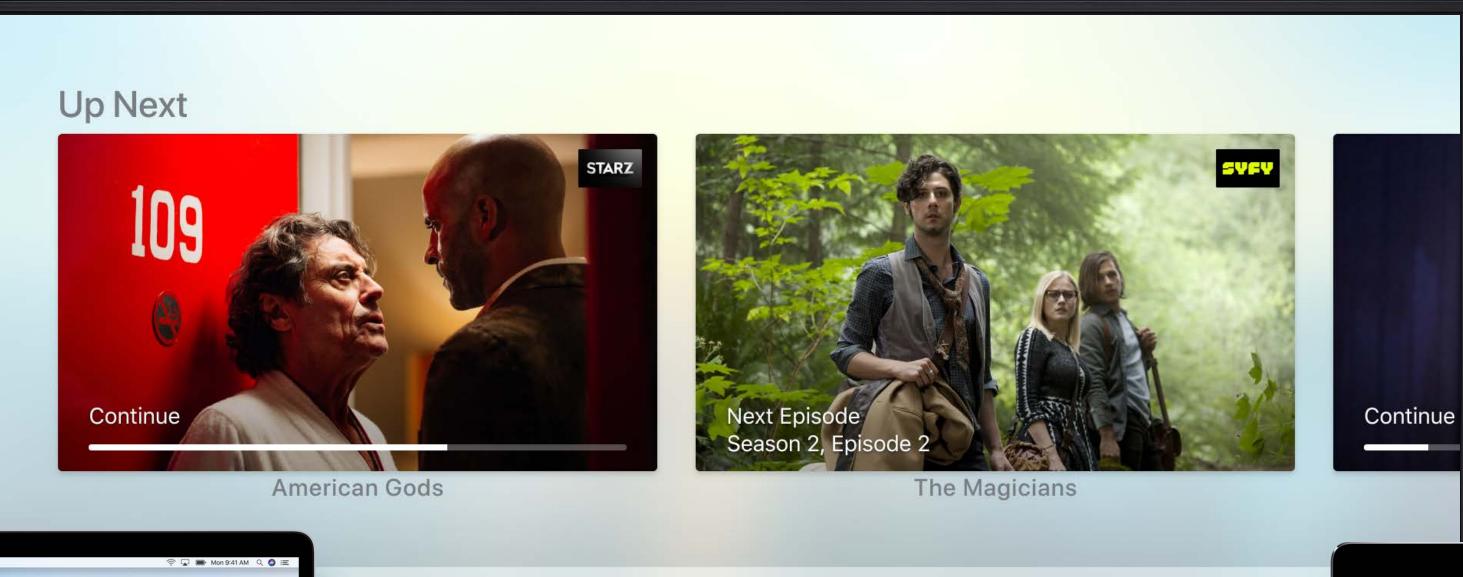
Design #WWDC17

Designing Across Platforms

Session 804

Cas Lemmens, Designer















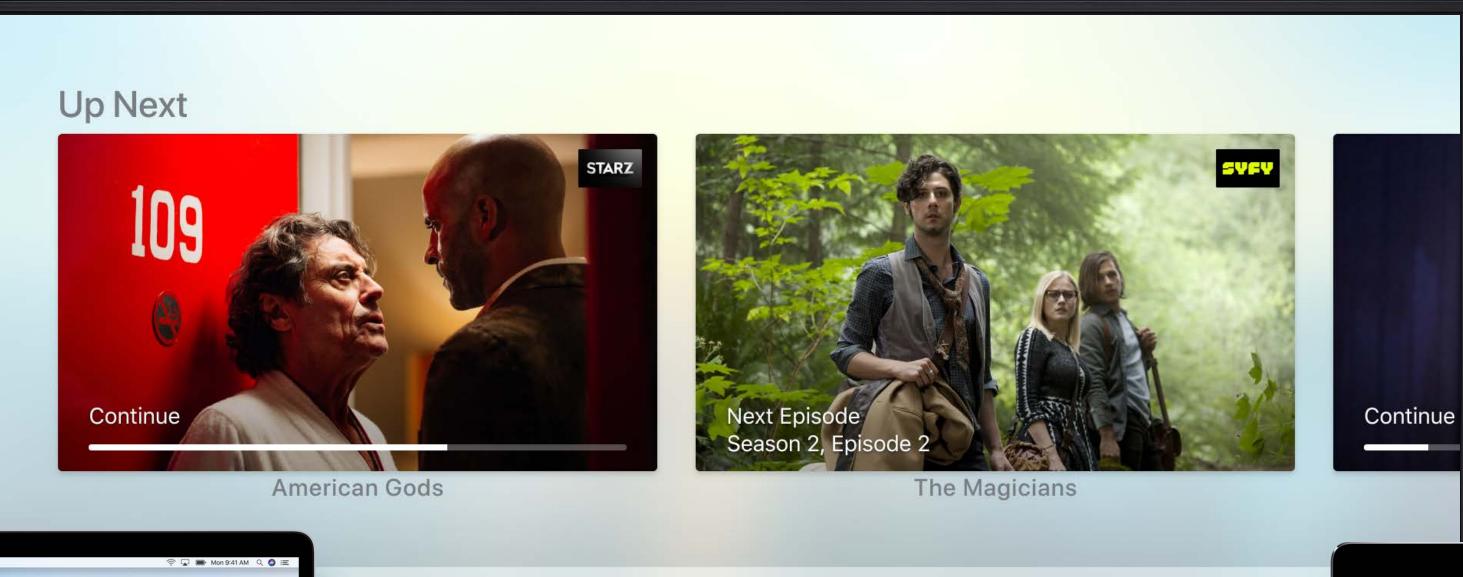




















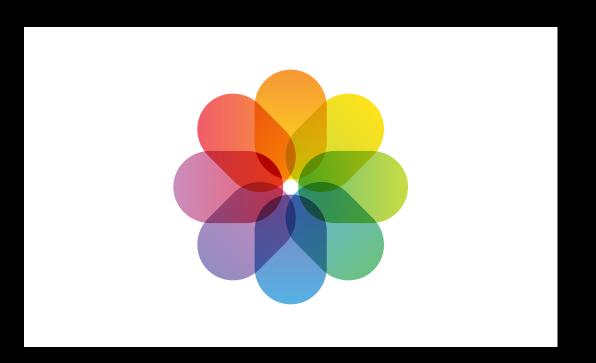












watchOS iOS macOS

tvOS









watchOS iOS

macOS

tvOS



macOS

tvOS

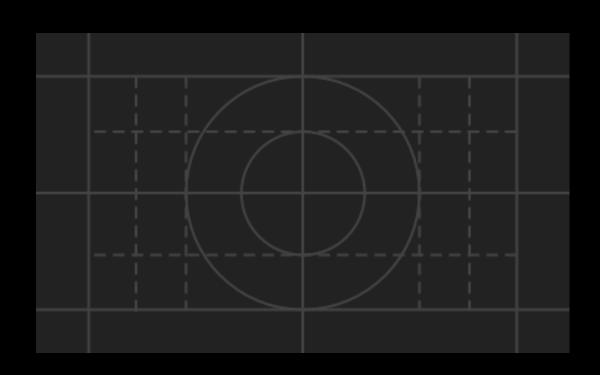
iOS

watchOS



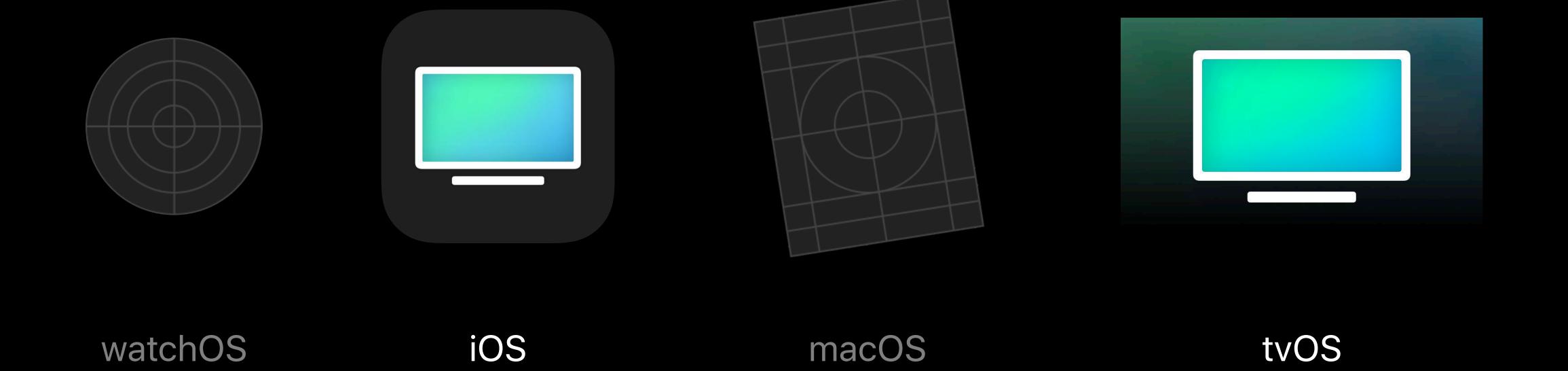






watchOS iOS r

macOS tvOS







1 2 3 5

1 2 3 5

Select

Select

1 2 3 4 5
Select Adapt

1 2 3 4
Select Adapt

5

1 2 3 4 5
Select Adapt Conform

1 2 3 4 5
Select Adapt Conform











1 2 3 4 5
Select Adapt Conform Connect Extend

Context and Capabilities



Capabilities

Always on, always with you

Mobile

Personal and private

Short engagement



Capabilities

Always on, always with you

Mobile

Personal and private

Short engagement



Capabilities

Background processes

Environment aware

Touch ID

Touch screen



Capabilities

Always on, always with you

Personal and private

Instant

Very short interactions



Capabilities

Always on, always with you

Personal and private

Instant

Very short interactions



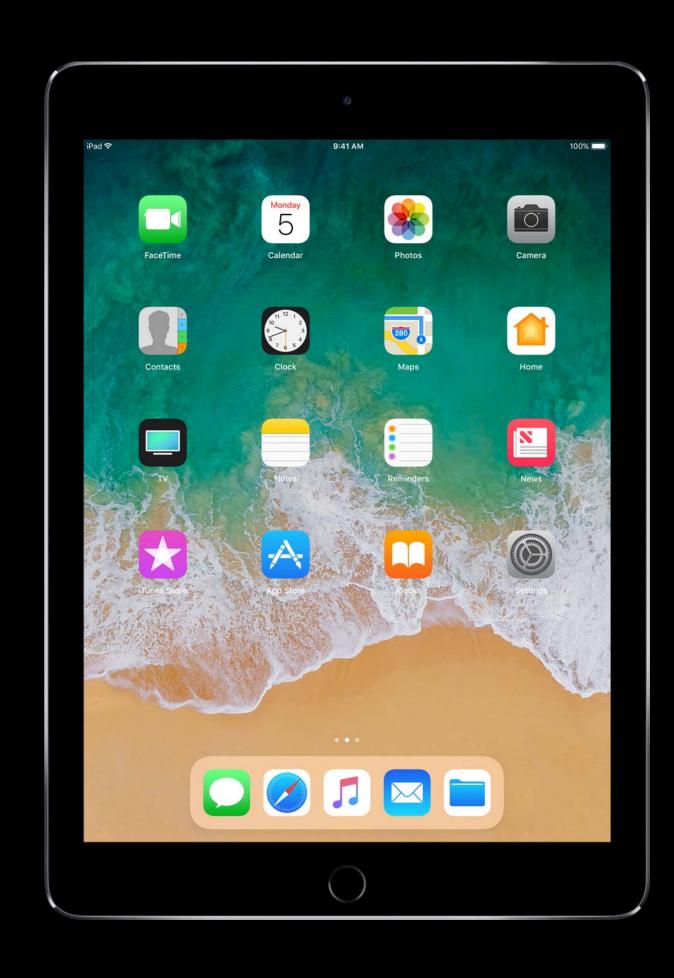
Capabilities

Movement Tracker

Heart Rate Monitor

Haptics

Watch Faces

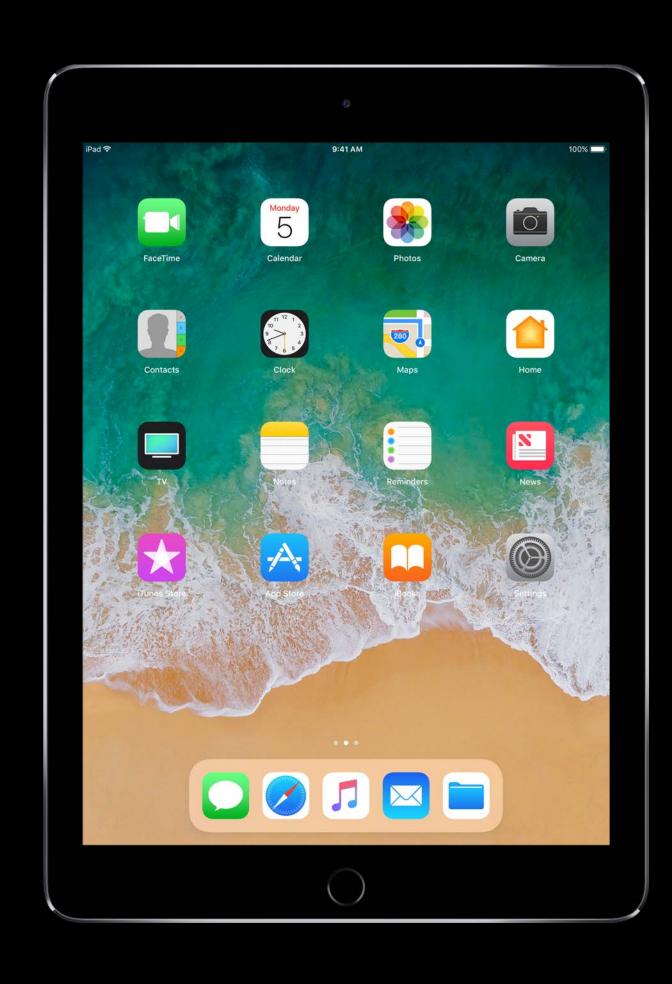


Both home and mobile

Precise and focused

Lean back

Long engagements



Both home and mobile

Precise and focused

Lean back

Long engagements



Capabilities

Large screen

Ambient light sensor

High fidelity speaker

Touch screen

Both home and mobile

Precise and focused

Lean back

Long engagements



Capabilities

Large screen

Ambient light sensor

High fidelity speaker

Precise Interaction



Professional

Precise and complex

Shared but personal

Long engagements



Professional

Precise and complex

Shared but personal

Long engagements



Capabilities

High performance

Keyboard and mouse

Multitasking

Multi user



Shared

Stationary

Lean back

Long engagement



Shared

Stationary

Lean back

Long engagement



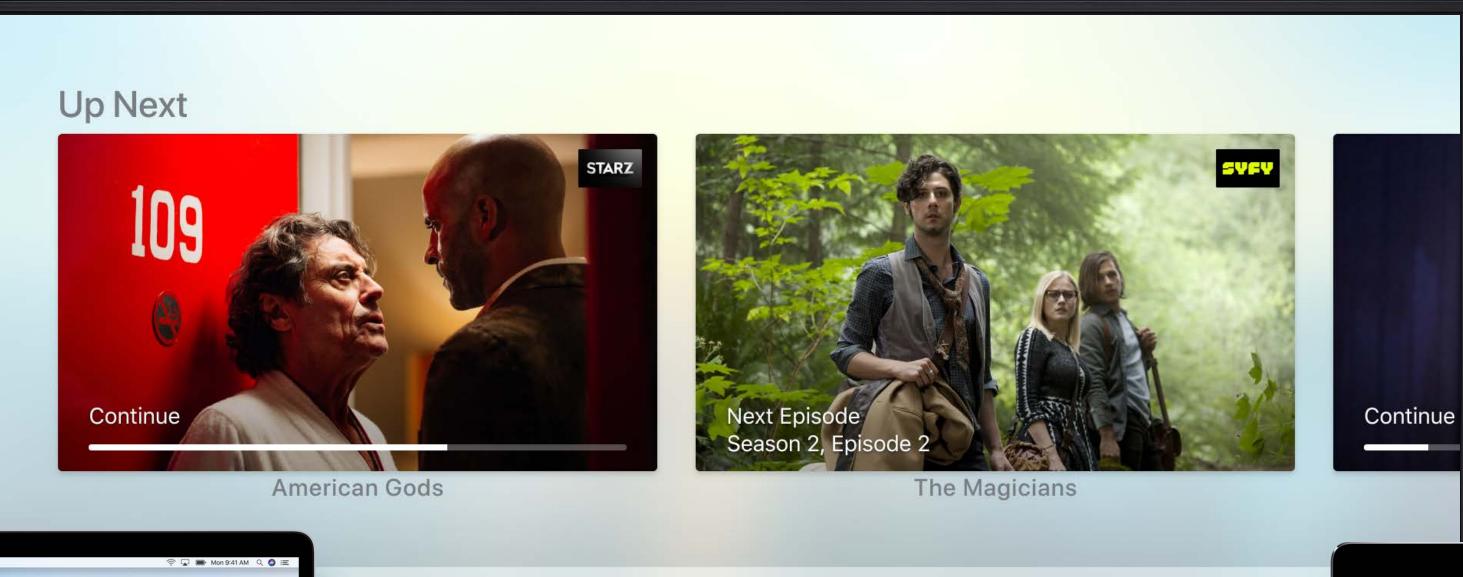
Capabilities

HD display

Remote control input

Home aware

10 foot optimised



















Activity

Mobile

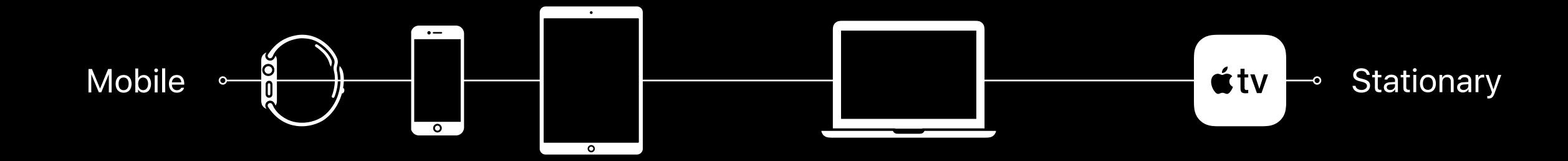


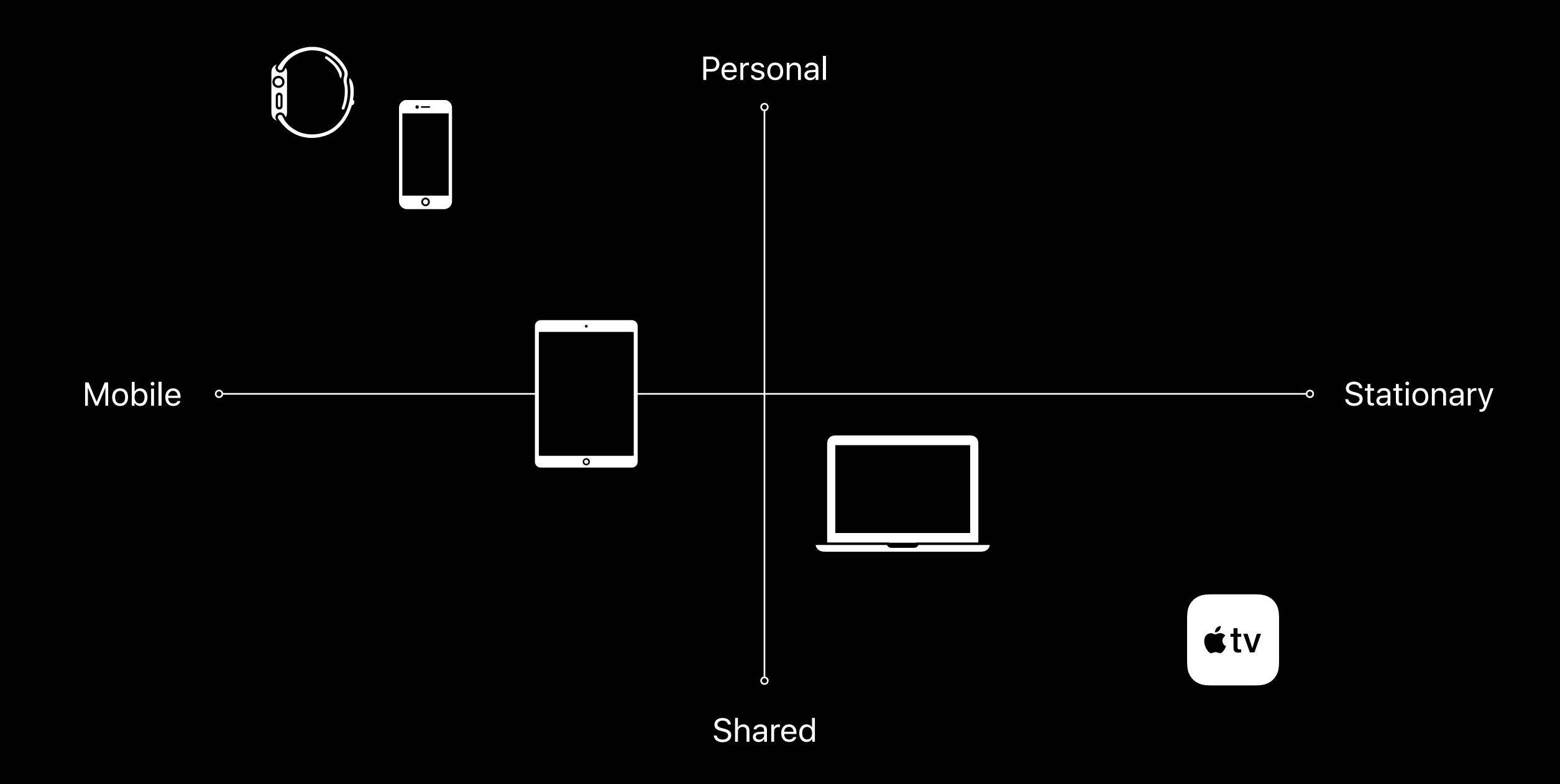
Activity

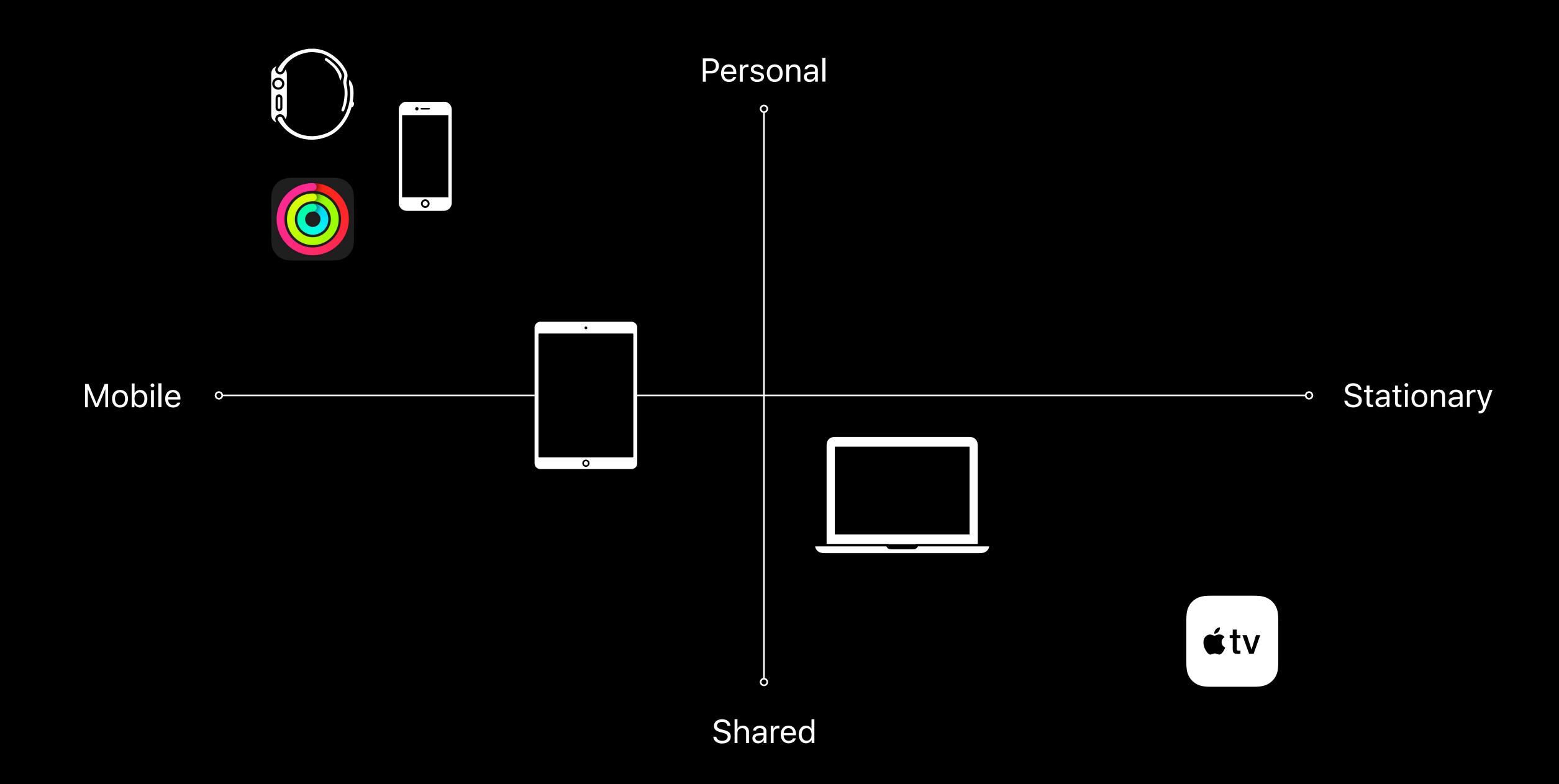
Mobile

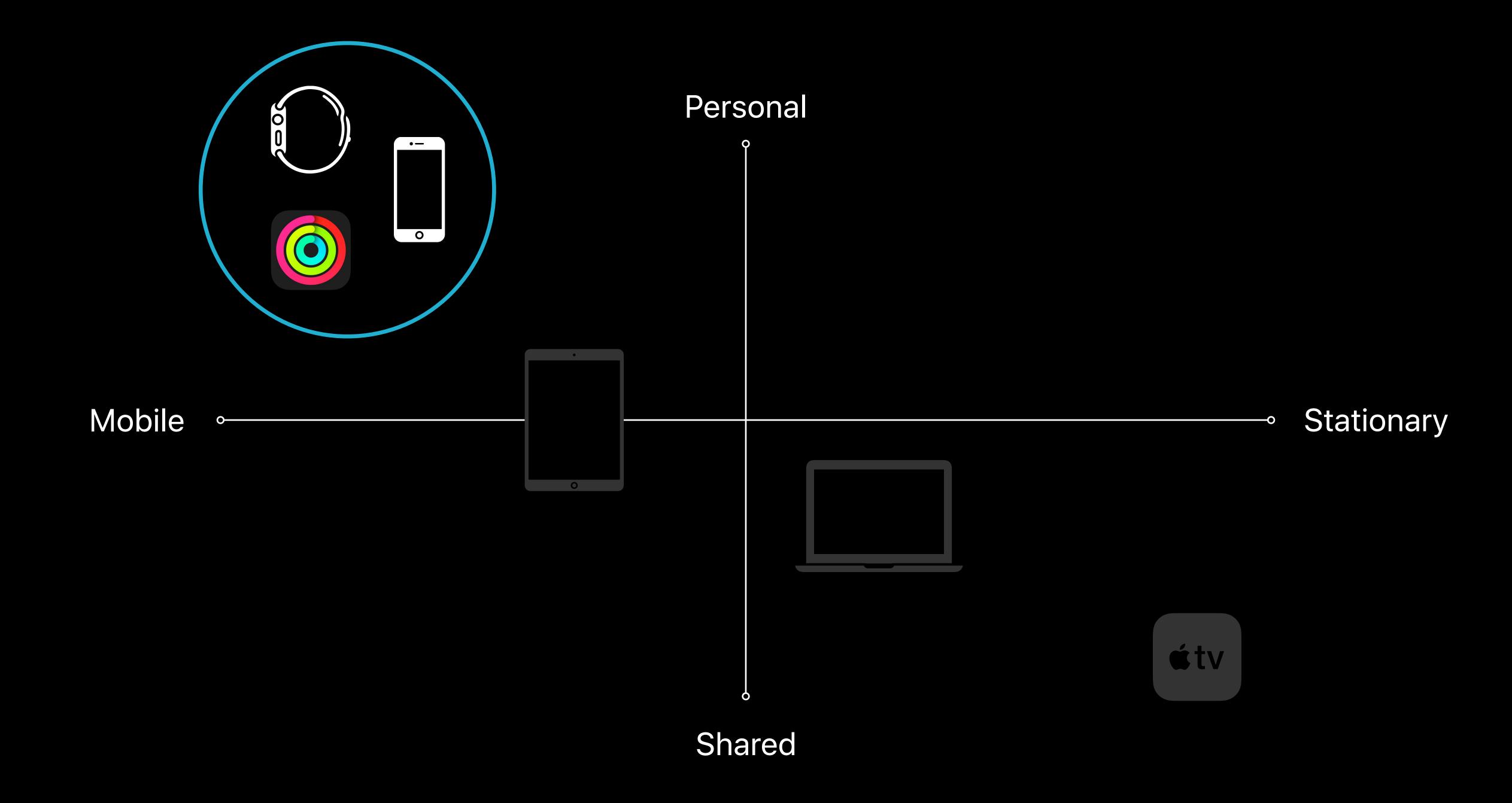
Personal

Mobile •— Stationary











GarageBand



GarageBand

Precise

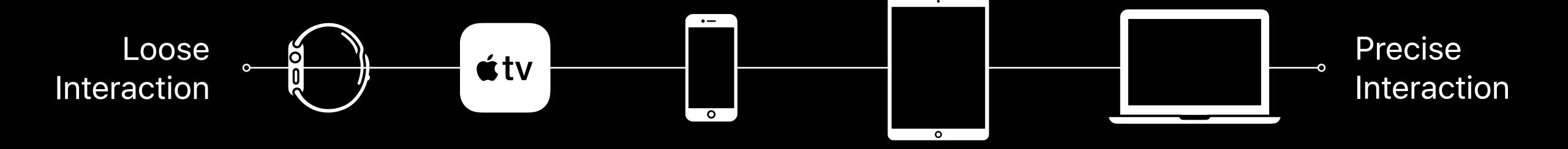


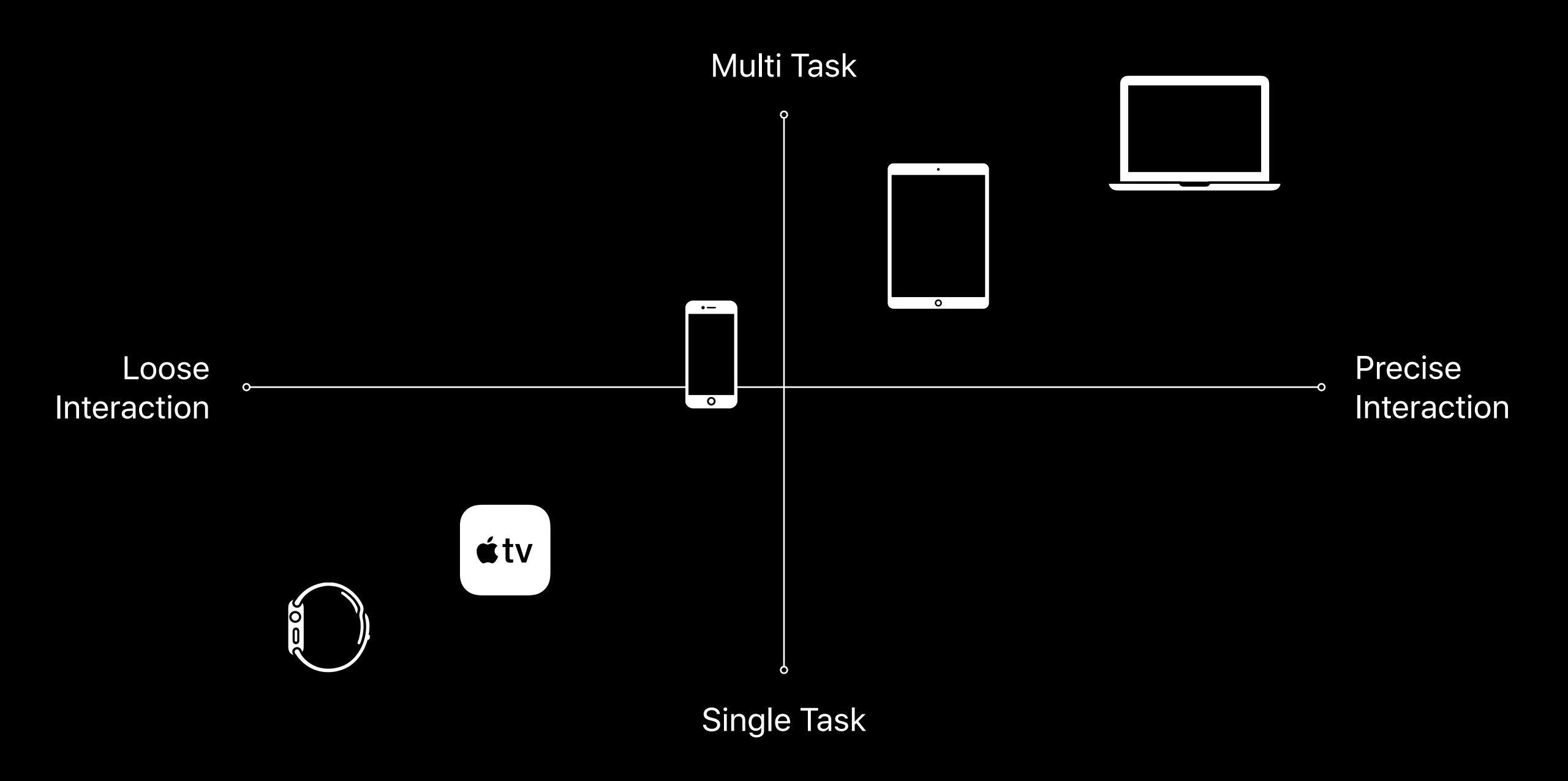
GarageBand

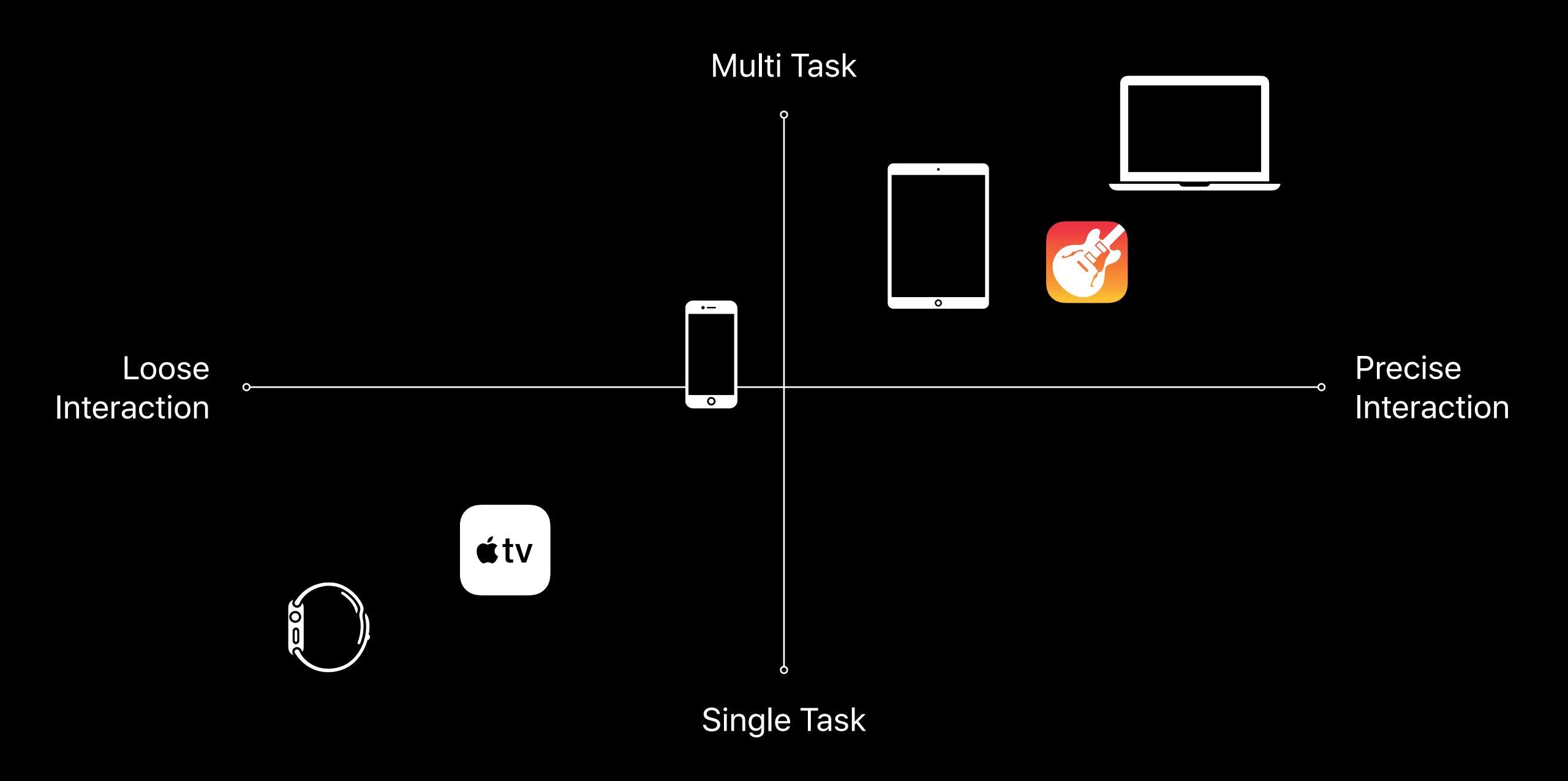
Precise

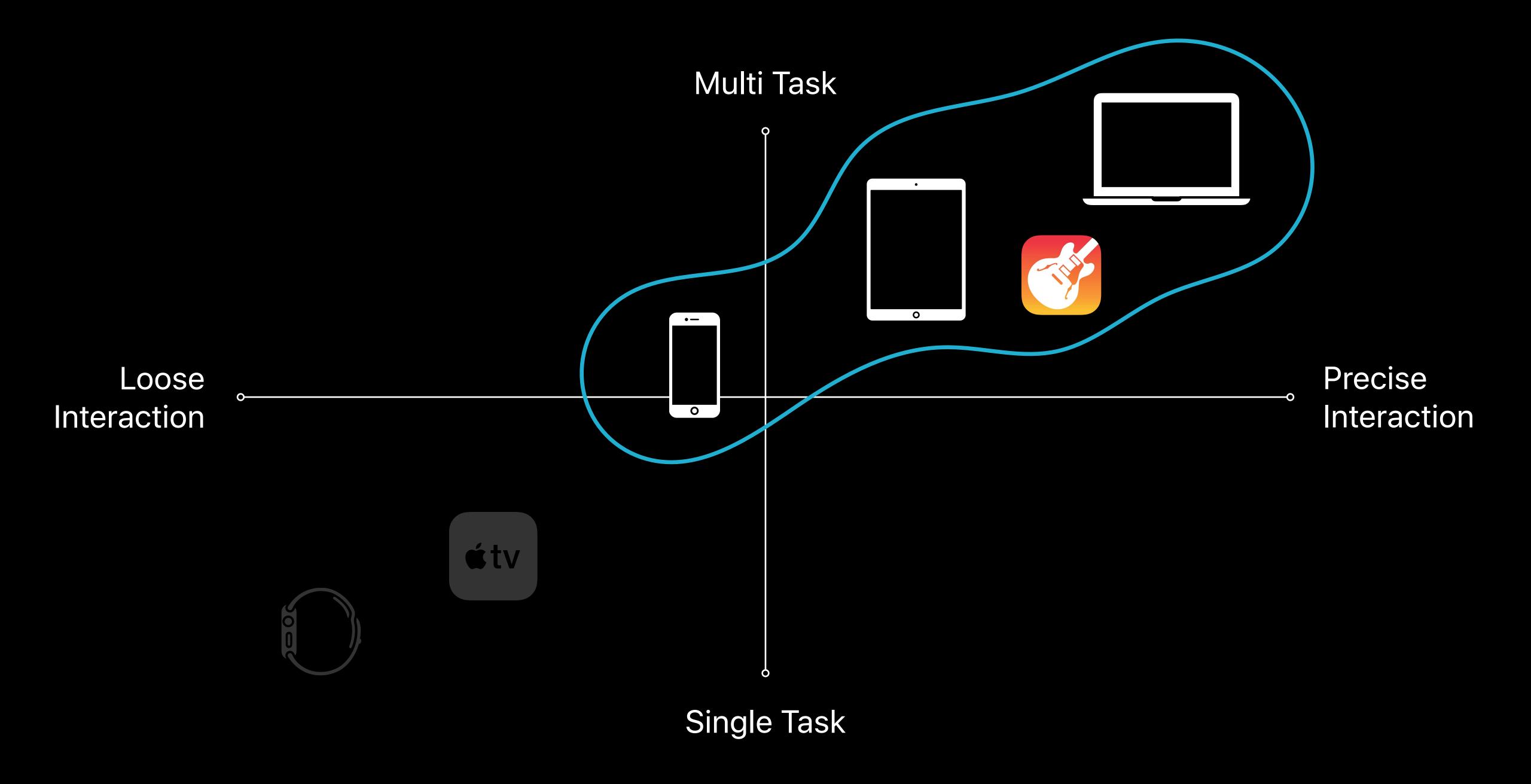
Multi Task

Loose _____ Precise Interaction









1 Select

1 Select

Select based on Context and Capabilities

1

Select

Select based on Context and Capabilities

Validate where your app benefits



1 2 3 4 5
Select Adapt Conform Connect Extend







See Workout Detail

Share Workout

See All Workouts

Manage Workouts

Filter Workouts

Message Friends

See Friend's Progress

Sort Friends

Manage Friends



Manage Progress History

Share Progress

See Daily Progress

See Progress History

Share Achievement

See All Achievements

See Single Achievement

See Workout Detail

Share Workout

Manage Progress History

Share Progress

See All Workouts

Manage Workouts

Filter Workouts

Message Friends

See Friend's Progress

Sort Friends

Manage Friends



See Daily Progress

See Progress History

Share Achievement

See All Achievements

See Single Achievement

See Workout Detail

Manage Progress History

Share Workout

See All Workouts

Manage Workouts

Filter Workouts

Message Friends

See Friend's Progress

Sort Friends

Manage Friends



See Daily Progress

See Progress History

Share Achievement

Share Progress

See All Achievements

See Single Achievement

Add Workout

Message Friends

See Friend's Progress

Activity 10:09

See Daily Progress

Set Move Goals

Sort Friends

2 Adapt

2

Adapt

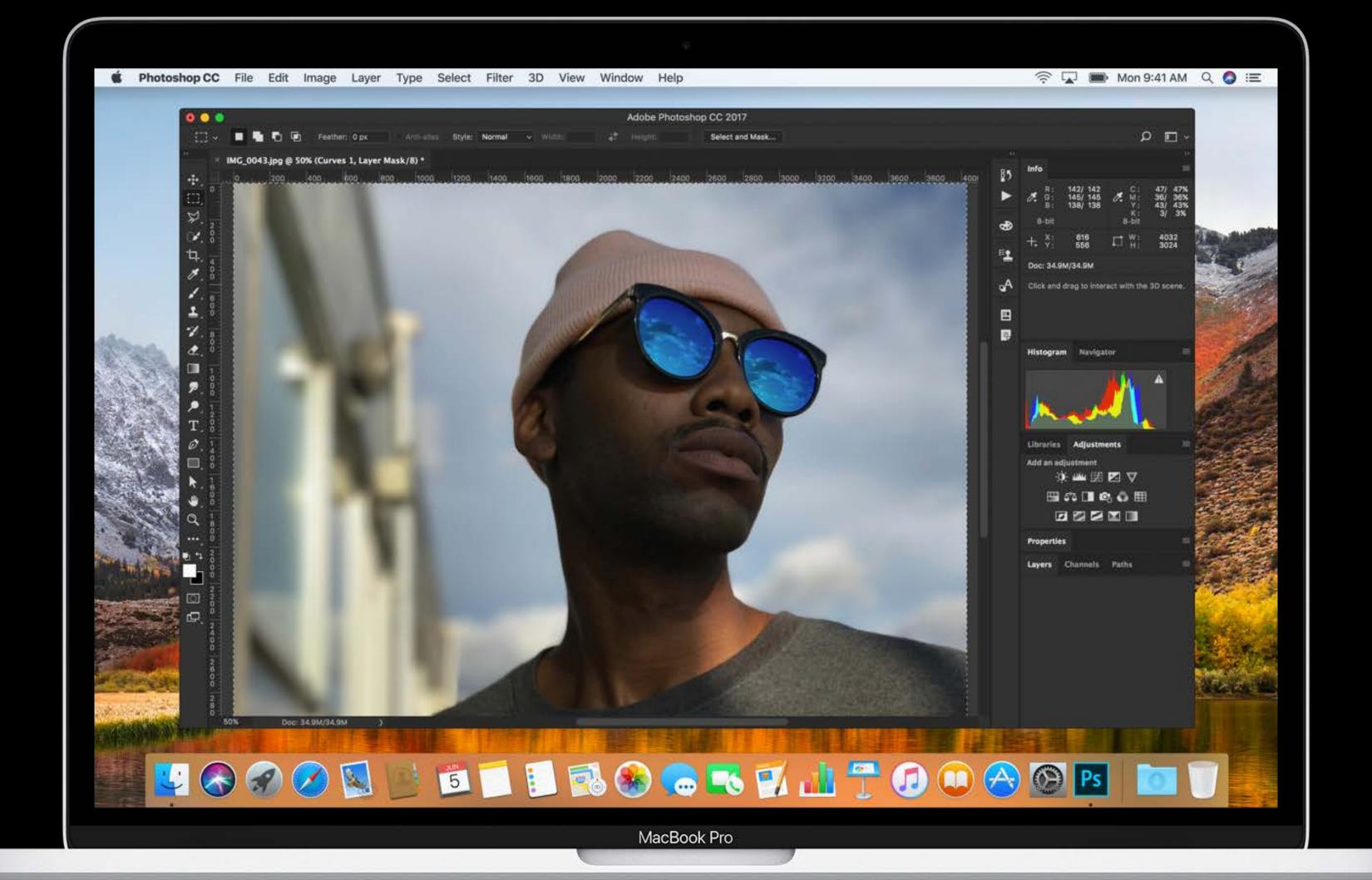
Prioritize based on Context and Capabilities

2

Adapt

Prioritize based on Context and Capabilities

Consider features based on unique capabilities





MacBook Pro







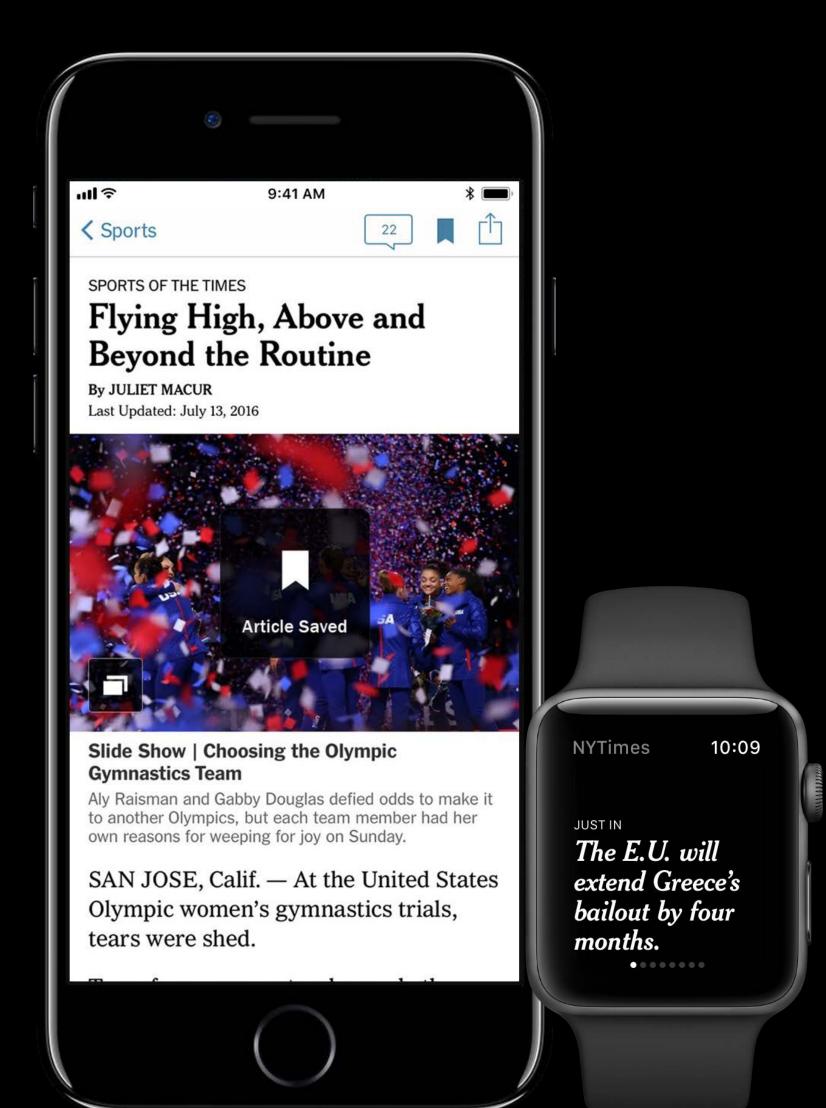




Photoshop Express

Photoshop Fix

Photoshop Mix











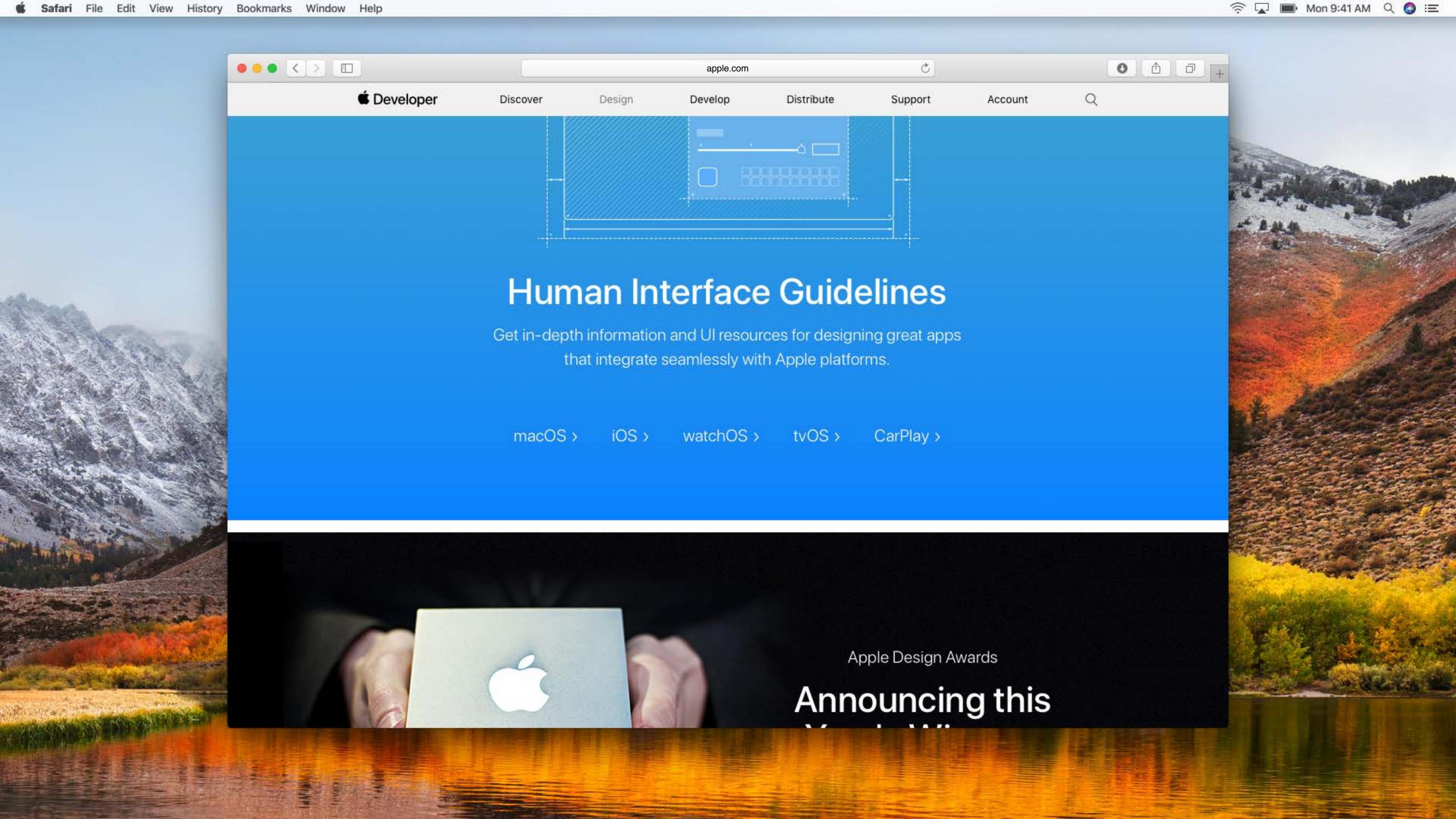
Consistent

Consistent ≠ Identical

Brand Consistency

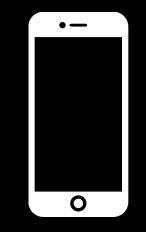
Brand Consistency

Platform Consistency Brand O Platform Consistency

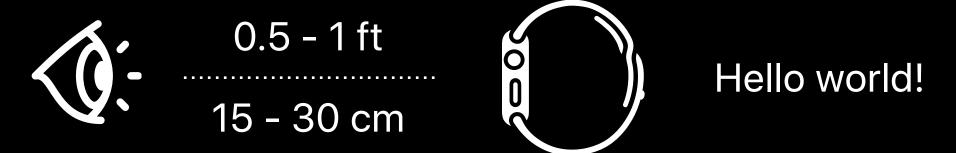


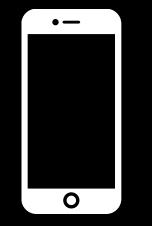
Title 1 Title 1 Title 2 Title 2 Title 3 Title 3 Headline Headline Headline •— Callout 2000 Callout **É**tv Body Body Body 0 **SUBHEAD** Subhead Footnote Footnote Footnote Caption1 Caption1 Caption1 Caption2 Caption2 Caption2



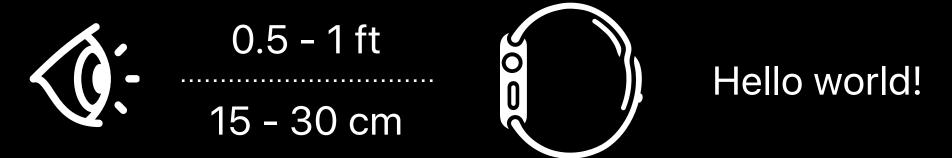




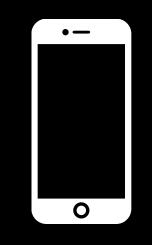






















Learn Remote

If you don't use a single-device remote, select an unused device setting on your other remote before you start. Then select Start using your Remote.

Start

Cancel



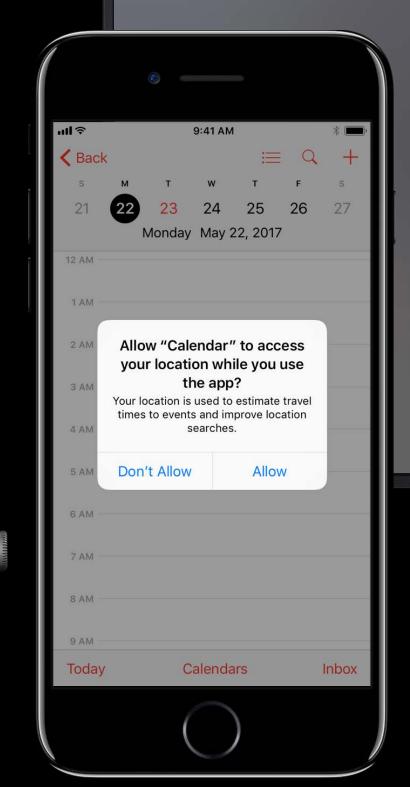


Learn Remote

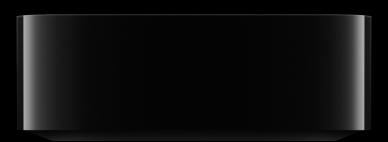
If you don't use a single-device remote, select an unused device setting on your other remote before you start. Then select Start using your Remote.

Start

Cancel



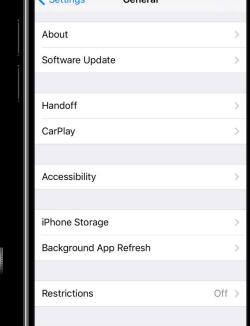




General



About		
Screensaver	Aerial >	
Appearance	Light >	
Sleep After	1 hour	
Accessibility	>	
Restrictions	Off >	
Privacy	>	
SIRI		
Siri	On	
Language	English (U.S.)	













General



About	>
Screensaver	Aerial >
Appearance	Light >
Sleep After	1 hour
Accessibility	>
Restrictions	Off >
Privacy	>
SIRI	
Siri	On
Language	English (U.S.)





< General



< General





Conform

Conform

Balance between brand and platform guidelines

Conform

Balance between brand and platform guidelines

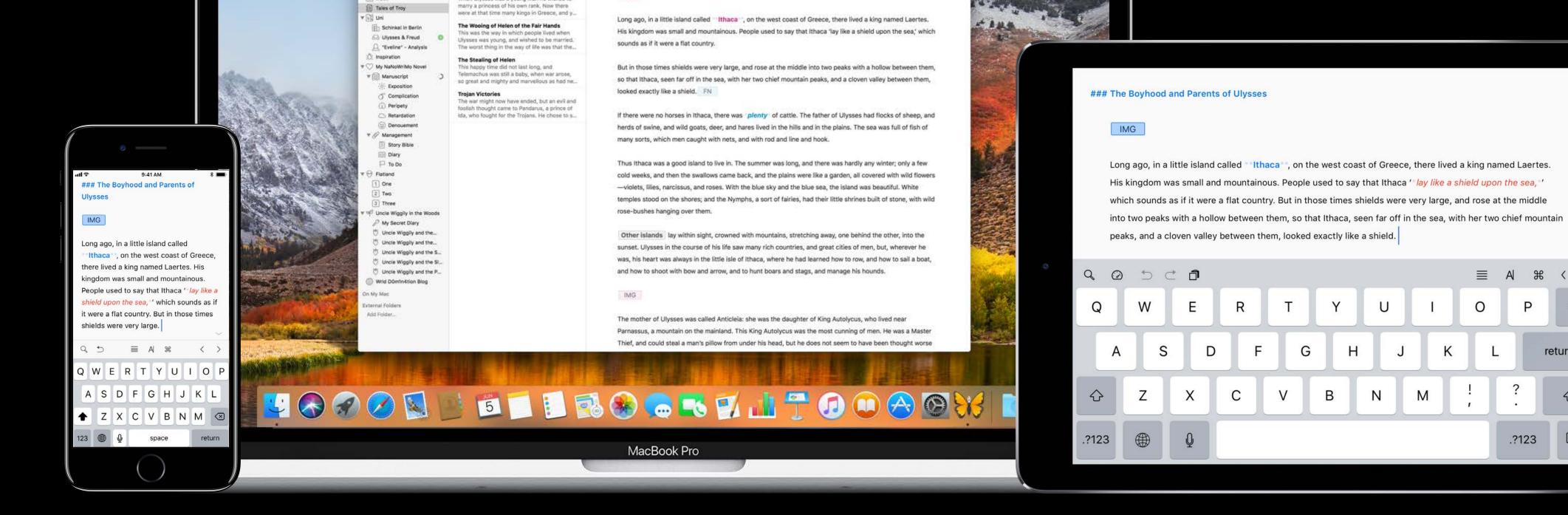
Make your brand recognizable

Conform

Balance between brand and platform guidelines

Make your brand recognizable

Align to platform guidelines



The Boyhood and Parents of Ulysses

■ A # < >

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© Ulysses File Edit Markup View Window Help

• • • ID *

How People Lived in the Time of Ulysses

Last 7 Days



8 BICYCLE CRUNCHES

Don't rush through each crunch.















1:21







OK, GOT IT



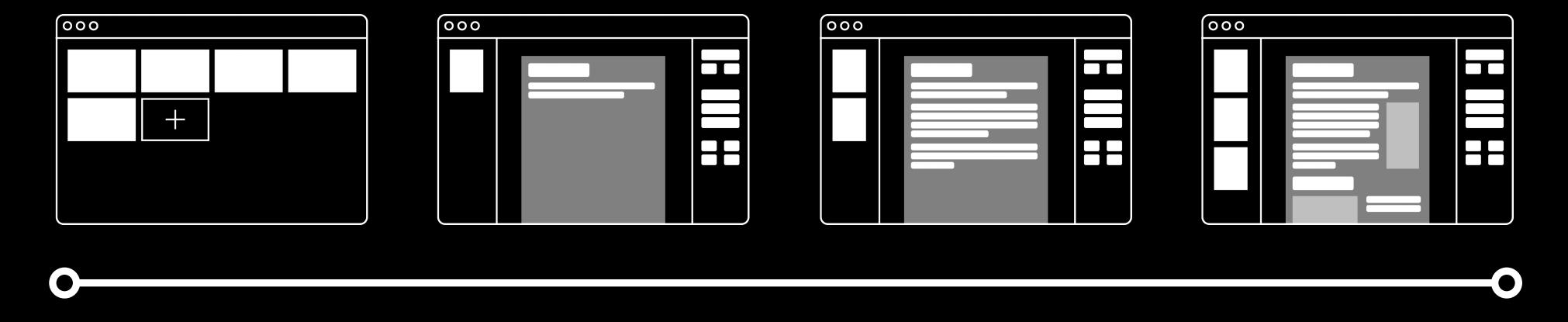






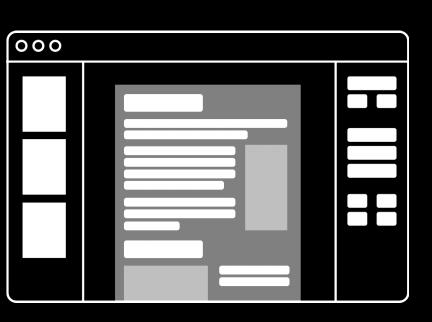


Enter



Enter



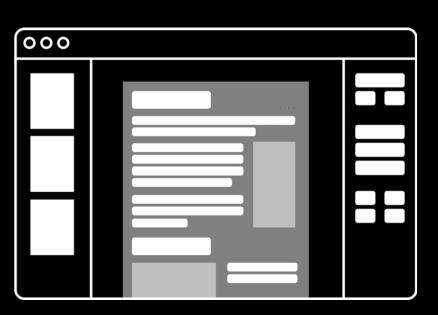


Exit

Enter

-

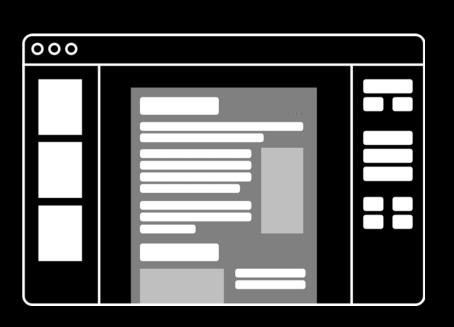


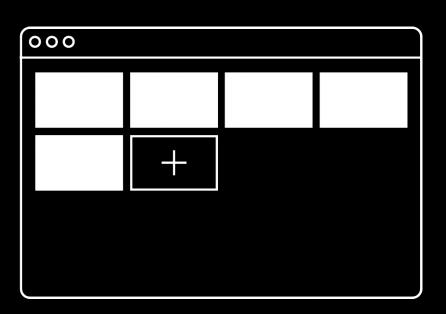


Exit Enter

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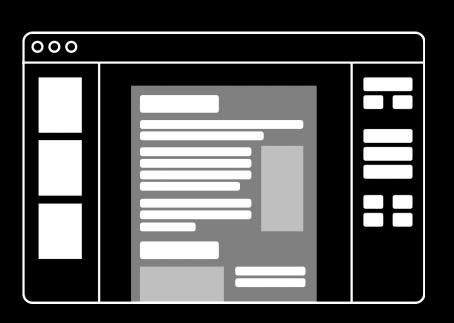


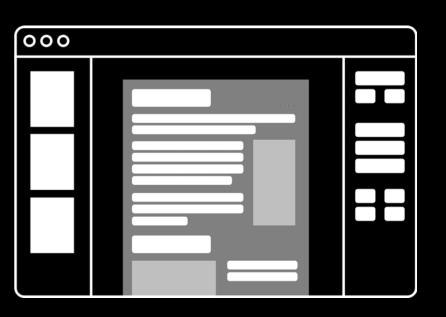




Exit Enter



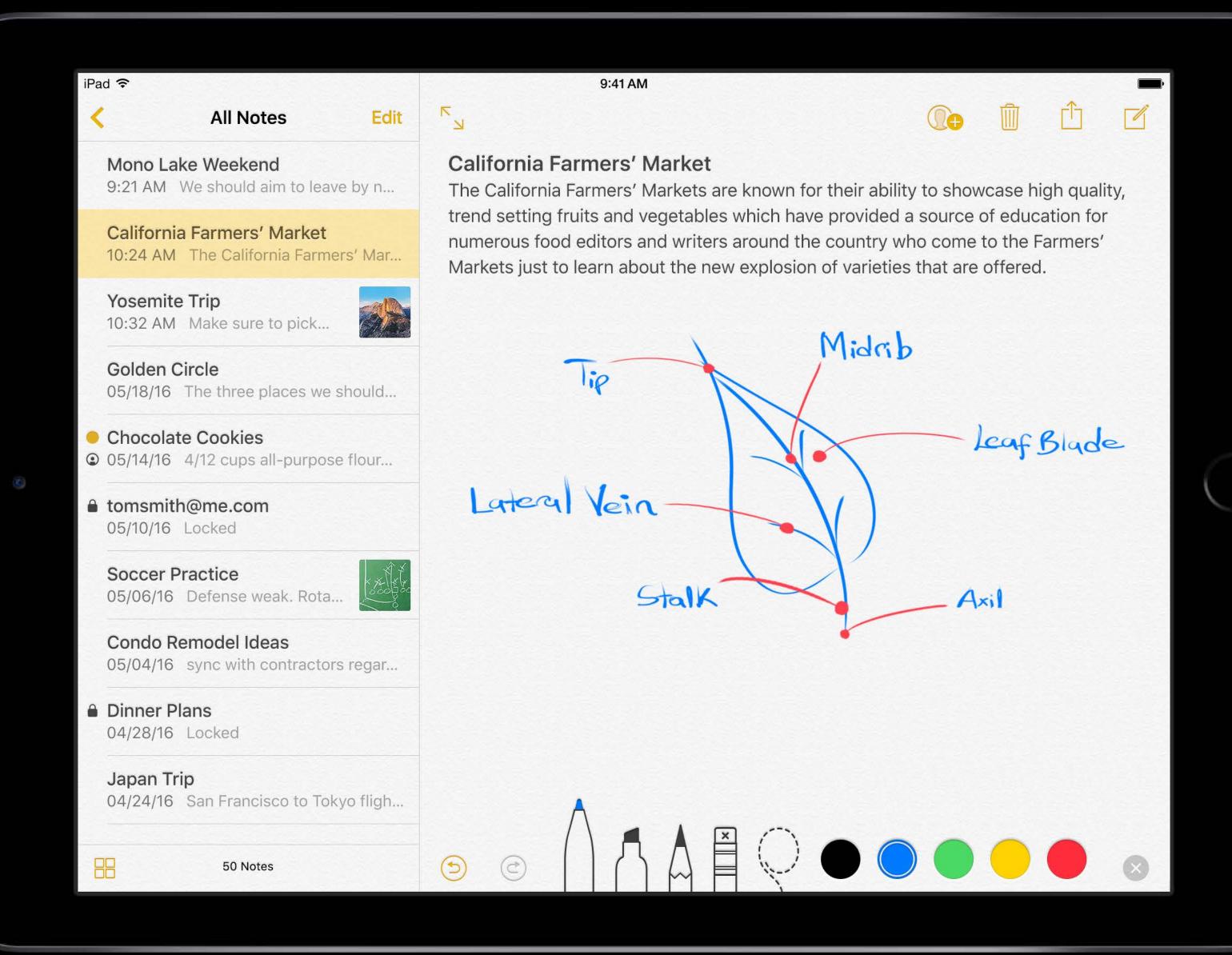




Exit Enter

O













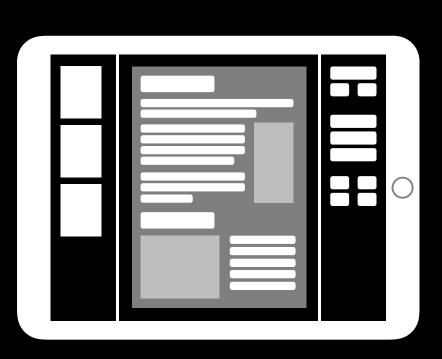
End

-

Start

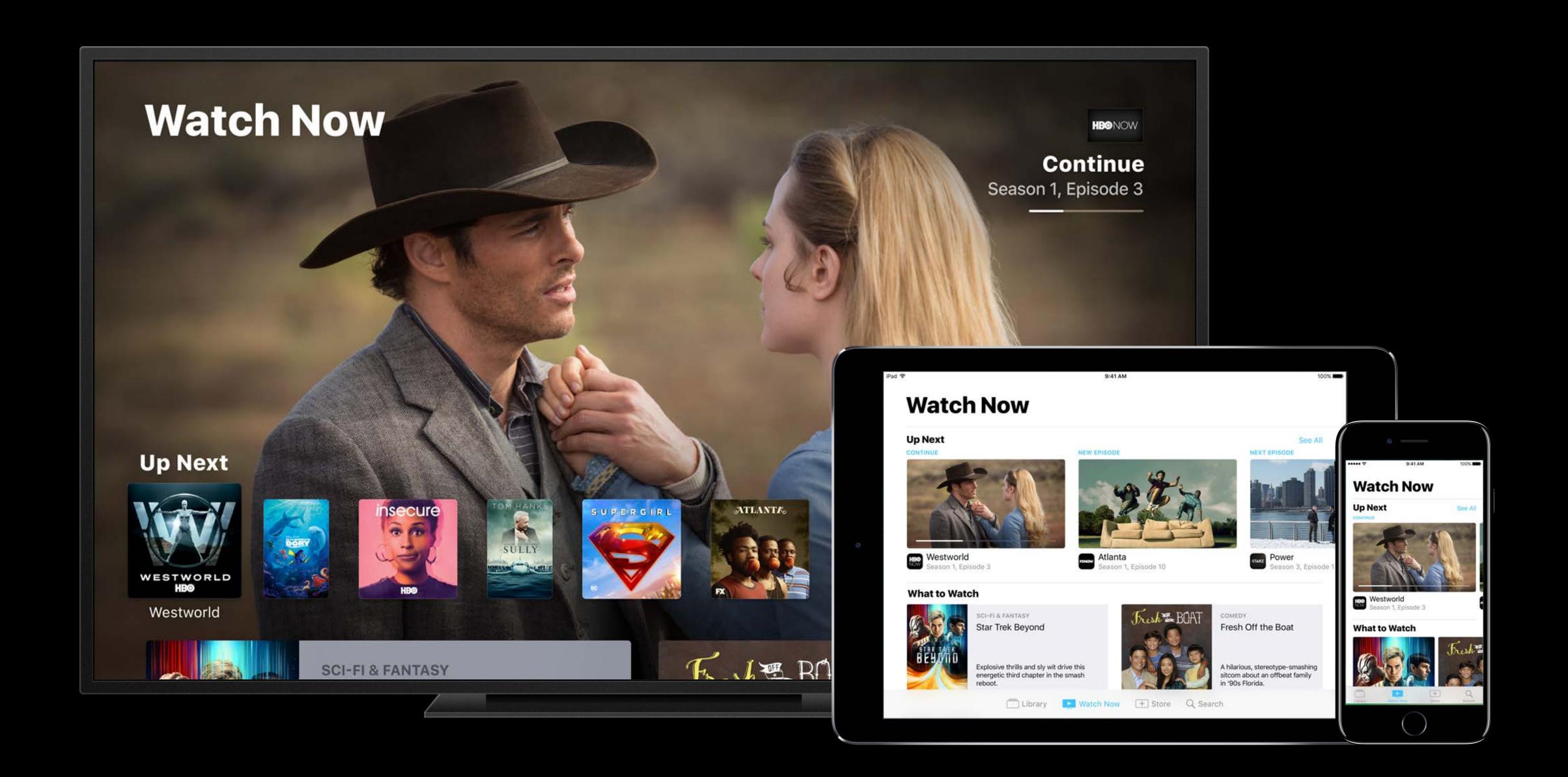


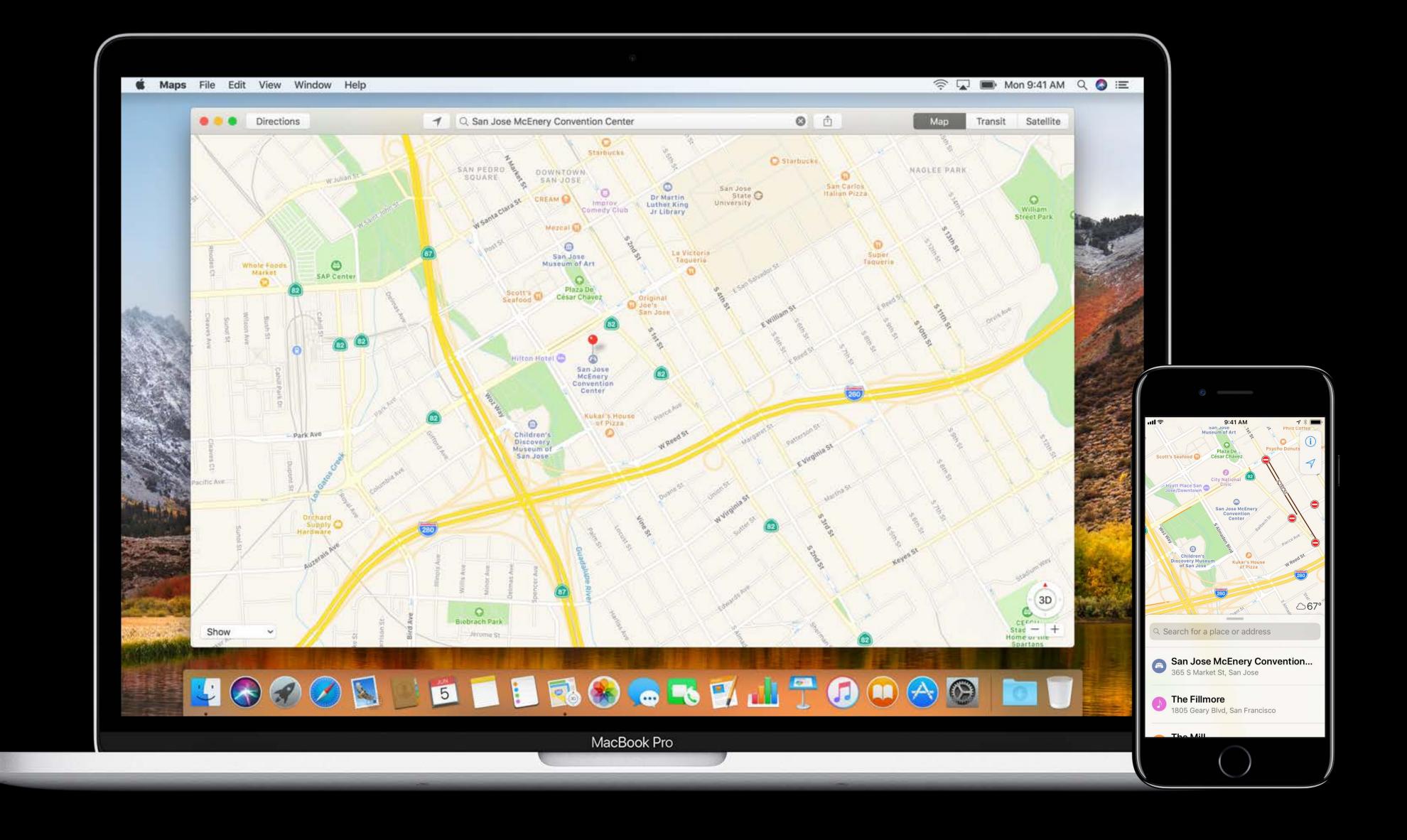




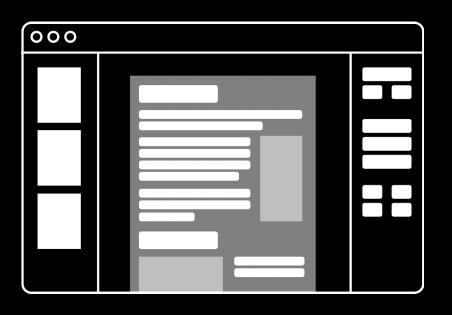
End Start

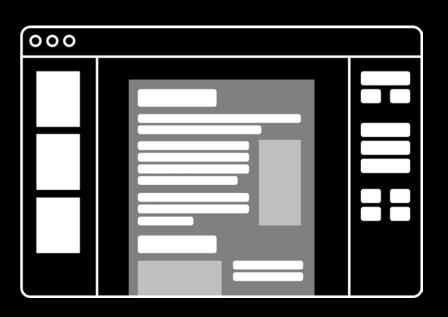
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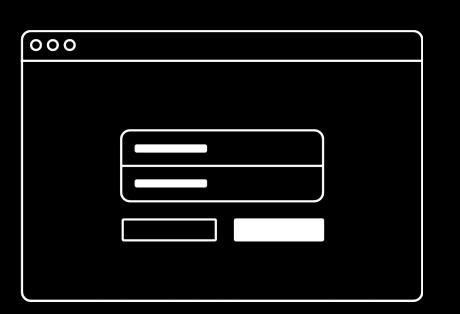


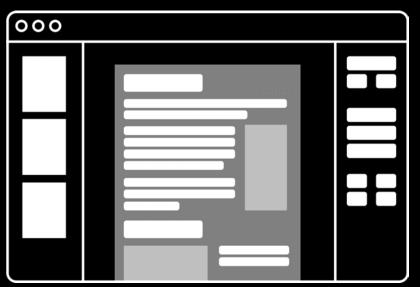


End Start









End Setup

-

Start



9:41 AM





Find My iPhone

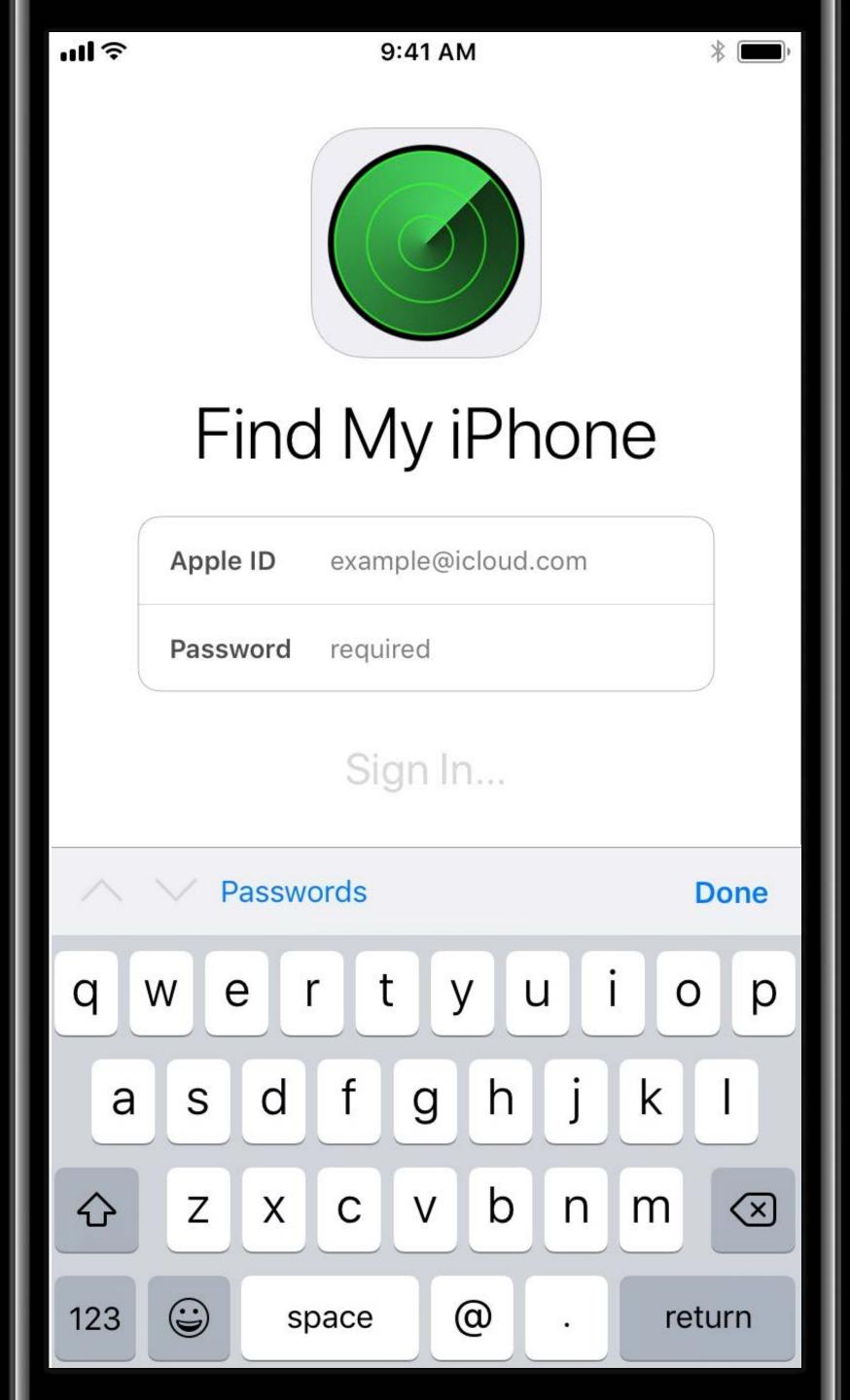
Apple ID example@icloud.com

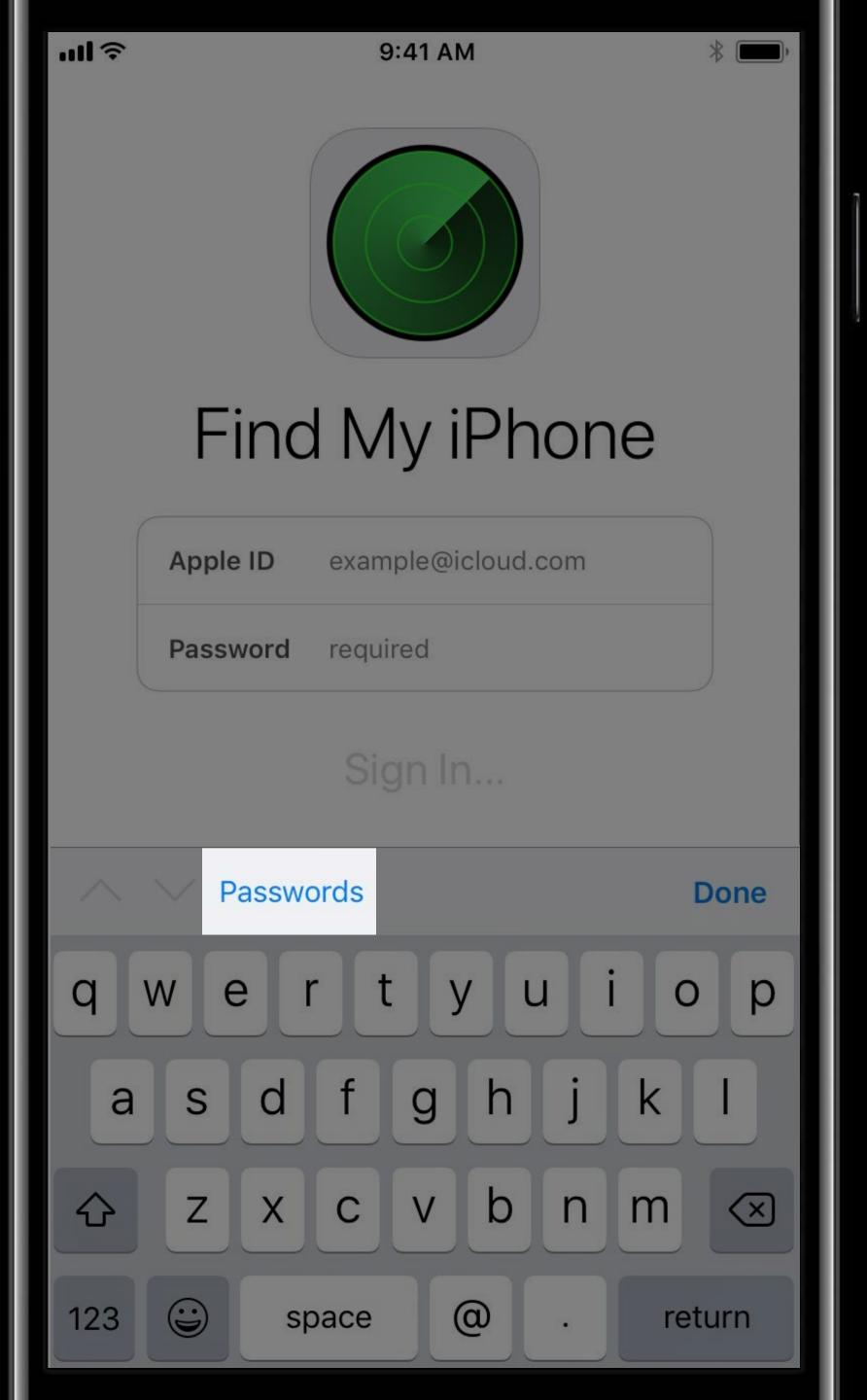
Password required

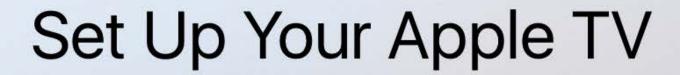
Sign In...

Forgot Apple ID or Password?

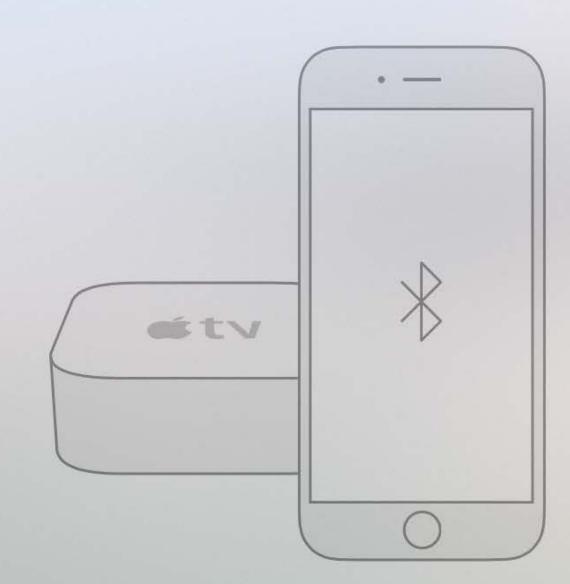
Setup Instructions





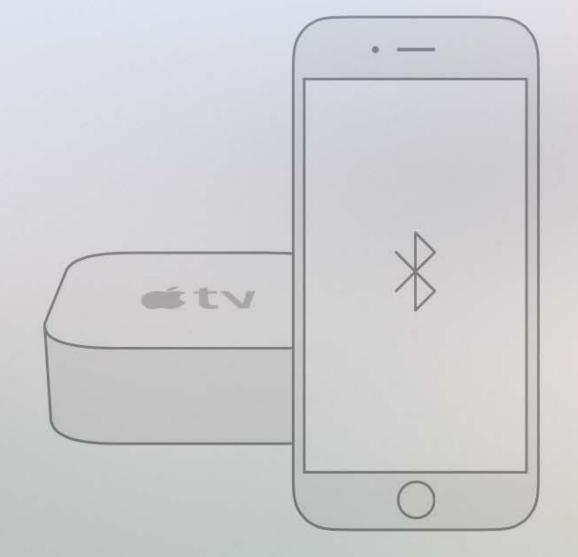


- 1 Unlock your iPhone, iPad, or iPod touch
- 2 Connect to a Wi-Fi network
- 3 Enable Bluetooth
- 4 Hold the device close to your Apple TV





- 1 Unlock your iPhone, iPad, or iPod touch
- 2 Connect to a Wi-Fi network
- 3 Enable Bluetooth
- 4 Hold the device close to your Apple TV





Connect

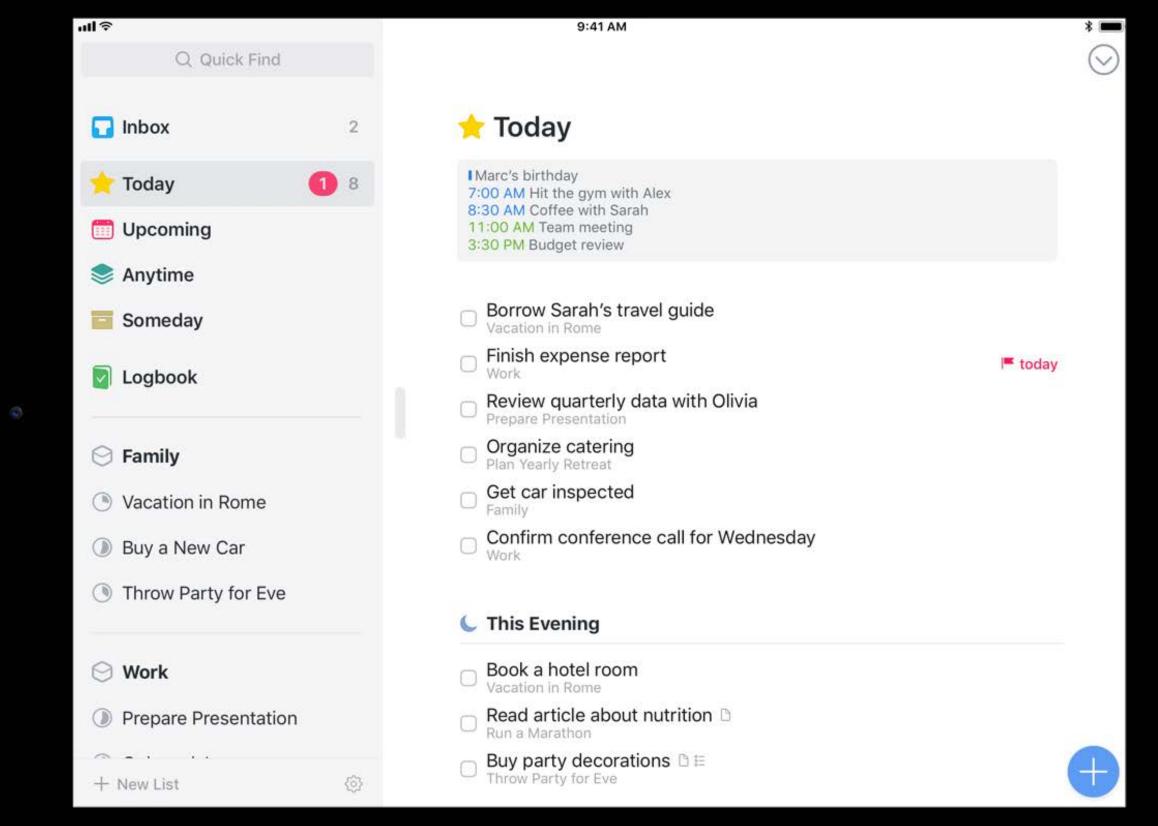
Connect

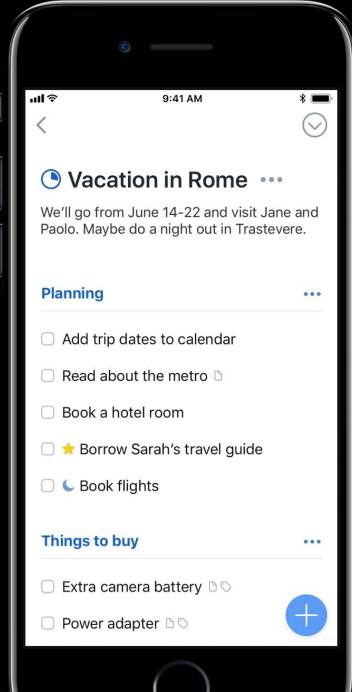
Recreate state based on last usage

Connect

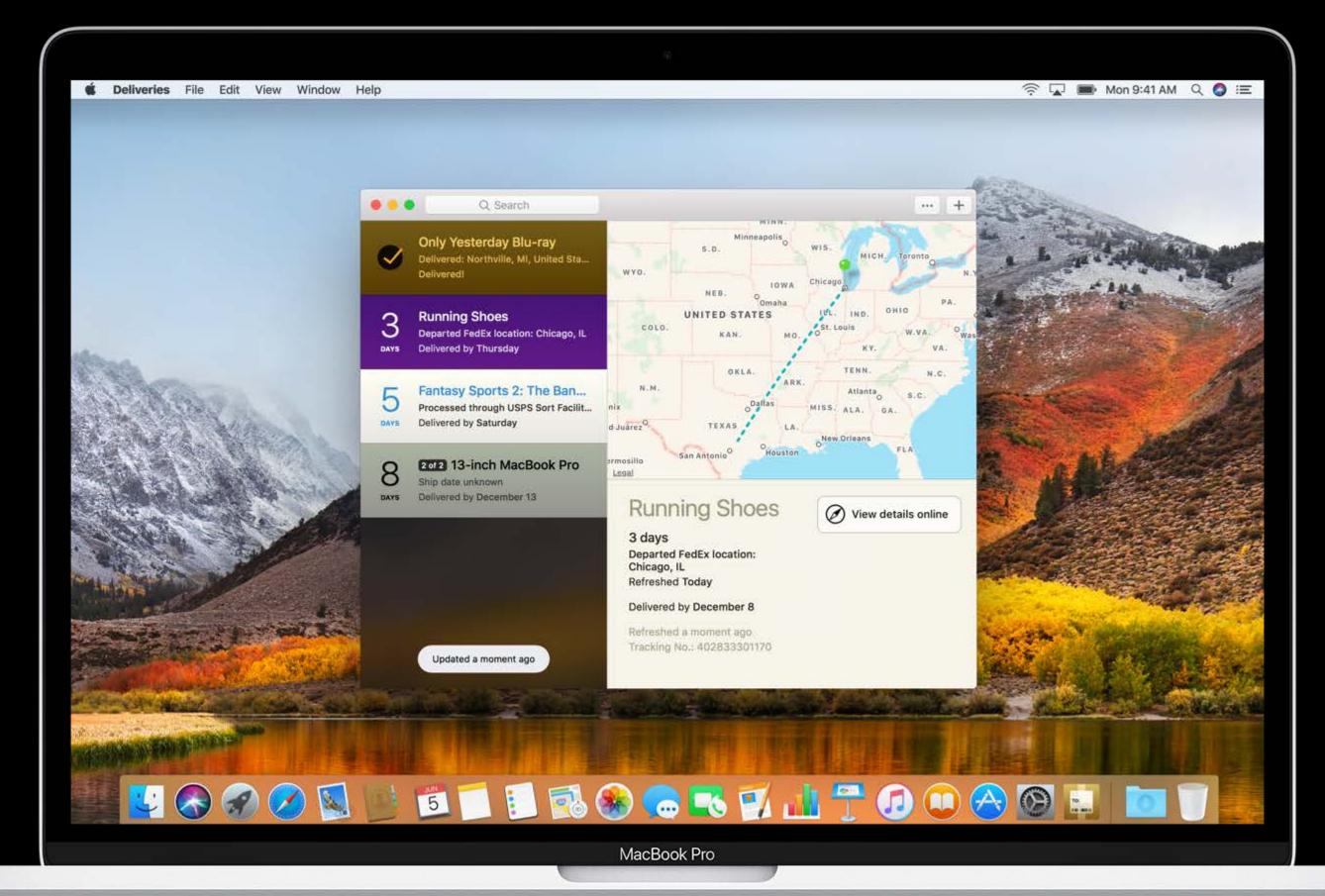
Recreate state based on last usage

Allow for quick setup on new platforms



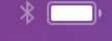












Instagram

Sign up to see photos and videos from your friends.

Log In With Facebook

OR

Sign Up With Phone or Email

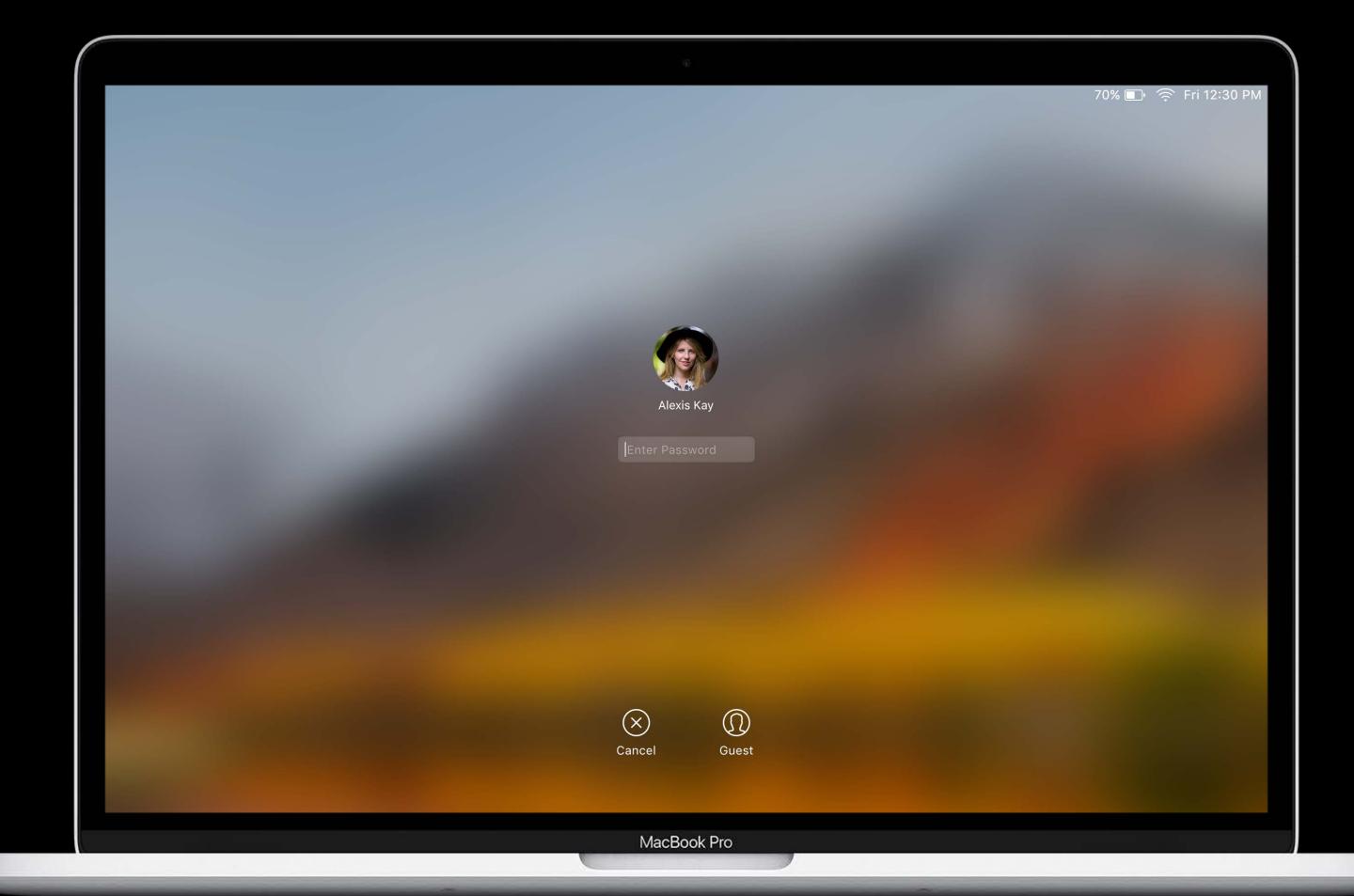


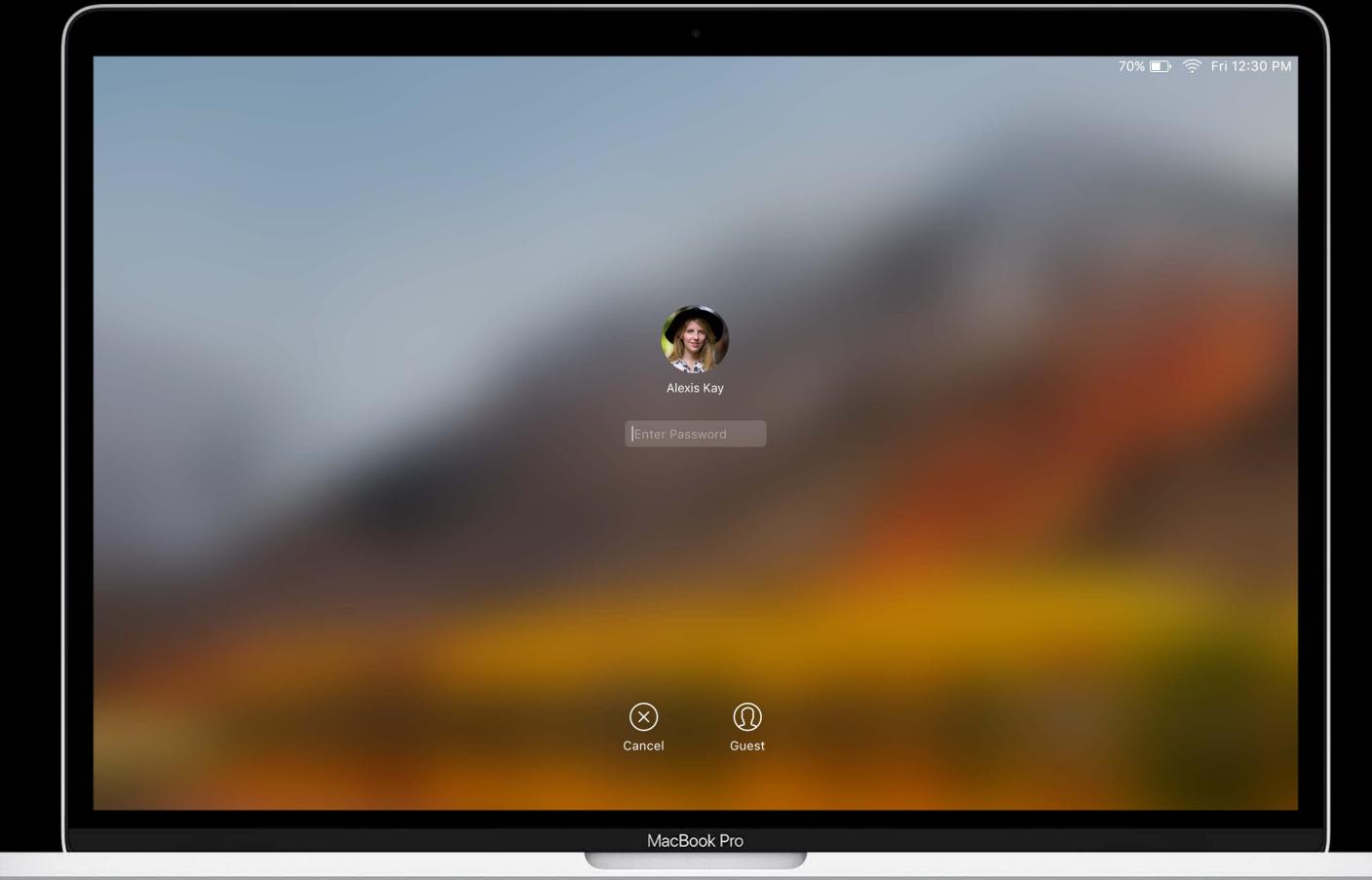
















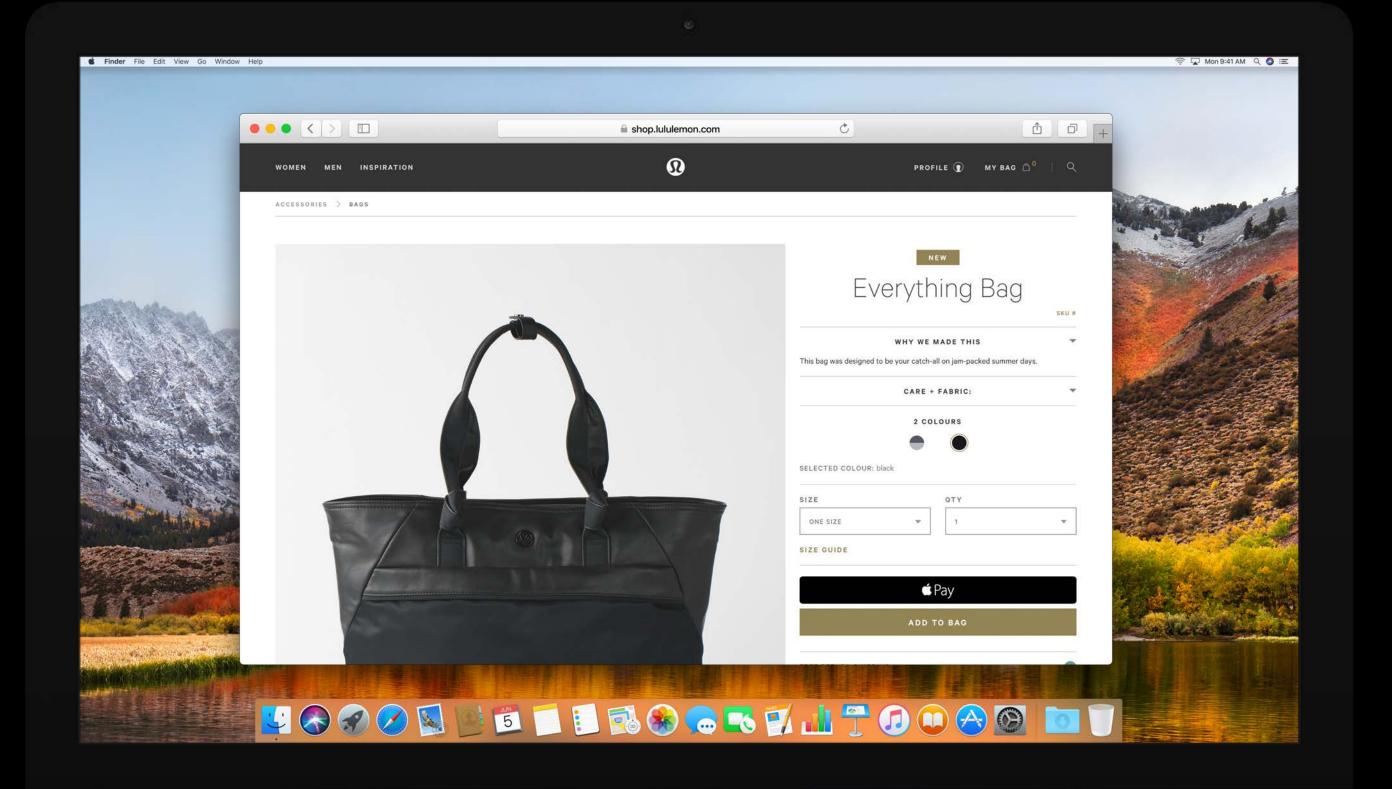




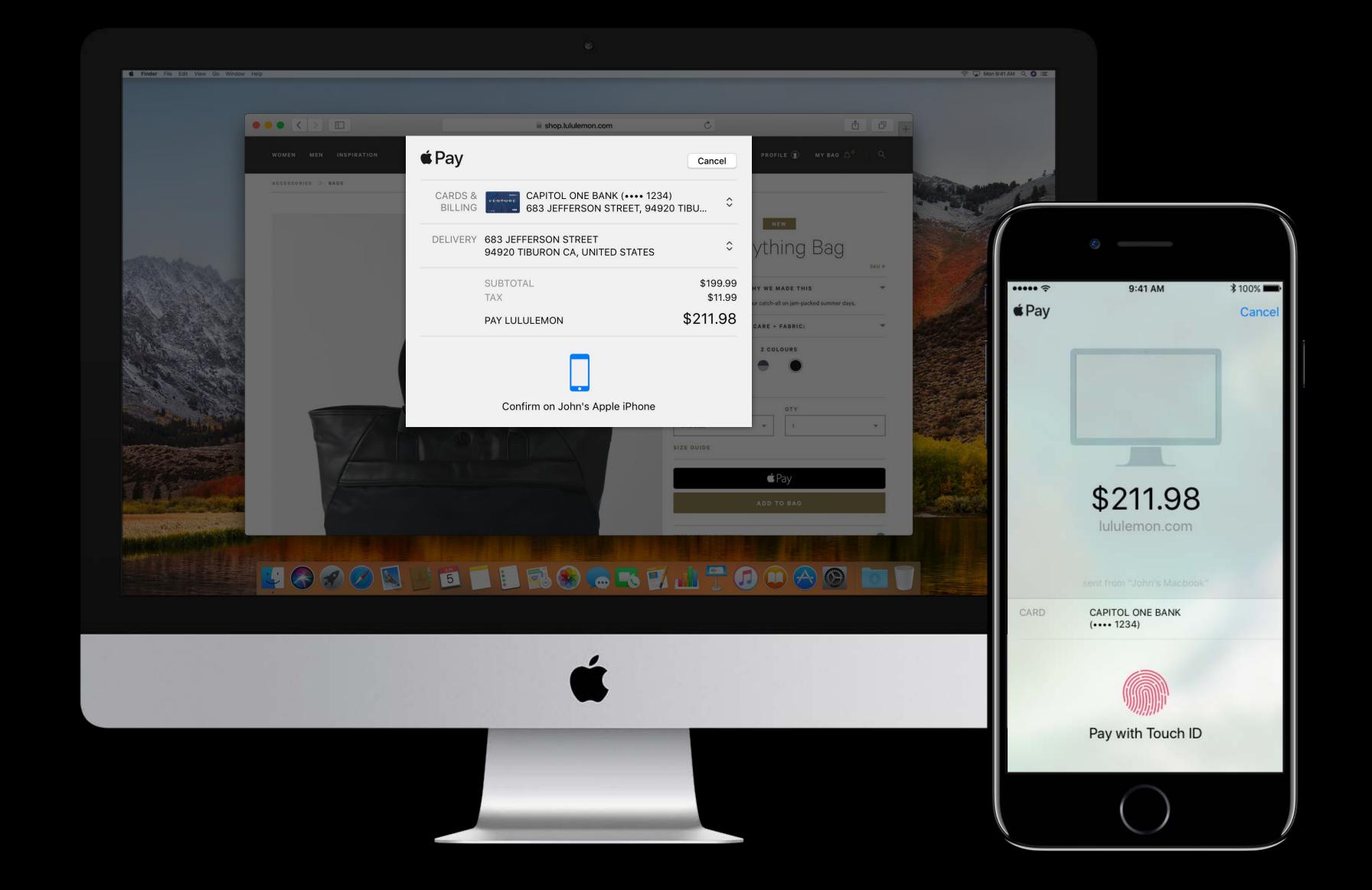


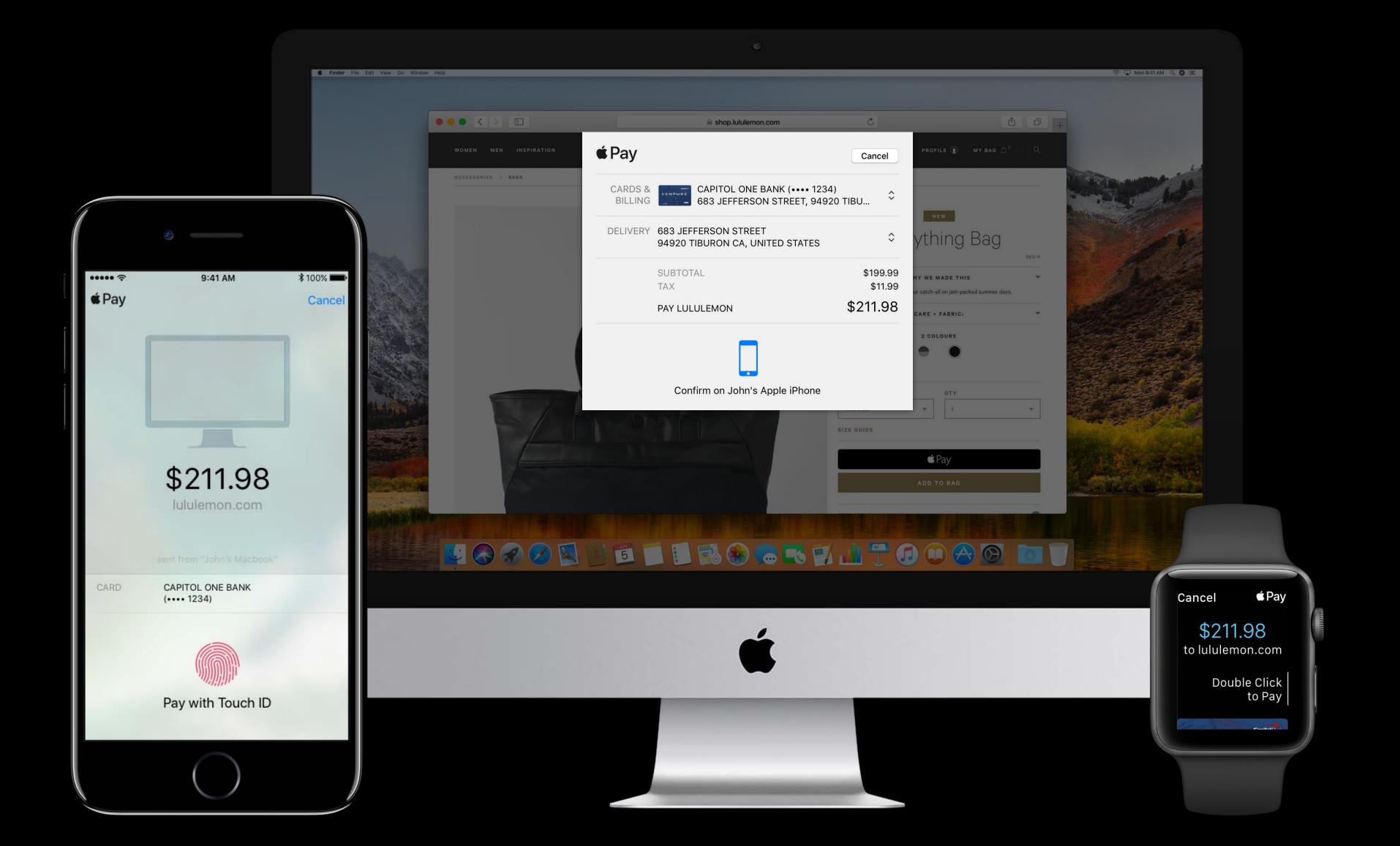


Make it Effortless

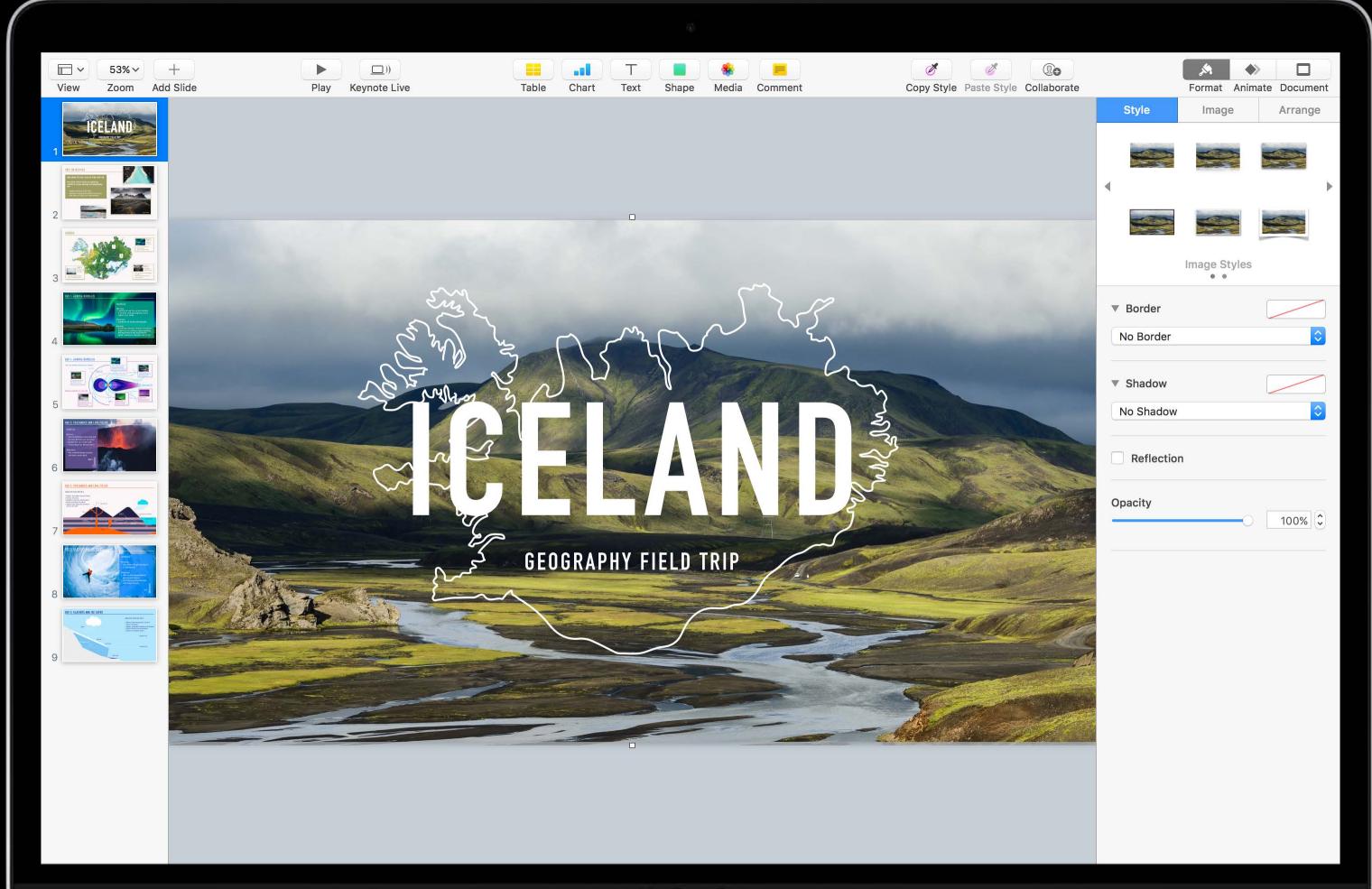








Give Clear Control



Show Navigator

6:53:09 PM

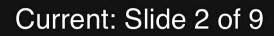












TRIP OBJECTIVES

WELCOME TO THE LAND OF FIRE AND ICE

The aims of this field trip exploring Iceland's unique geology and geography are:

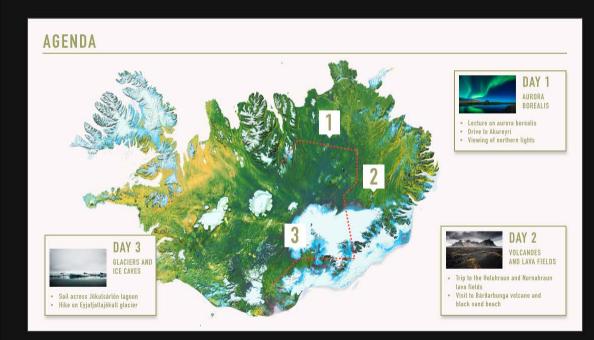
- Gather primary field data
 Research specialist subject for essay
 Use data as basis for coursework







Next: Slide 3 of 9



Show Navigator

6:53:09 PM



Current: Slide 2 of 9

TRIP OBJECTIVES

WELCOME TO THE LAND OF FIRE AND ICE

The aims of this field trip exploring Iceland's unique geology and geography

- Gather primary field data
 Research specialist subject for essay
 Use data as basis for coursework







Next: Slide 3 of 9





MacBook Pro

Make it Optional

5 Extend

Extend

Look for opportunities in combined capabilities

Extend

Look for opportunities in combined capabilities

Give clear control

Extend

Look for opportunities in combined capabilities

Give clear control

Make it optional

Extend

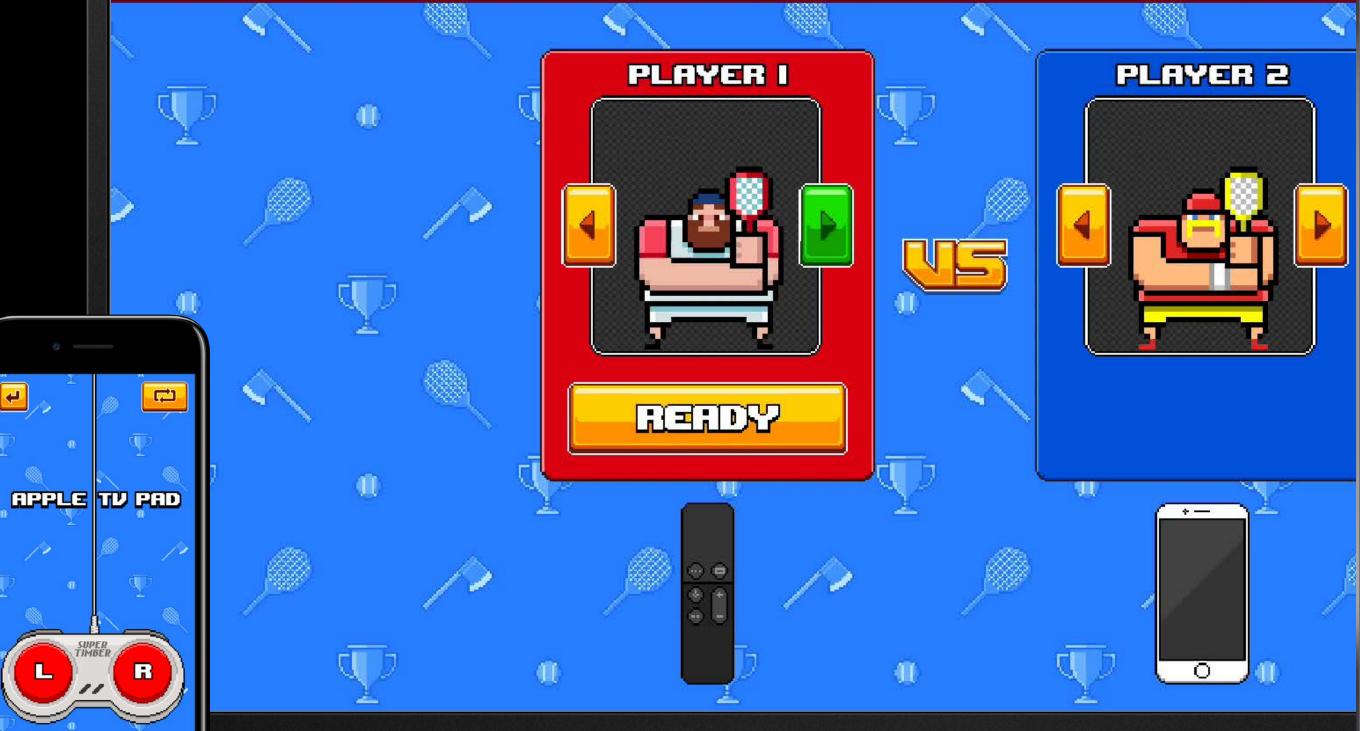
Look for opportunities in combined capabilities

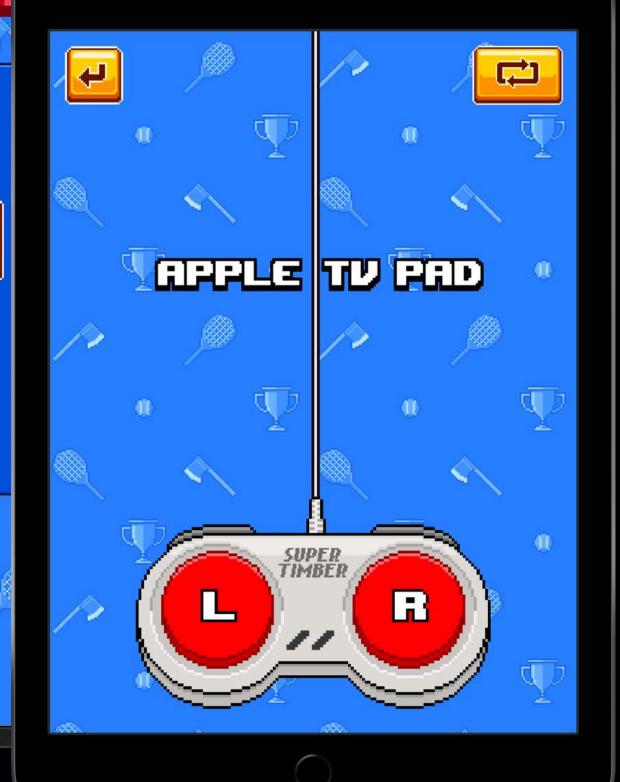
Give clear control

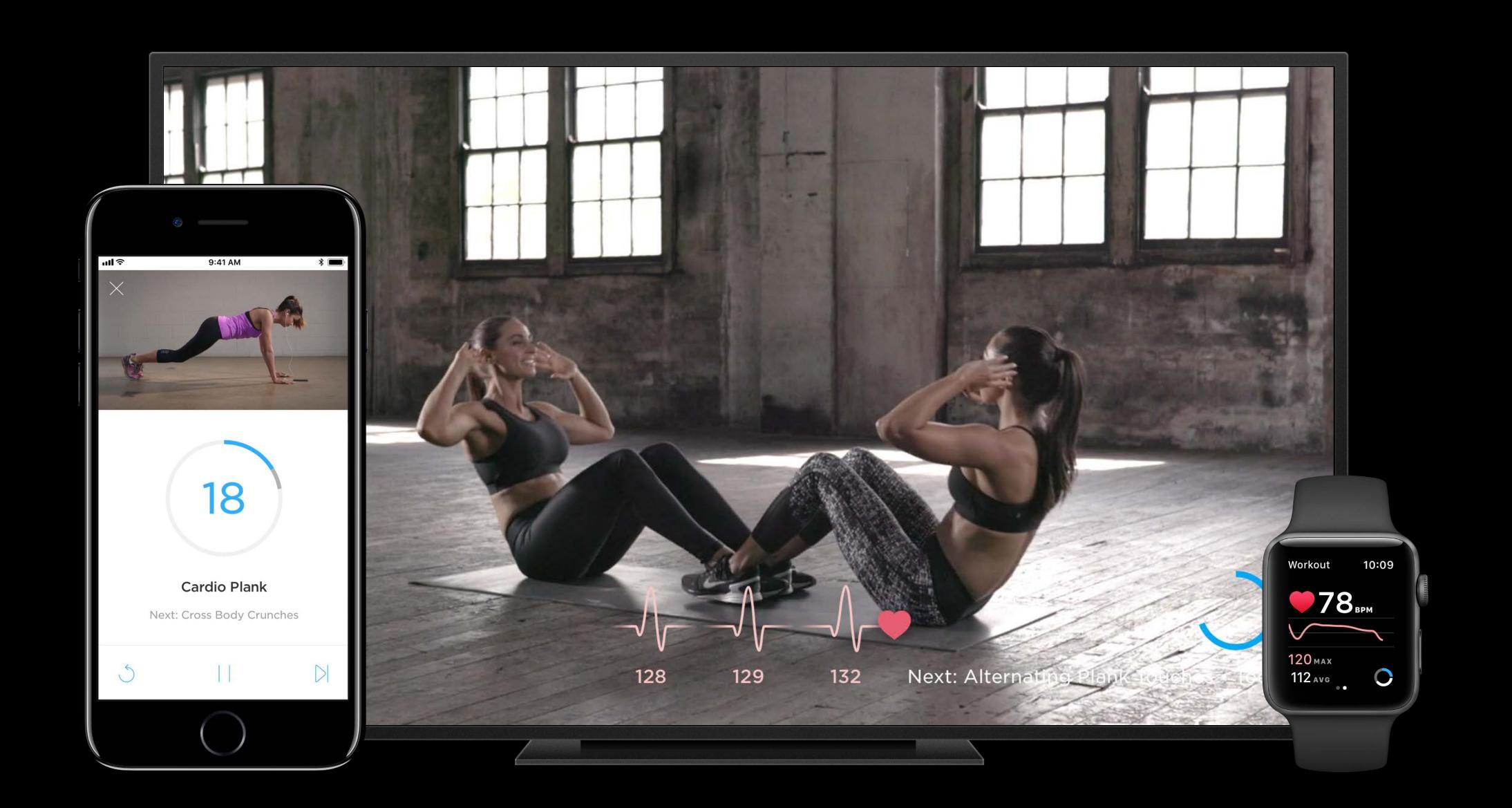
Make it optional

Make it effortless



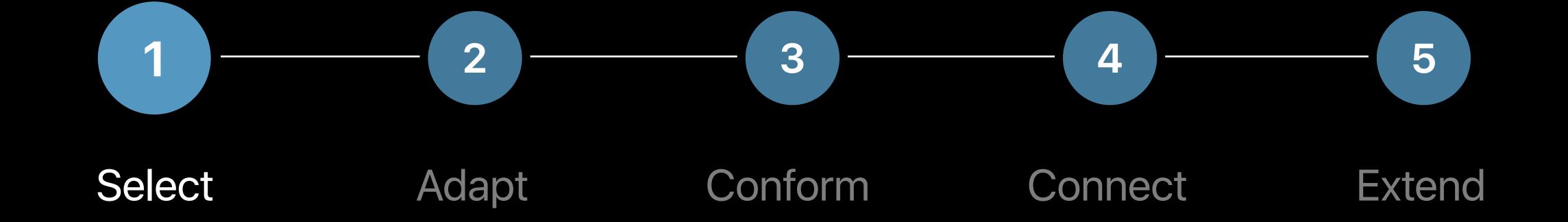






























A holistic experience that's greater than its parts.

More Information

https://developer.apple.com/wwdc17/804

Related Sessions

Introducing Passwords AutoFill for Apps		WWDC17
Essential Design Principles		WWDC17
Designing Sound		WWDC17
Modern User Interaction on iOS		WWDC17
Design For Everyone	Hall 3	Thursday 11:00AM
Building Visually Rich User Experiences	Hall 2	Thursday 5:10PM
Planning a Great Apple Watch Experience	Grand Ballroom B	Thursday 5:10PM

SWWDC17