

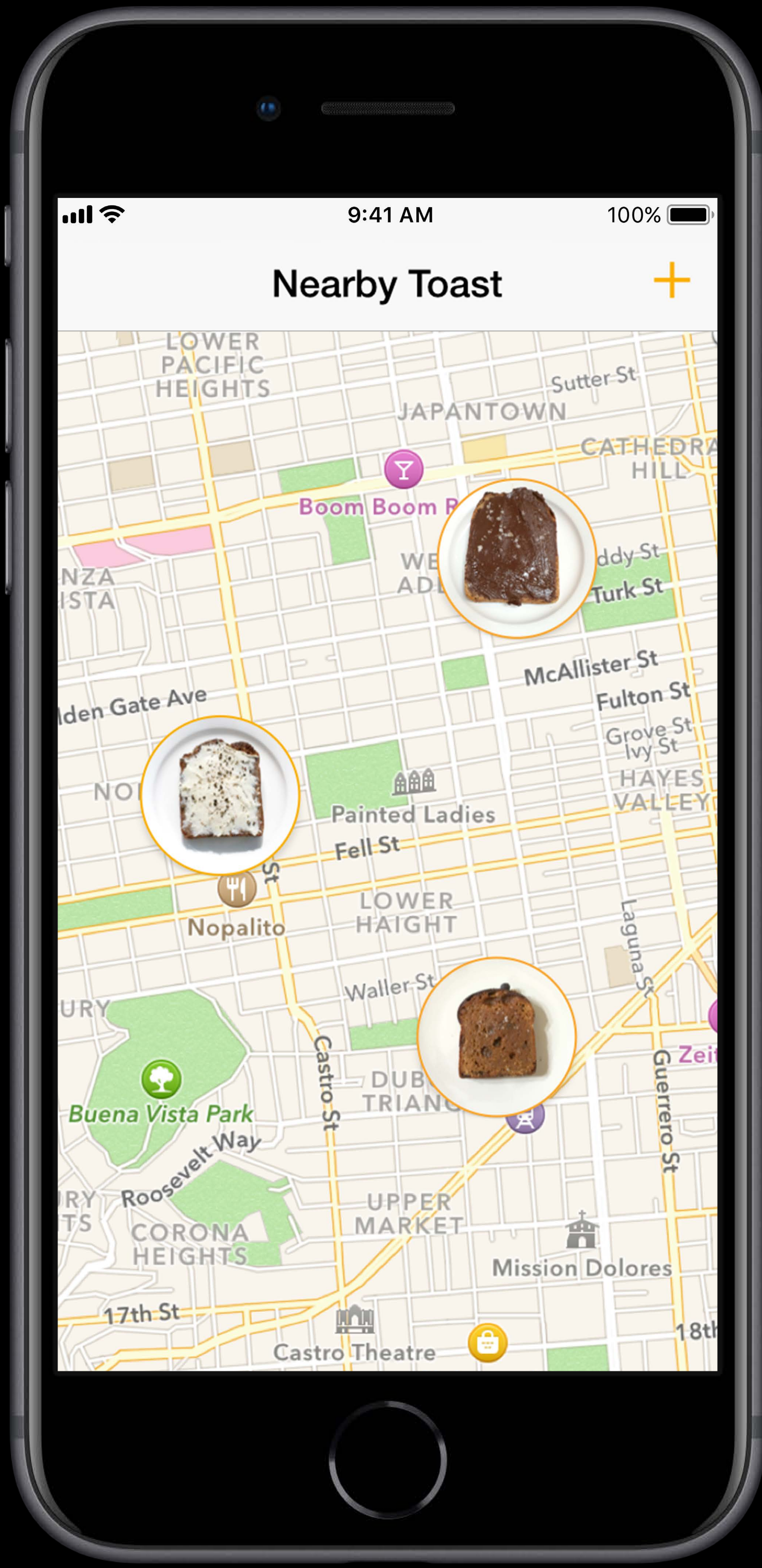
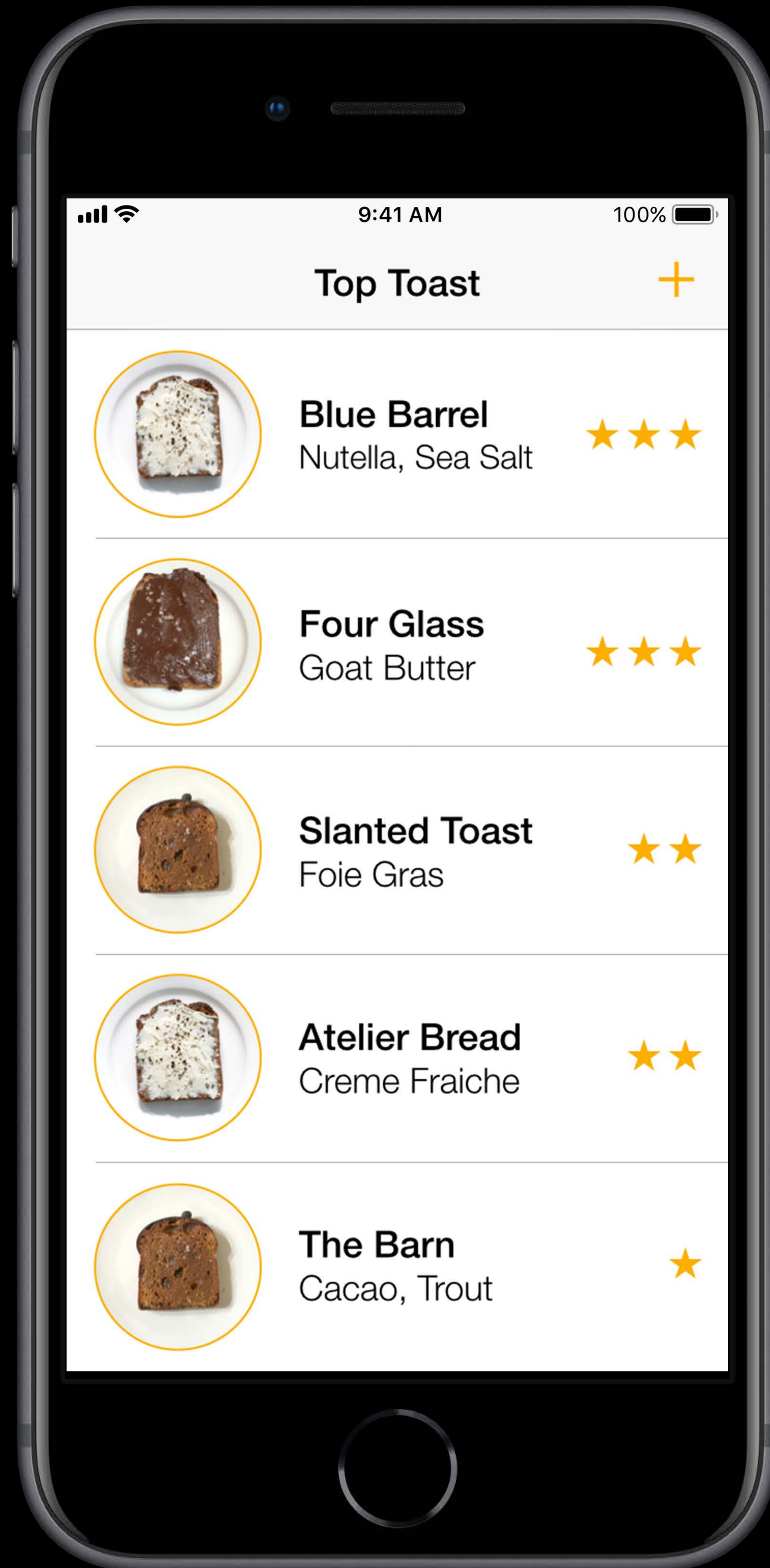
#WWDC18

# Prototyping for AR

Session 808

Praveen Sharma, Designer









# ToastAR





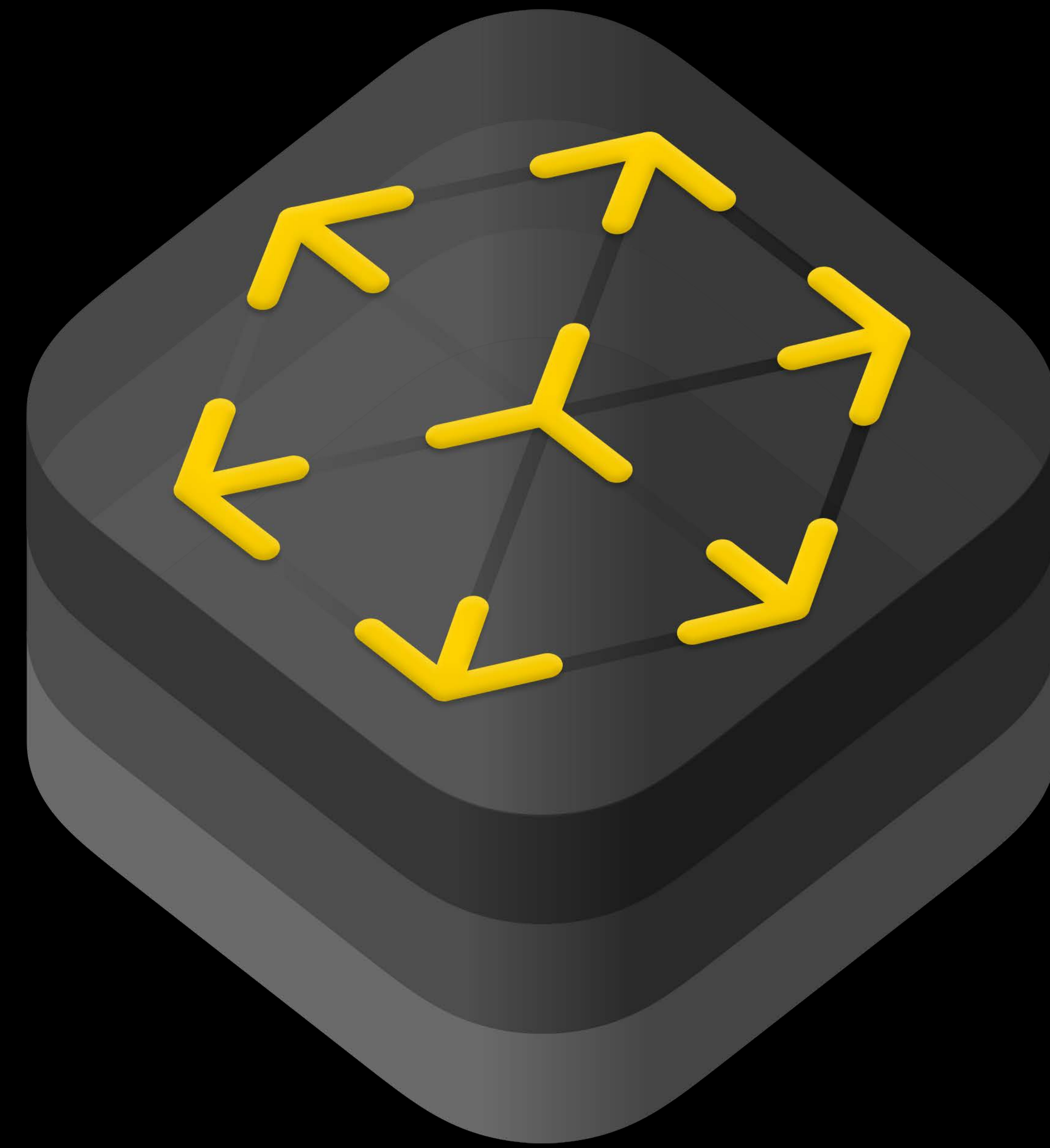
























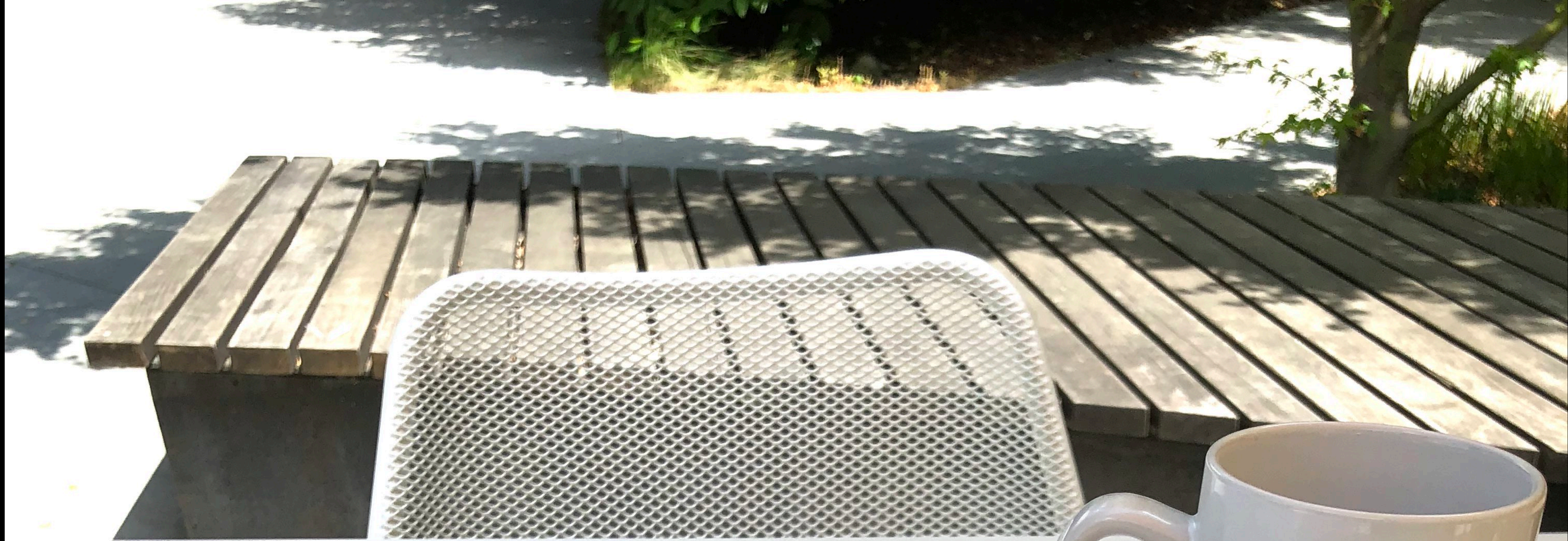


World space



Screen space





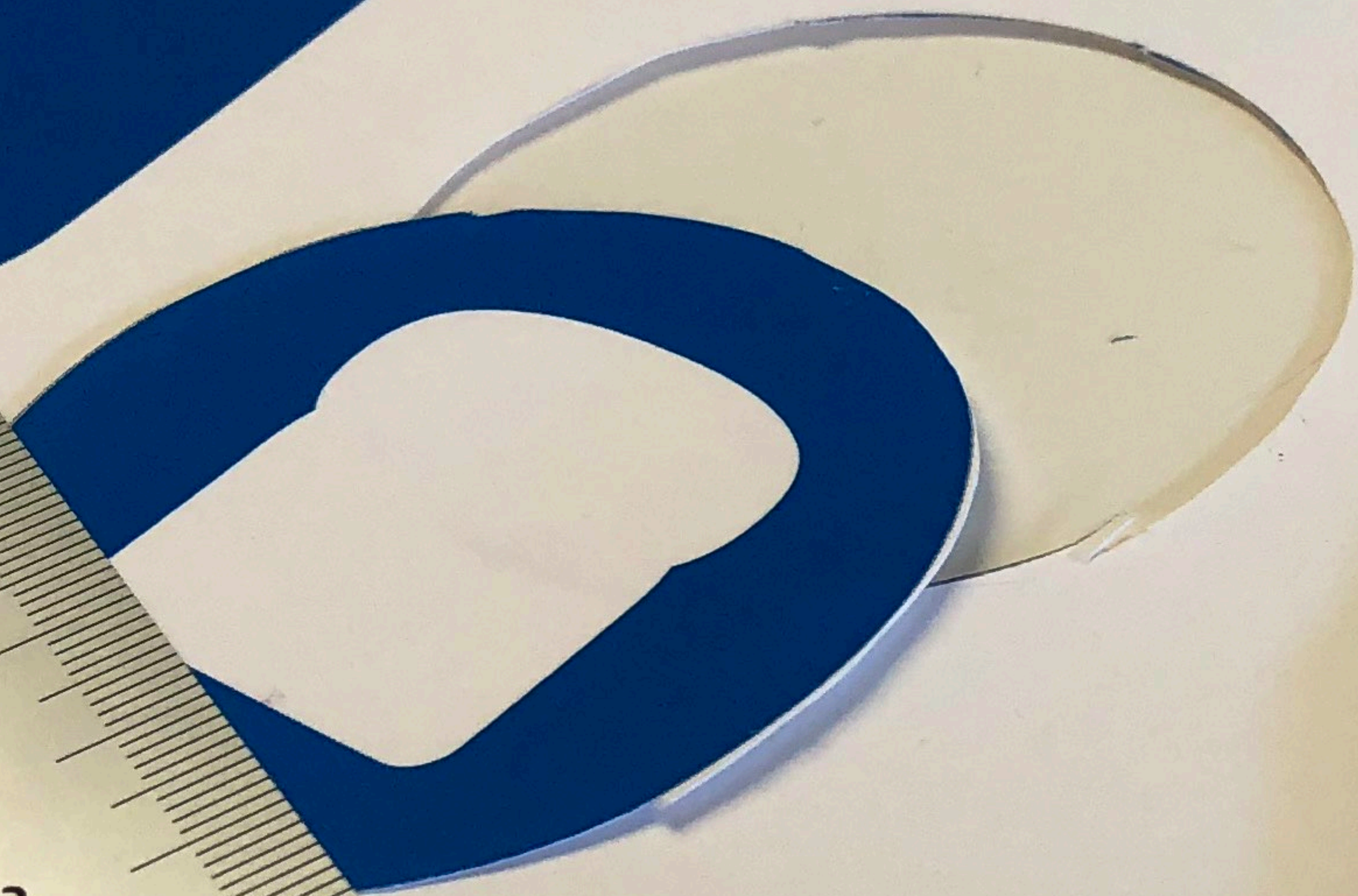
Cafe ToastAR  
★★★★☆





Cafe ToastAR  
★★★★★

Beach Buddies



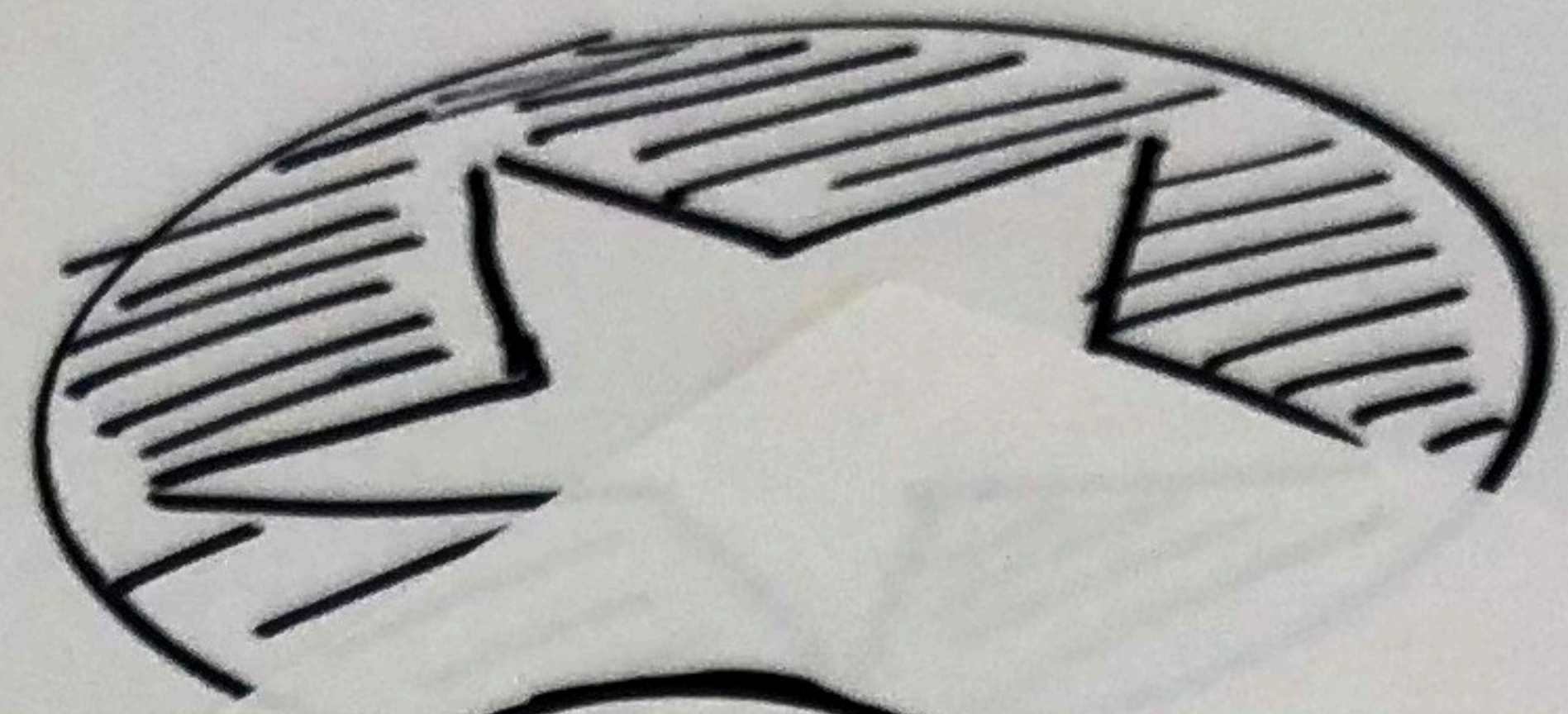
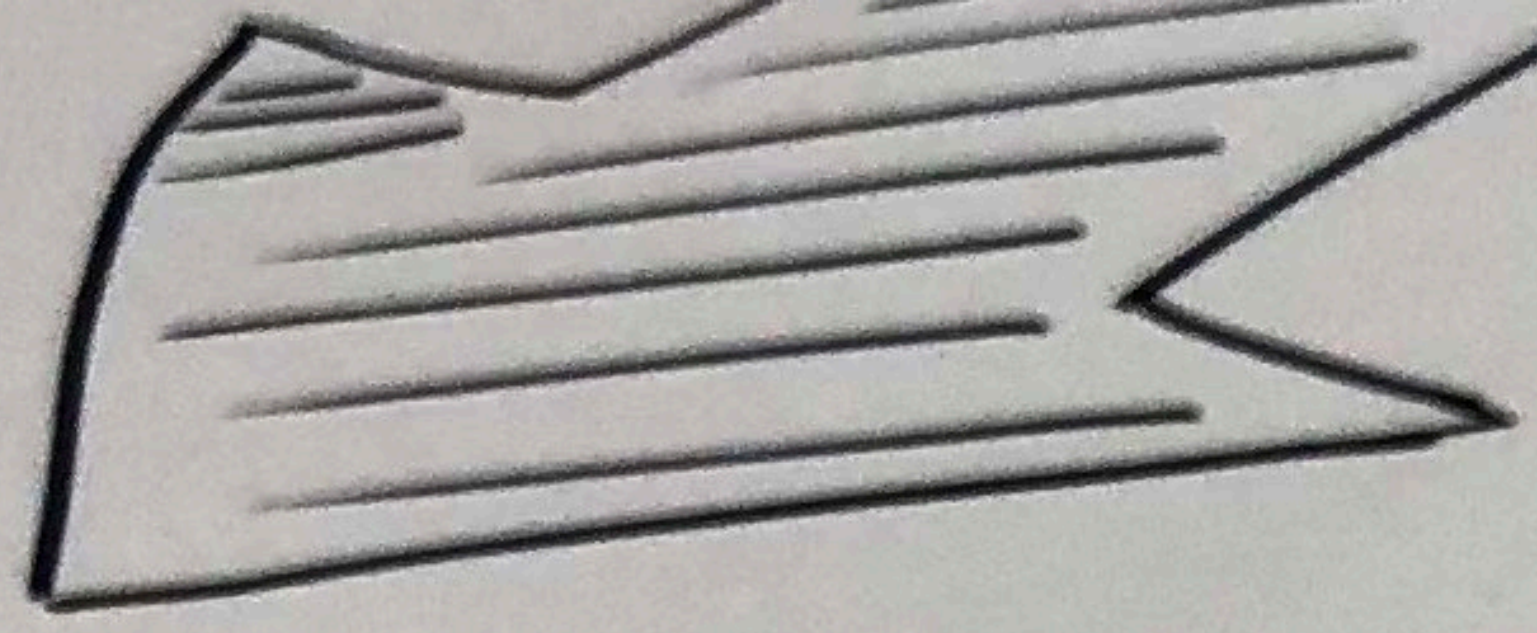
Toast



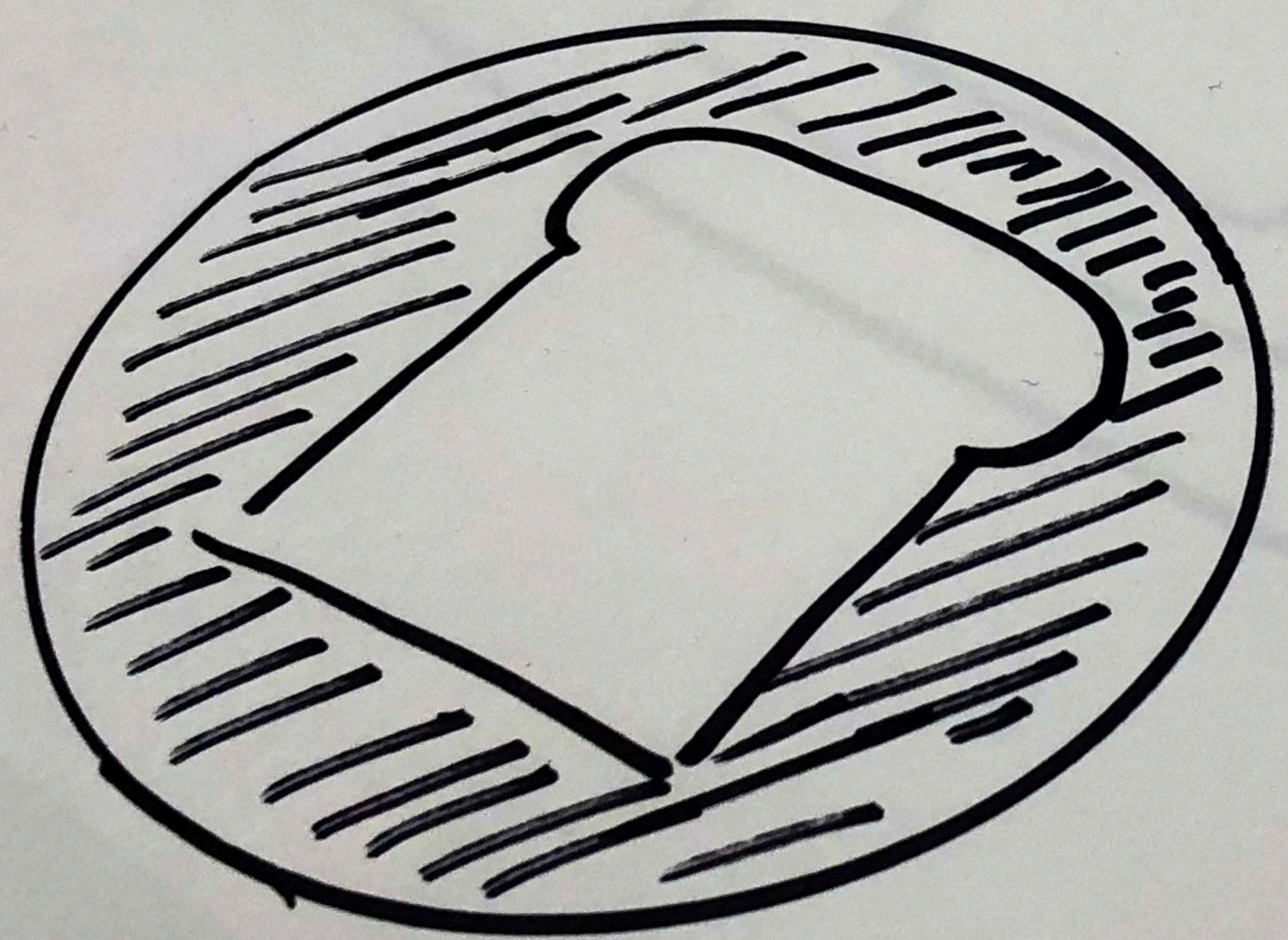
SEARCH SIGN  
IPAD

VISION BAKERY  
CAFFE

PICK  
BEL  
USED  
ST



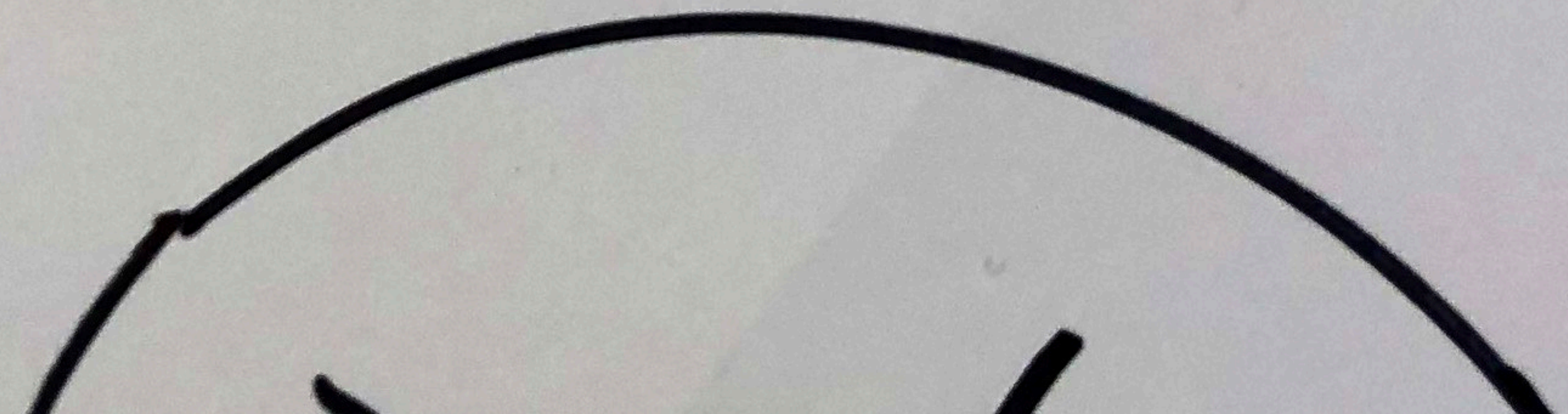
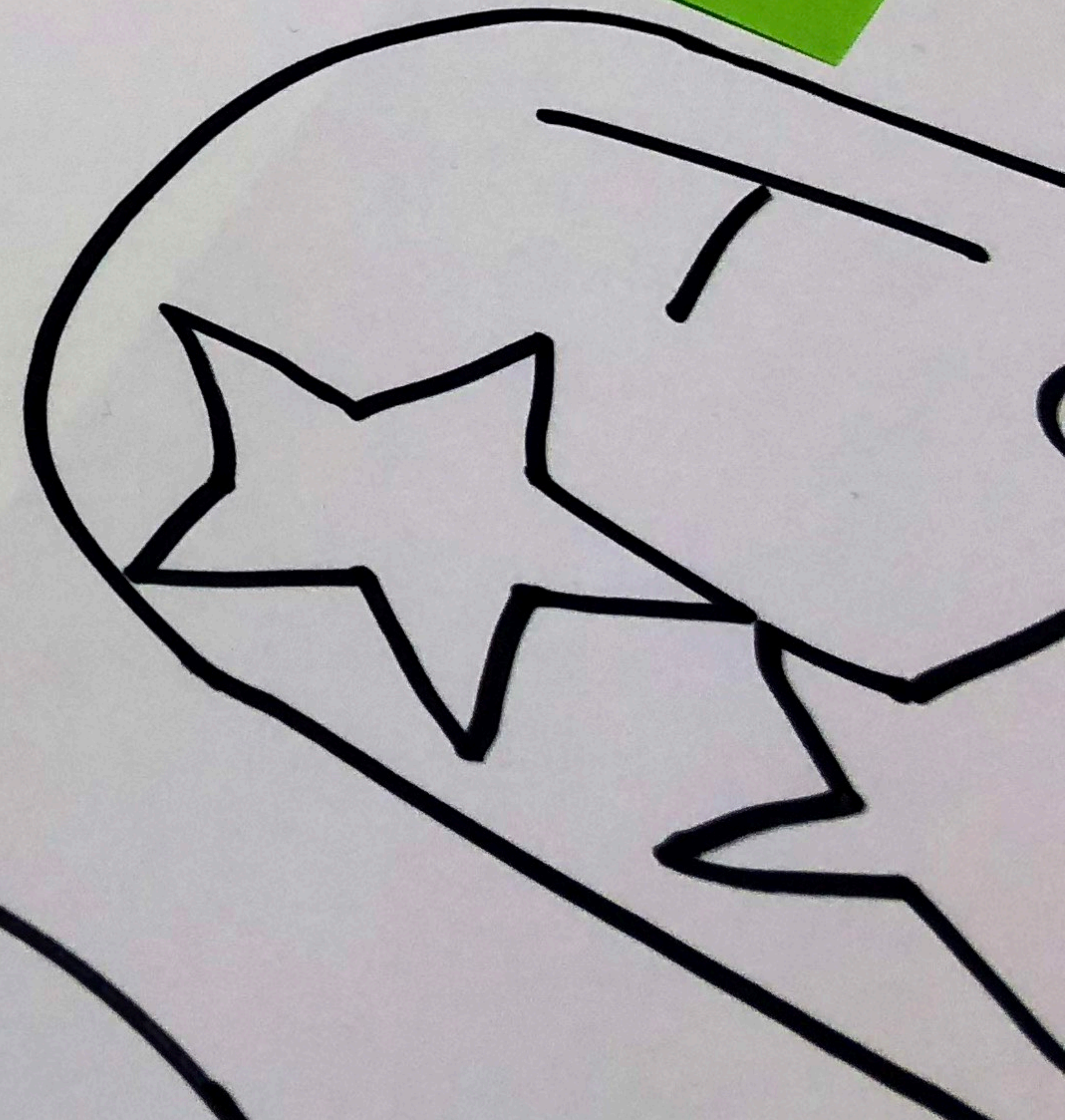
TOAST



GLASS

OUTLINE

DANGLER













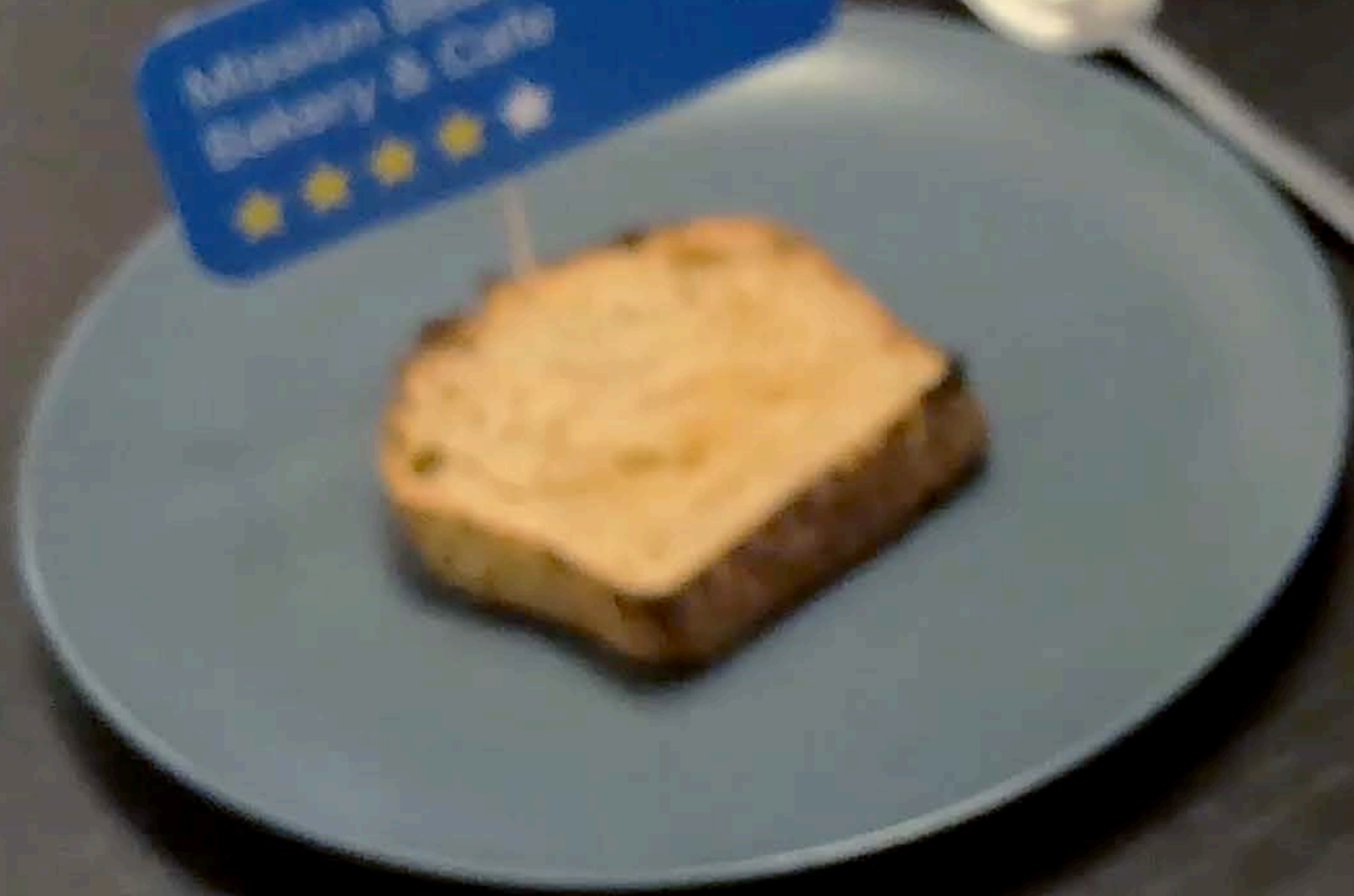






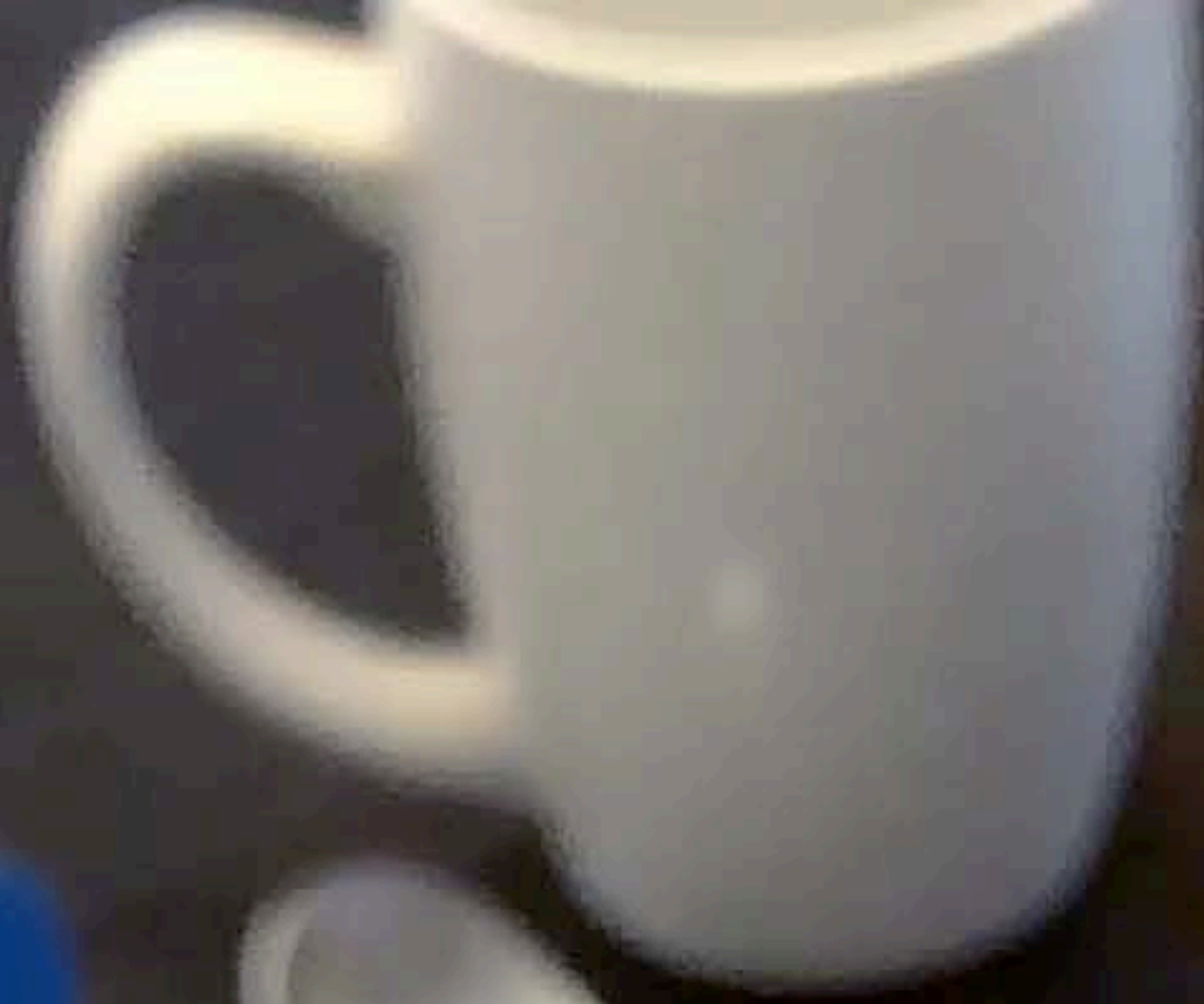
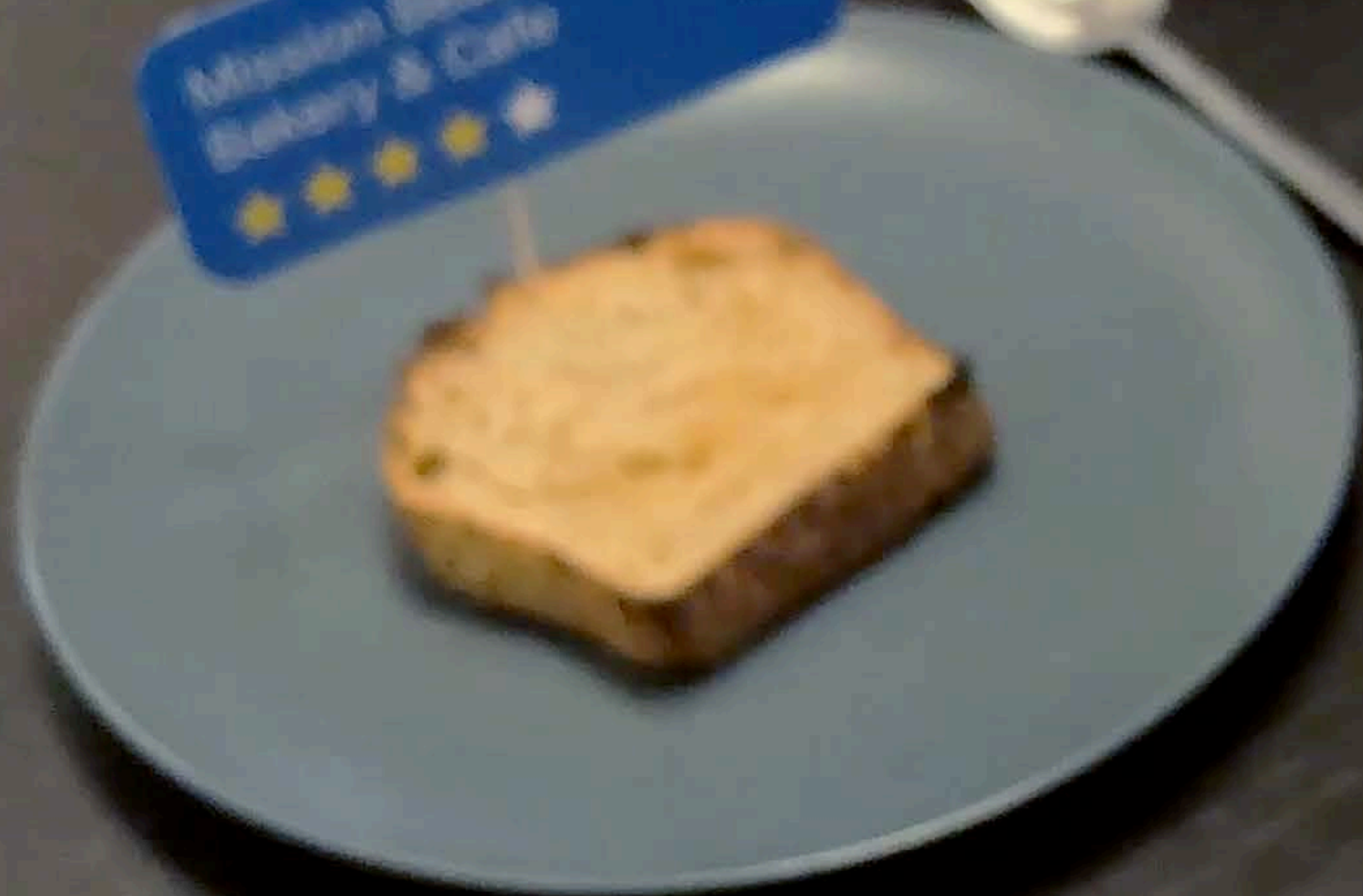


Mission Beach Burritos  
Bakery & Cafe  
★★★★★





Mission Beach Burritos  
Bakery & Cafe  
★★★★★





# Using Keynote for AR Prototyping

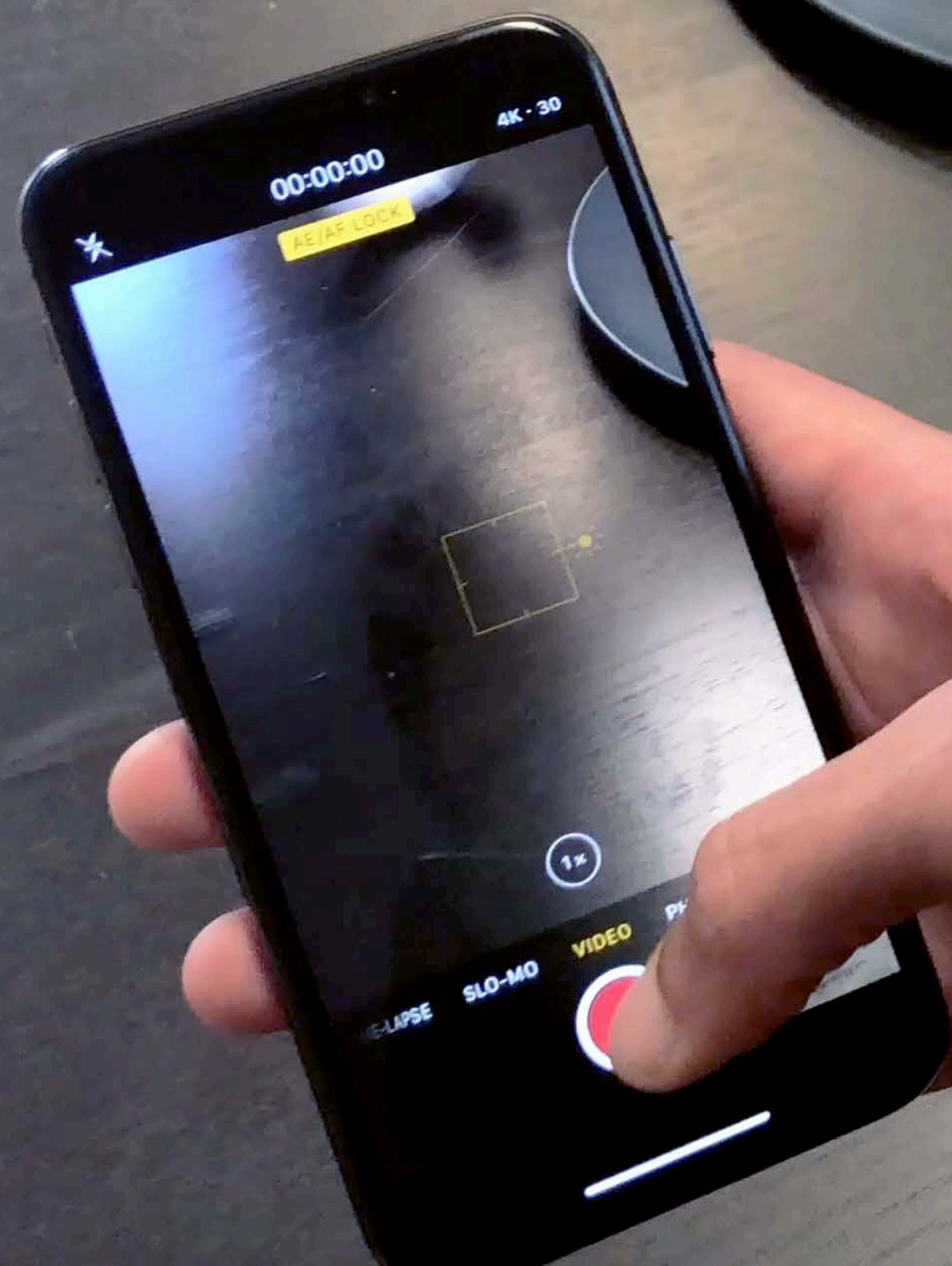
Record a video

Bring it into Keynote

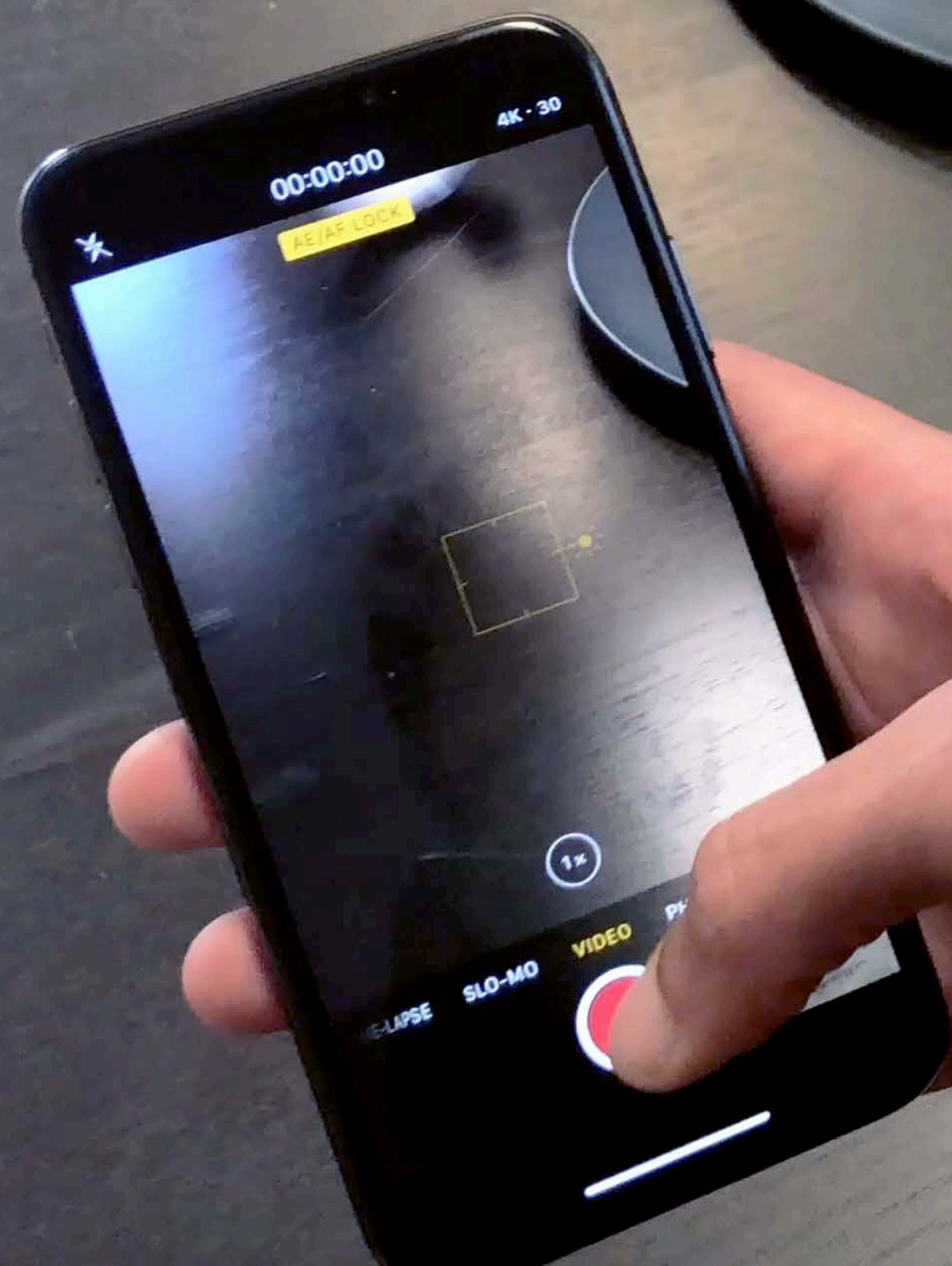
Animate our label

Put it on a device











# Using Keynote for AR Prototyping

Record a video

Bring it into Keynote

Animate our label

Put it on a device





Double-click to edit  
Double-click to edit



Theme **Black**  
Change Theme

Slideshow Settings

- Automatically play upon open
- Loop slideshow  
Press 'Esc' key to exit.
- Restart show if idle for  
15 m

Presentation Type

Normal  
Delay: 5.0 s (Transitions) 2.0 s (Builds)

Slide Size

Standard (4:3)

Require password to open  
Change Password...







Double-click to edit

Double-click to edit



Theme **Black**  
Change Theme

Slideshow Settings

- Automatically play upon open
- Loop slideshow  
Press 'Esc' key to exit.
- Restart show if idle for  
15 m

Presentation Type

Normal

Delay: 5.0 s (Transitions) 2.0 s (Builds)

Slide Size

Standard (4:3)

Require password to open  
Change Password...





# Using Keynote for AR Prototyping

Record a video

Bring it into Keynote

**Animate our label**

Put it on a device





1



Transitions

No Transition Effect

Add an Effect

Start Transition

On Click

Delay

0.50 s

Build Order





1



Transitions

No Transition Effect

Add an Effect

Start Transition

On Click

Delay

0.50 s

Build Order



# Using Keynote for AR Prototyping

Record a video

Bring it into Keynote

Animate our label

Put it on a device

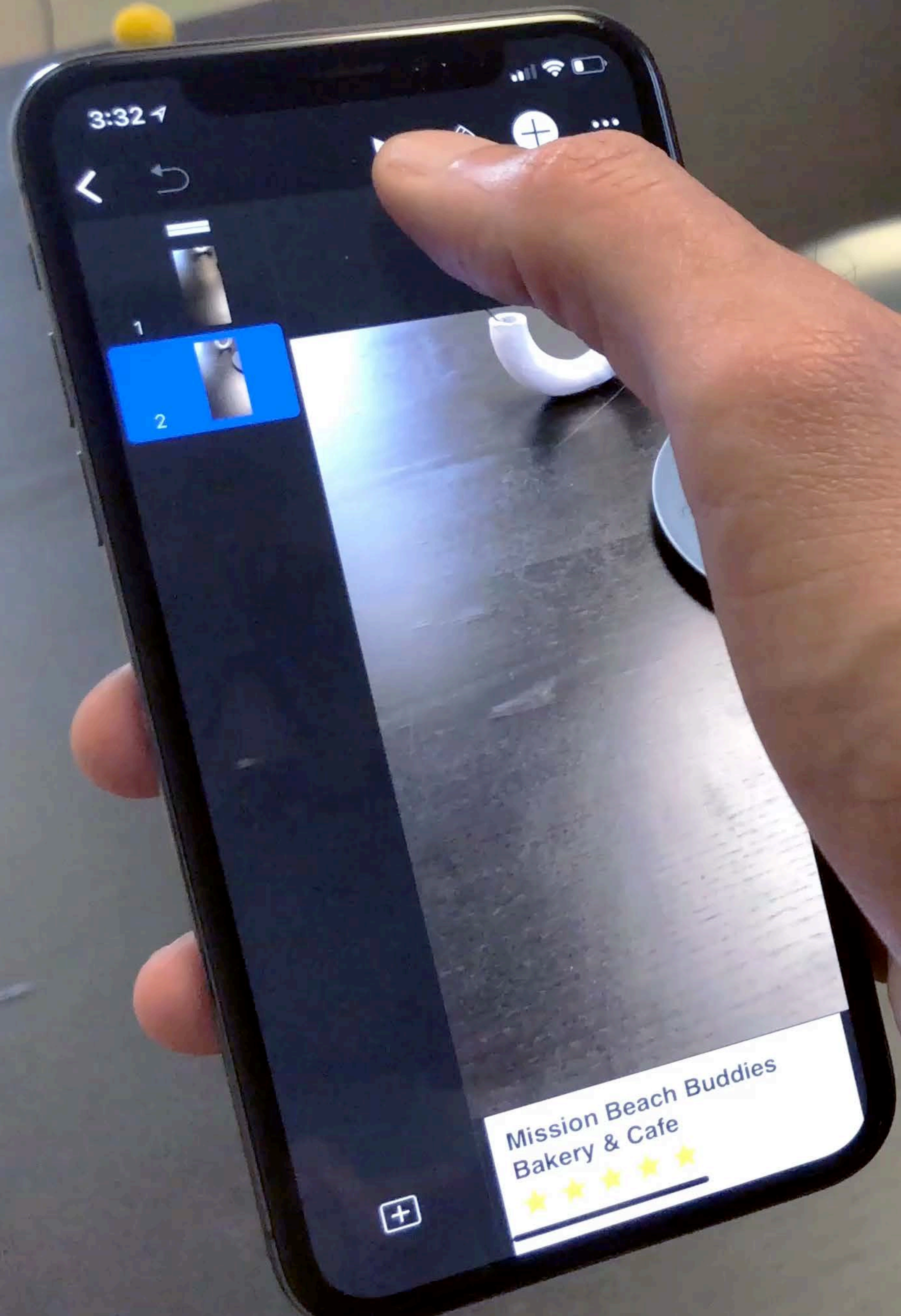










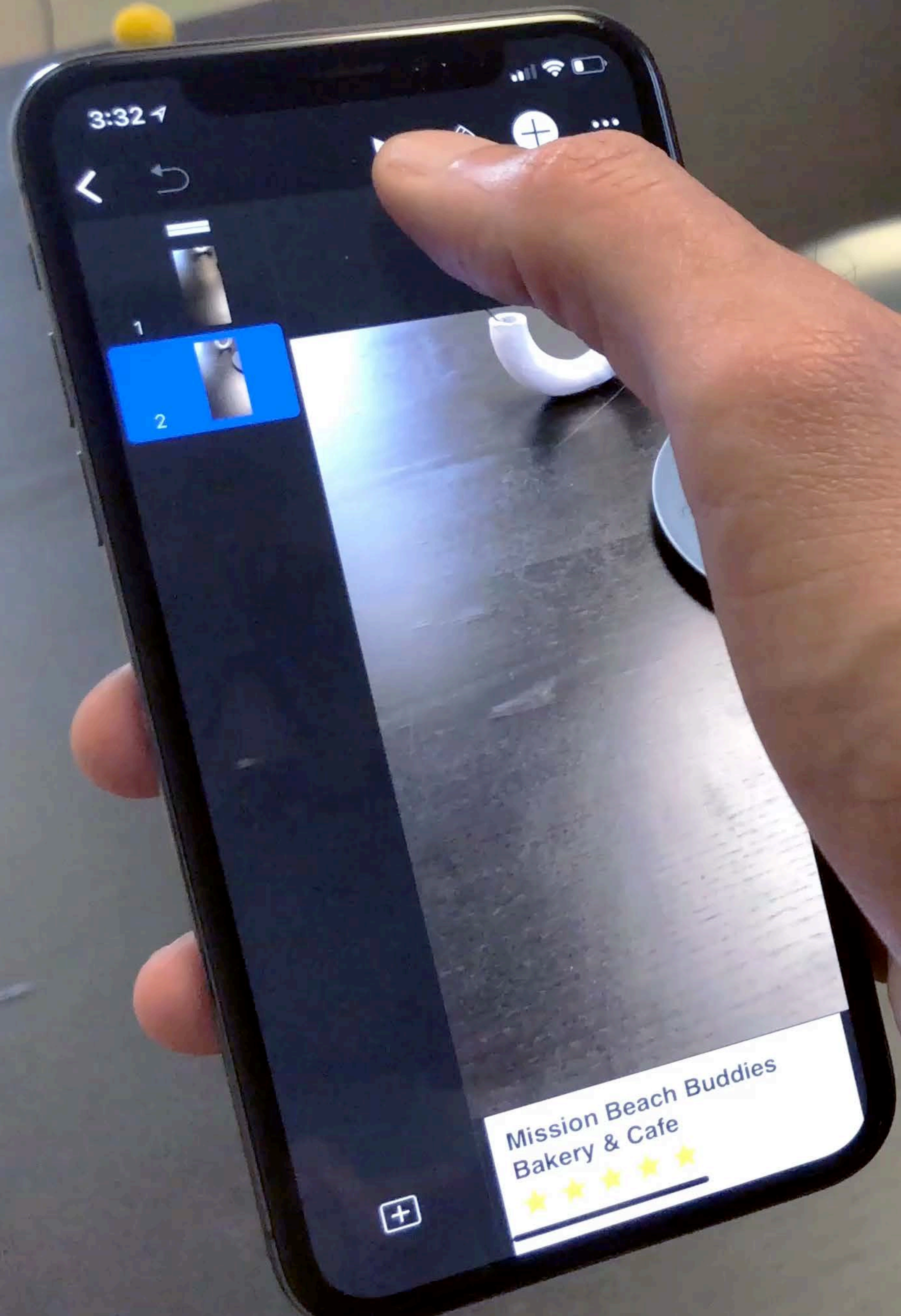


3:32

Mission Beach Buddies  
Bakery & Cafe







3:32

Mission Beach Buddies  
Bakery & Cafe





















# What Did We Learn?



# What Did We Learn?

Physical prototyping for testing AR experiences



# What Did We Learn?

Physical prototyping for testing AR experiences

Camera app for world space



# What Did We Learn?

Physical prototyping for testing AR experiences

Camera app for world space

Keynote for screen space



# Prototyping



# Prototyping

Test ideas

Save time and money building the right things



# Prototyping

Test ideas

Save time and money building the right things

Get new ideas

Make the experience of your product even better



# More Information

<https://developer.apple.com/wwdc18/808>



 **WWDC18**