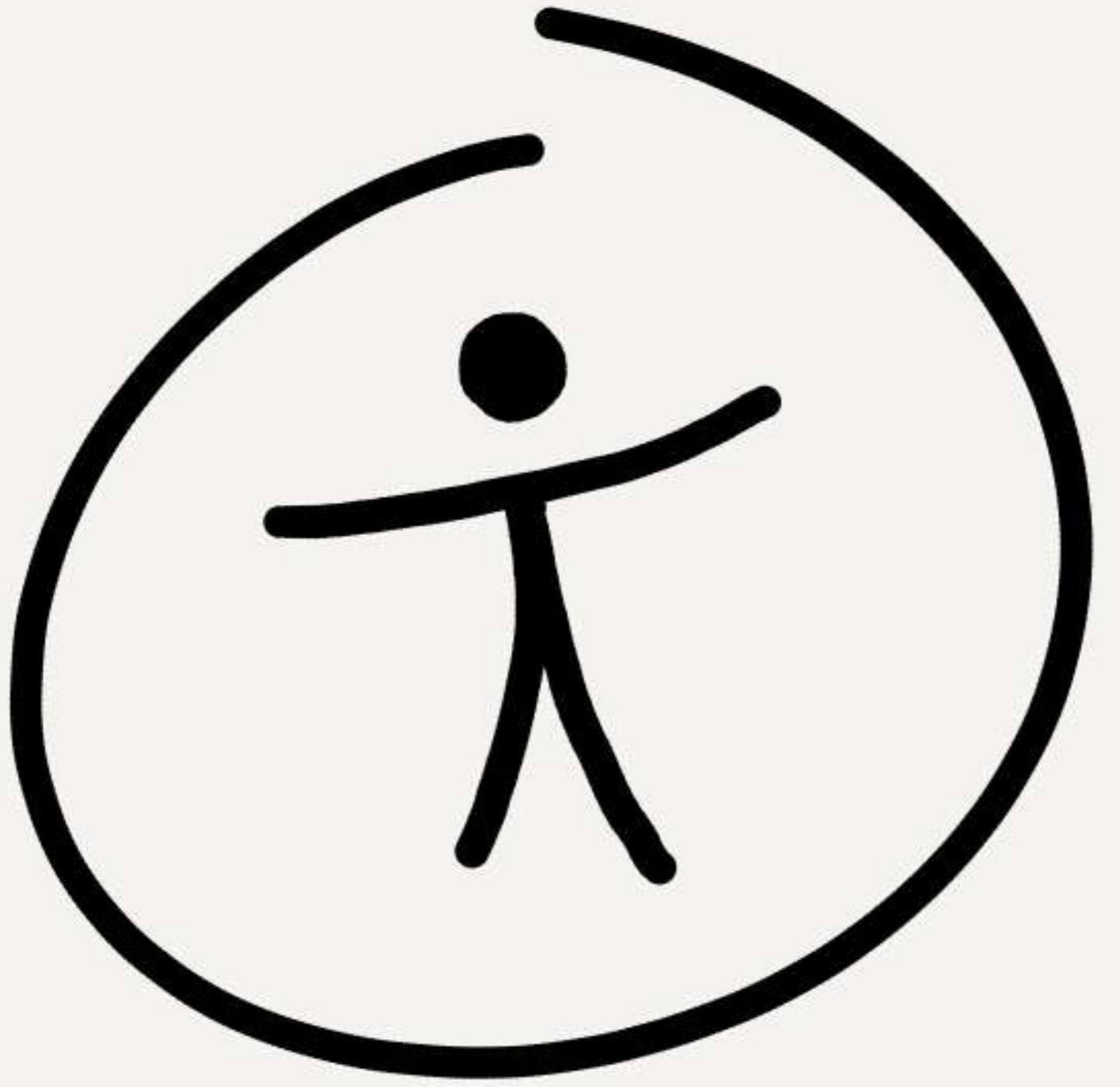
### Large (Default)

Style	Weight	Size (points)	Leading (points)
Large Title	Regular	34	41
Title 1	Regular	28	34
Title 2	Regular	22	28
Title 3	Regular	20	25
Headline	Semibold	17	22
Body	Regular	17	22

<https://developer.apple.com/design/human-interface-guidelines/foundations/typography/>

<https://en.wikipedia.org/wiki/Leading>





# Accessibility

⚡ Offline First

👁️ Color Contrast

Ƒ Font Scale

<A> Alternative Text

👁️ Blind Mode

W Nan River - Wikipedia

en.wikipedia.org/wiki/Nan\_River

Article Talk

# Nan River

From Wikipedia, the free encyclopedia

The Nan River (Thai: แม่น้ำน่าน, RTGS: Maenam Nan, pronounced [mɛ̂ː.náːm nâːn]) is a river in Thailand. It is one of the most important tributaries of the Chao Phraya River.

**Contents [hide]**

- 1 Geography
  - 1.1 Tributaries
  - 1.2 Waterfalls
- 2 Drainage
  - 2.1 Greater Nan Basin
  - 2.2 Nan Basin
- 3 History
  - 3.1 Early civilizations
  - 3.2 Houseboats
  - 3.3 Naresuan Dam
- 4 Pollution
- 5 References
- 6 External links

**Geography [edit]**

The Nan River originates in the Luang Prabang Range, Nan Province. The provinces along the river after Nan Province are Uttaradit, Phitsanulok and Phichit. The Yom River joins the Nan River at Chum Saeng District, Nakhon Sawan Province. When the Nan river joins together with the Ping River at Pak Nam Pho within the town Nakhon Sawan it becomes the Chao Phraya River. The Nan river runs about 630 kilometres (390 mi) south.

**Tributaries [edit]**

Main article: [Tributaries of the Chao Phraya River](#)

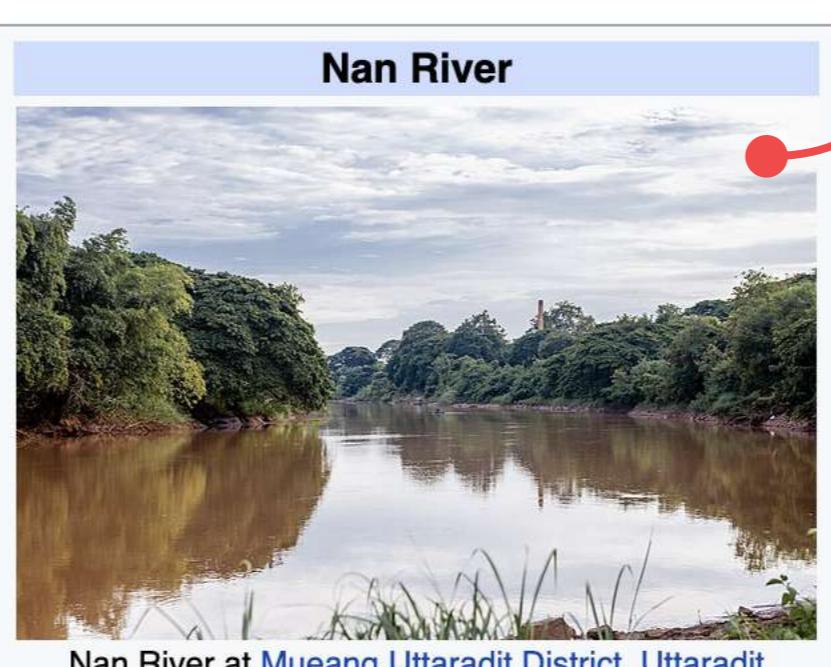
The chief tributary of the Nan is the Yom River, which joins the Nan within Chum Saeng District in Nakhon Sawan Province. Other direct tributaries include Khlong Butsabong and Khlong San Thao of the lower Nan Basin, the Wat Ta Yom and Wang Thong Rivers which join the Nan within Phichit Province, the Khwae Noi River which joins the Nan within Phitsanulok Province, Khlong Tron and Nam Pat, which join the Nan within Uttaradit Province, Lam Wa, Nam Haet, Nam Pua, Nam Yao and Nam Hao, which join the Nan within Nan Province.

**Waterfalls [edit]**

Kaeng Luang is a waterfall on the Nan River in Nan Province.<sup>[3]</sup>




**Nan River**



Nan River at Muang Uttaradit District, Uttaradit Province



Map of the Chao Phraya River drainage basin showing the Nan River

Location	
Country	Thailand
Cities	Nan, Uttaradit, Phitsanulok, Phichit, Nakhon Sawan
Physical characteristics	
Source	<ul style="list-style-type: none"> <li>• location Luang Prabang Range, Bo Kluea District, Nan Province</li> <li>• coordinates 19°20'0"N 101°12'0"E</li> <li>• elevation 1,240 m (4,070 ft)</li> </ul>
Mouth	Confluence with Ping River
Length	740 km (460 mi) <sup>[1]</sup>
Basin size	57.947 km <sup>2</sup> (22,373 sq mi)

# #alternate Edit this page Wikipedia (en)

## Nan River

From Wikipedia, the free encyclopedia

Jump to navigation Jump to search

Mahor tributary of the Chao Phraya River

**Nan River**

**Nan River, Uttaradit (I).jpg**  
Nan River at Muang Uttaradit District, Uttaradit Province  
Chaophrayarivermap.png  
Map of the Chao Phraya River drainage basin showing the Nan River

**Location**

Country Thailand  
Cities Nan, Uttaradit, Phitsanulok, Phichit, Nakhon Sawan

**Physical characteristics**

Source

- location Luang Prabang Range, Bo Kluea District, Nan Province
- coordinates 19°20'0"N 101°12'0"E / 19.33333 N 101.20000 E
- elevation 1,240 m (4,070 ft)

Mouth Confluence with Ping River

o location Pak Nam Pho, Nakhon Sawan Province

o elevation 25 m (82 ft)

Length 740 km (460 mi)<sup>[1]</sup>  
Basin size 57,947 km<sup>2</sup> (22,373 sq mi)

Discharge

- o location Nakhon Sawan<sup>[2]</sup>
- o average 472 m<sup>3</sup>/s (16,700 cu ft/s)
- o maximum 1,522 m<sup>3</sup>/s (53,700 cu ft/s)

Basin features

Tributaries

- o left Lam Wa, Nam Pat, Khwae Noi River, Wang Thong River
- o right Yom River

The Nan River (Thai: แม่น้ำน่าน, RTGS: Maenam Nan, pronounced [mɛ̂ː.náːm nâːn]) is a river in Thailand. It is one of the most important tributaries of the Chao Phraya River.

Map of the Thai highlands showing the Nan River and the Sirikit Dam

(NORMAL LINK) Use right-arrow or <return> to activate.

Arrow keys: Up and Down to move. Right to follow a link; Left to go back. Help Options Print Go Main screen Quit /-search [delete]-history list

The Nan River (Thai: แม่น้ำน่าน, RTGS: Maenam Nan, pronounced [mɛː.náːm náːn]) is a river in Thailand. It is one of the most important tributaries of the Chao Phraya River.

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Map of the Thai highlands showing the Nan River and the Sirikit Dam



Nan River at Mueang Uttaradit District, Uttaradit Province



Map of the Chao Phraya River drainage basin showing the Nan River

Elements Console Sources Performance insights Network Performance Memory Application Security Lighthouse Recorder

Styles Computed Layout Event Listeners >

Filter :hov .cls +

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```

Home | Cambridge University P X

cambridge.org

Elements Console Sources ▾

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Filter

```
element.style {  
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As the first Hispanic woman to go to space, and, later, the first Hispanic director of Johnson Space Center, Ellen Ochoa is widely regarded as a role model.

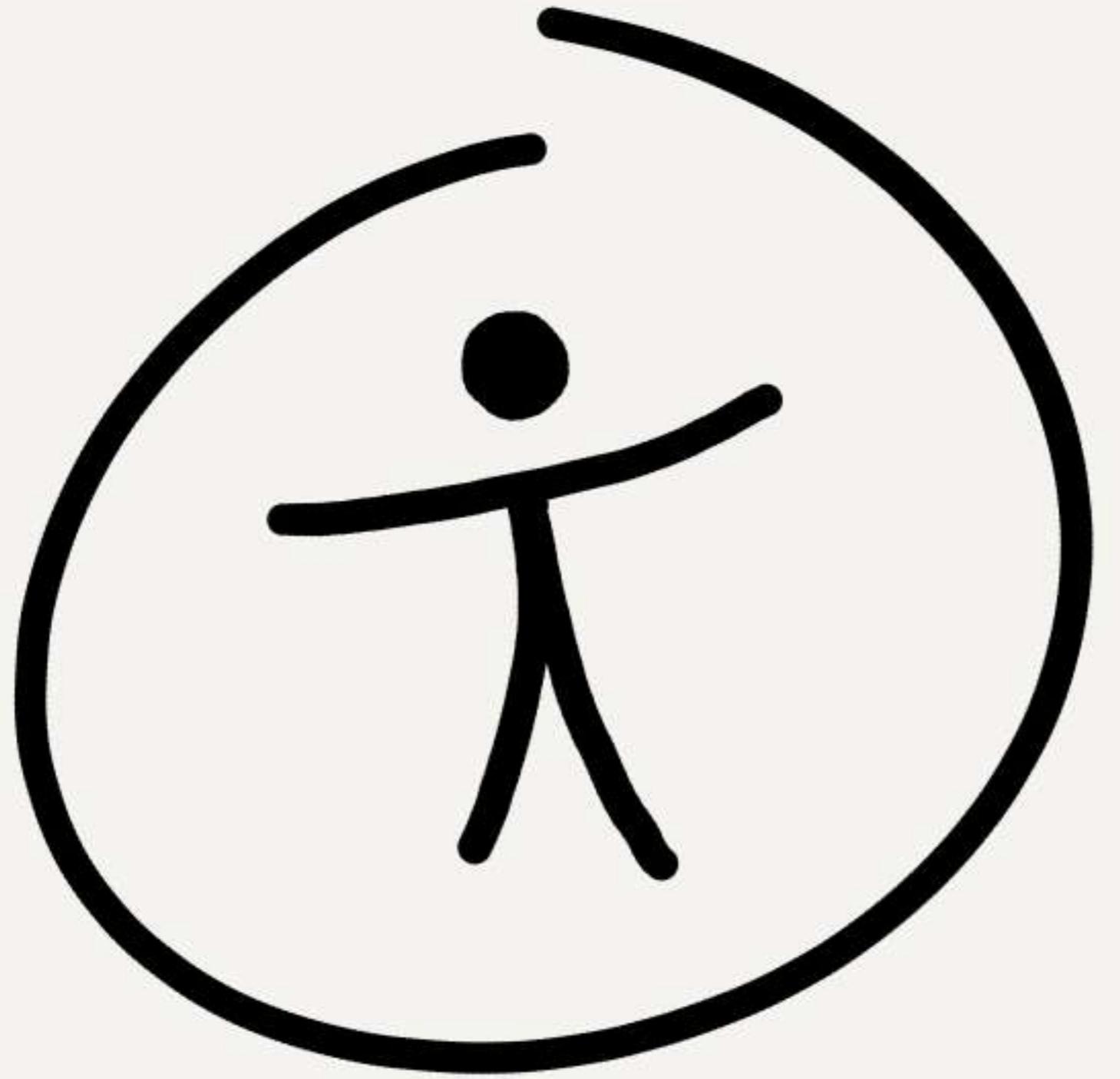
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- B) "Image of Ellen Ochoa, Astronaut"
- C) "Ellen Ochoa, the first Hispanic woman to go into space"
- D) Empty alt attribute (alt="")



**Ellen Ochoa, Astronaut**

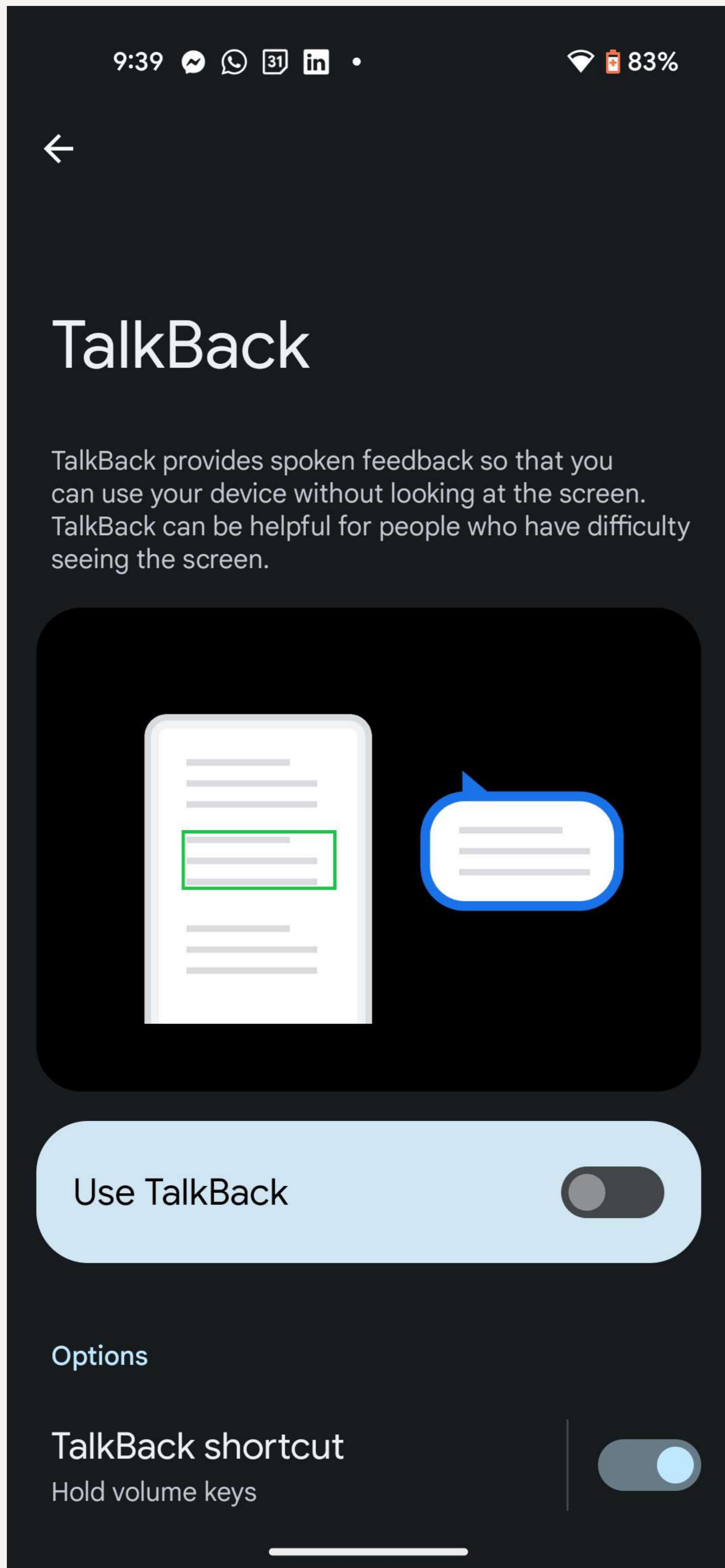
As the first Hispanic woman to go to space, and, later, the first Hispanic director of Johnson Space Center, Ellen Ochoa is widely regarded as a role model.

- A) "Image"
- B) "Ellen Ochoa"
- C) Empty alt attribute (alt="" )

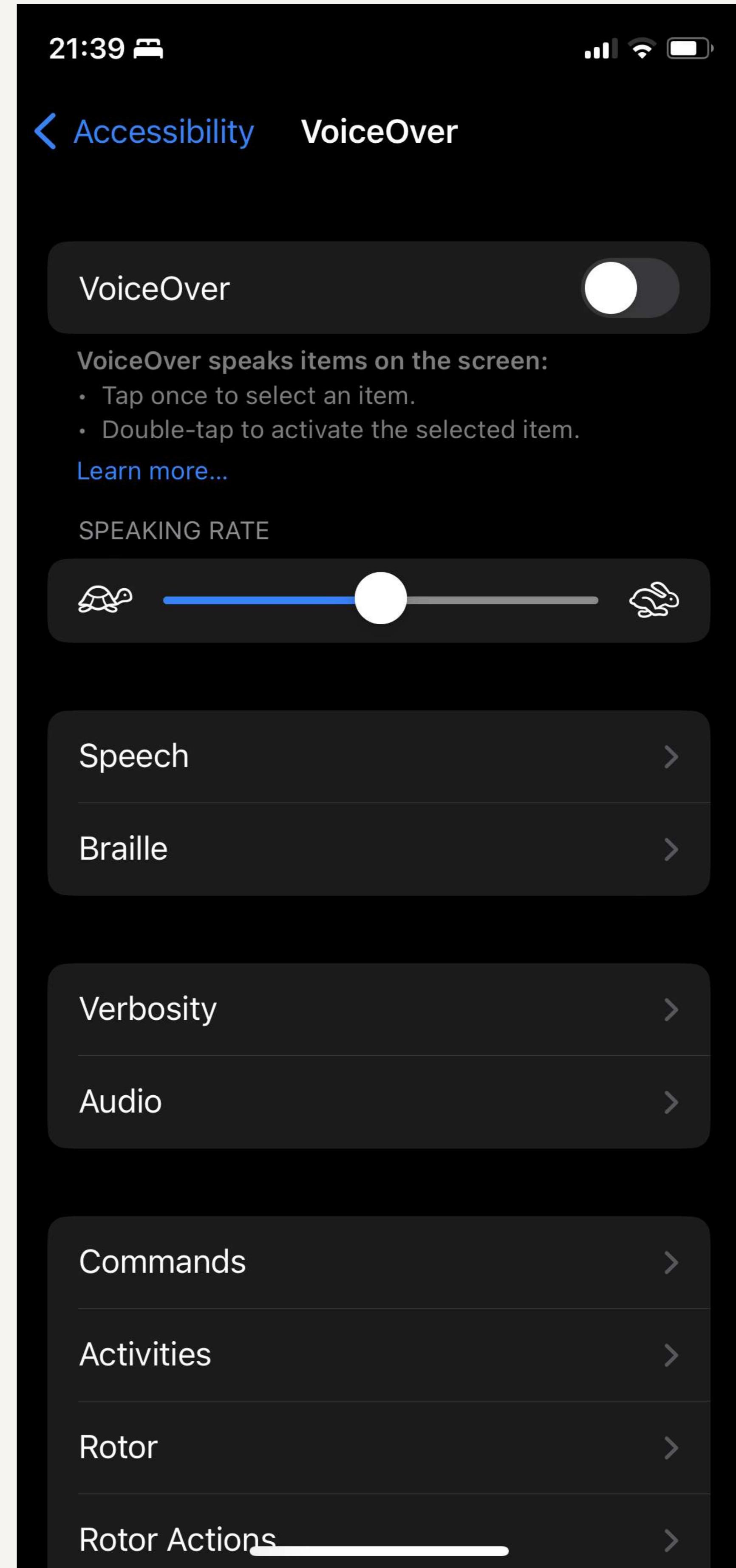


# Accessibility

- ⚡ Offline First
- 👁️ Color Contrast
- Ƒ Font Scale
- <A> Alternative Text
- 👁️ Blind Mode



Android



iOS

- Open Accessibility ->
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- Open App Store & Read Article
- How to use rotor
- Open Skooldio Web
- Open kasikornbank.com
-