



Apple User Group

June 30th, 2022
106th Presentation*

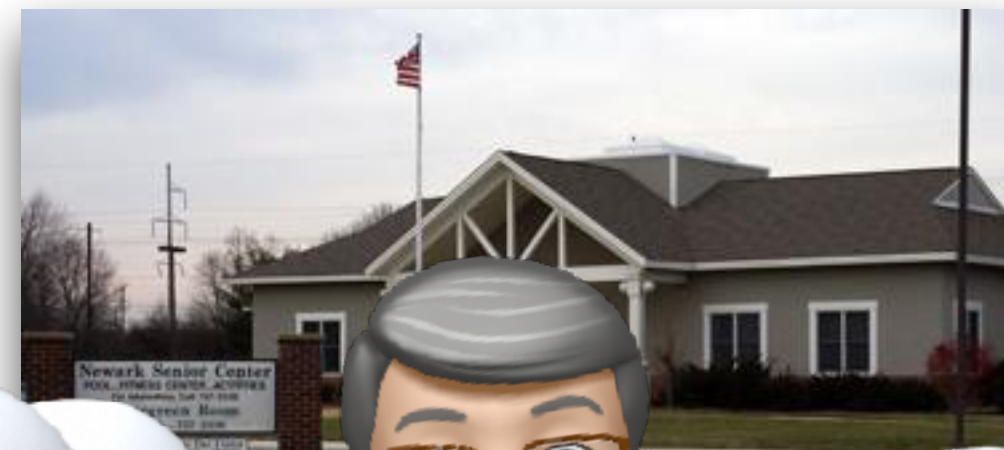


*Since Jan 2010

Next Meeting

July 28th, 2022

Thursday 1:00pm



Apple WWDC22





WWDC22

- Apple had it's developer conference keynote on June 6th
- Craig Federighi, the senior VP of software engineering, hosted most of the session and was very entertaining
- The Keynote was 2 hours long and is available on Apple TV, the Apple Website, as well as on YouTube
- Apple announced 2 new Macs: A brand new MacBook Air, and a refreshed MacBook Pro 13"
- In addition, they revealed features that will be coming in the fall for iOS, iPadOS, macOS, and watchOS

MacBook Air





MacBook Air



- The new MacBook Air has an faster upgraded M2 chip
- The laptop has a new thinner design with 20% less volume, and it's now squarish vs wedge shape
- The new MacBook Air is 0.44" thick and weighs only 2.7 lbs
- It comes in four colors: silver, space grey, starlight (gold-ish, and midnight (blue-ish)



MacBook Air 2020

Size Comparison

MacBook Air

11.3mm



iPhone 2G

11.6mm





MacBook Air



- Apple has brought back a very popular feature: MagSafe charging
- A dedicated MagSafe 3 charging cord attaches magnetically and offers a quick release if you trip over your cord
- It has two Thunderbolt/ USB 4 ports which could also be used for charging if you wish
- There is a dedicated 3.5 mm headphone jack for hi-impedance headphones



MagSafe Charger



MacBook Air



- The new Air has a larger 13.6” display (vs 13.3”) and is 25% brighter
- It has a notch and thinner borders than the previous model
- A new 1080p HD FaceTime camera has twice the resolution and twice the low light performance
- It has a full-height Magic Keyboard with Touch ID



MacBook Air



- The M2 chip is 1.4x faster than the previous M1 chip
- The Unified Memory in the M2 is also faster than M1, with 50 percent more bandwidth
- It can be configured up to 24GB, compared to just 16GB in the M1 model
- It's fan-less and therefore extremely quiet
- You can order it starting July 8th, and Apple will continue to sell last year's M1 model as a separate option

MacBook Pro 13"



13" MacBook Pro



- Apple also upgraded to the faster M2 chip for its current 13" MacBook Pro model in an otherwise unchanged product
- The M2 is up to 1.4x faster than the previous M1
- The Macbook Pro has a 13" screen, and is available in two colors, silver or space gray
- It's 0.64" thick and weighs 3 pounds, with exactly the same form factor as the previous 13" model

13" MacBook Pro



- The Unified Memory in the M2 is also faster than M1, featuring 50 percent more bandwidth
- It can also be configured up to 24GB, compared to just 16GB in the M1 model
- The M2 MacBook Pro also has two Thunderbolt/USB 4 ports with support for charging and a headphone jack
- The M2 MacBook Pro is available to order now



Apple MacBooks




	MacBook Air M1	MacBook Air M2 New	MacBook Pro 13" M2 New	MacBook Pro 14" M1	MacBook Pro 16" M1
SOC	M1	M2	M2	M1Pro/M1Max	M1Pro/M1Max
Screen Size	13.3"	13.6"	13.3"	14.2"	16.2"
CPU Cores	8	8	8	10	10
Max GPU Cores	7	10	10	16/32	16/32
Memory (GB)	8,16	8,16,24	8,16, 24	8,32 / 8,32,64	8,32 / 8,32,64
Storage	256,512,1TB, 2TB	256,512,1TB, 2TB	256,512,1TB, 2TB	512,1TB,2TB,4TB, 8TB	512,1TB,2TB,4TB, 8TB
Battery Life (hrs)	18	18	20	17	21
Starting Cost	\$999	\$1,199	\$1,299	\$1,999	\$2,499

Coming this Fall



Compatibility



- Some current devices will no longer be able to run the new OS's in the fall
- iOS 16 will drop support for iPhone 6s, iPhone 7 and iPhone SE (first-generation)
- iPadOS 15 drops the iPad Mini 4 and the iPad Air 2
- watchOS 9 drops the  Watch 3
- macOS drops several older Macs (details later)
- Note: Not all devices will be able to run all the new features

iOS 16 is compatible with these devices.

[Learn more about iPhone >](#)

iPhone 13

iPhone 13 mini

iPhone 13 Pro

iPhone 13 Pro Max

iPhone 12

iPhone 12 mini

iPhone 12 Pro

iPhone 12 Pro Max

iPhone 11

iPhone 11 Pro

iPhone 11 Pro Max

iPhone XS

iPhone XS Max

iPhone XR

iPhone X

iPhone 8

iPhone 8 Plus

iPhone SE (2nd generation or later)

iPadOS is compatible with these devices.

[Learn more about iPad >](#)

iPad Pro (all models)

iPad Air (3rd generation and later)

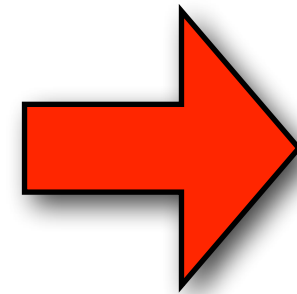
iPad (5th generation and later)

iPad mini (5th generation and later)



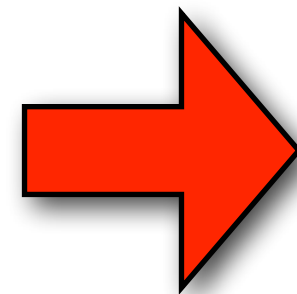
watchOS 9 compatibility.

[Find your Apple Watch model >](#)



watchOS 9 requires iPhone 8 or later with iOS 16 or later and one of the following Apple Watch models:

- Apple Watch Series 4
- Apple Watch Series 5
- Apple Watch SE
- Apple Watch Series 6
- Apple Watch Series 7



Not all features are available on all devices or in all regions or languages.

See if your Mac can run macOS Ventura.

[Learn more about Mac >](#)

iMac

2017 and later

[Learn more >](#)

iMac Pro

2017

[Learn more >](#)

MacBook Air

2018 and later

[Learn more >](#)

MacBook Pro

2017 and later

[Learn more >](#)

Mac Pro

2019 and later

[Learn more >](#)

Mac Studio

2022

[Learn more >](#)

Mac mini

2018 and later

[Learn more >](#)

MacBook

2017 and later

[Learn more >](#)

Common New Features





Common New Features

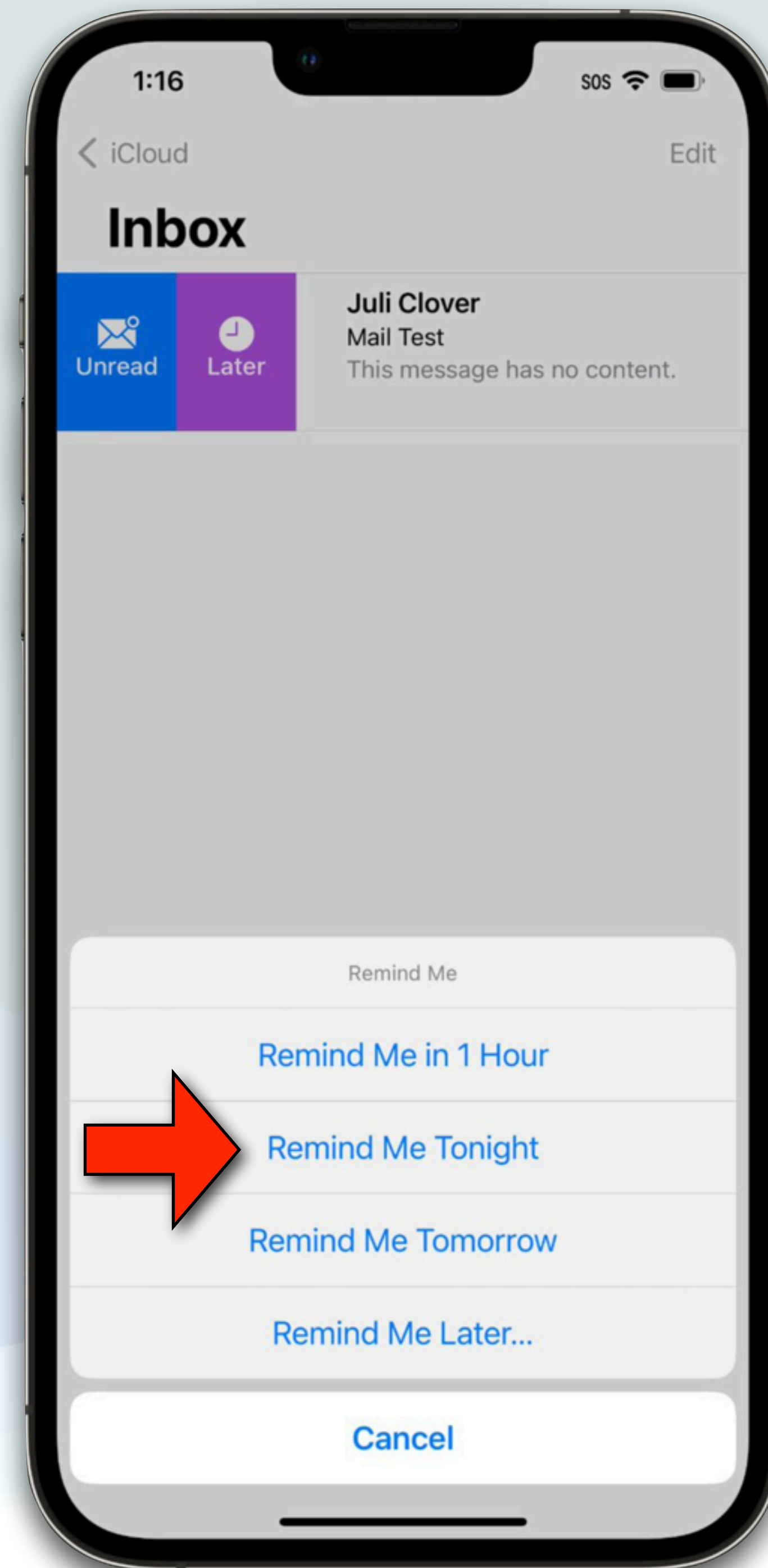
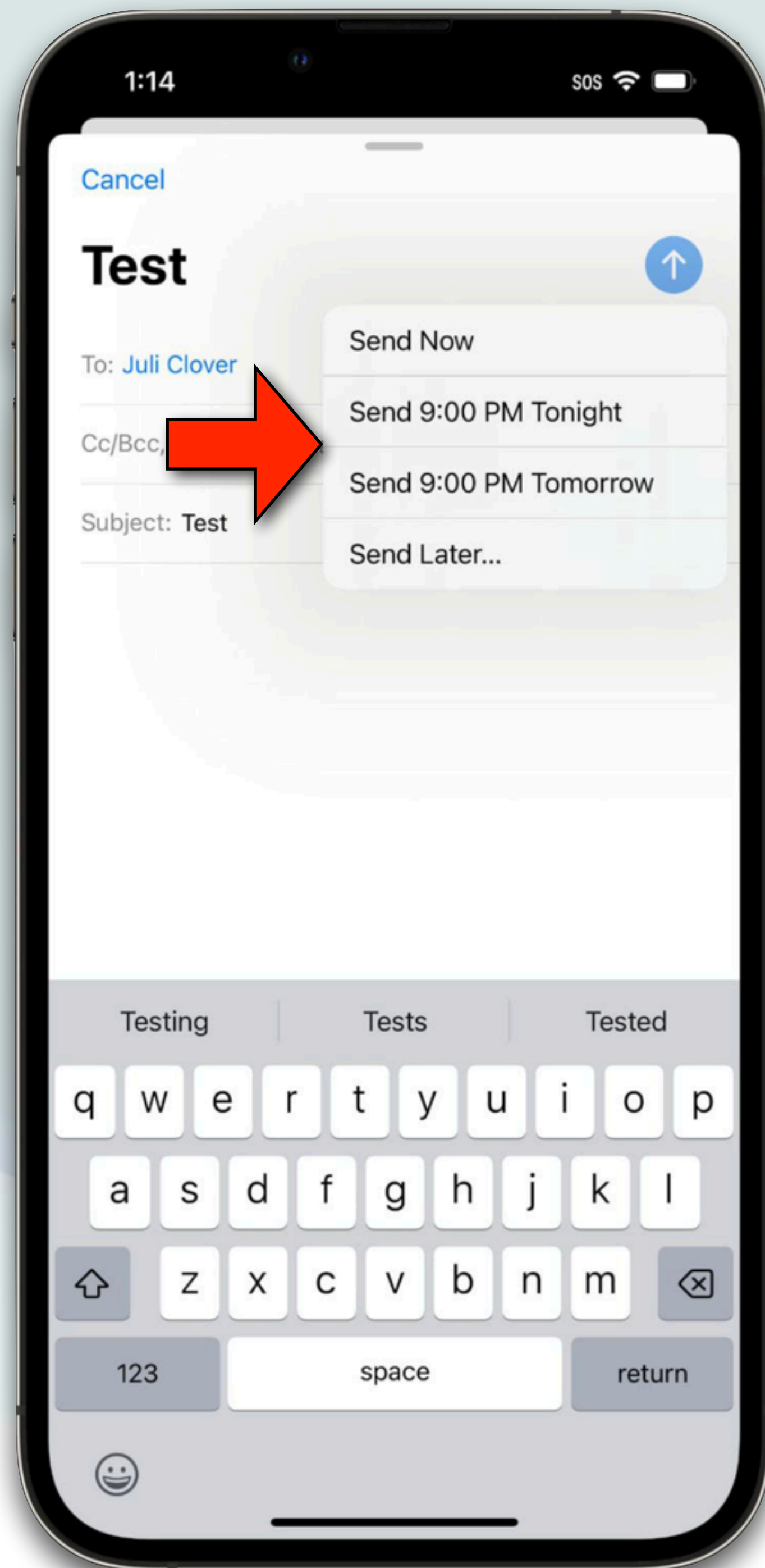


- There are many new features common across all the OS's (macOS Ventura, iOS 16 and iPadOS 16)
- This is one of the things I like about Apple
- The ability to have the same features added in sync with each other across your devices
- This improves usability and reduces the learning curve
- Let's talk a look at some of them

Mail



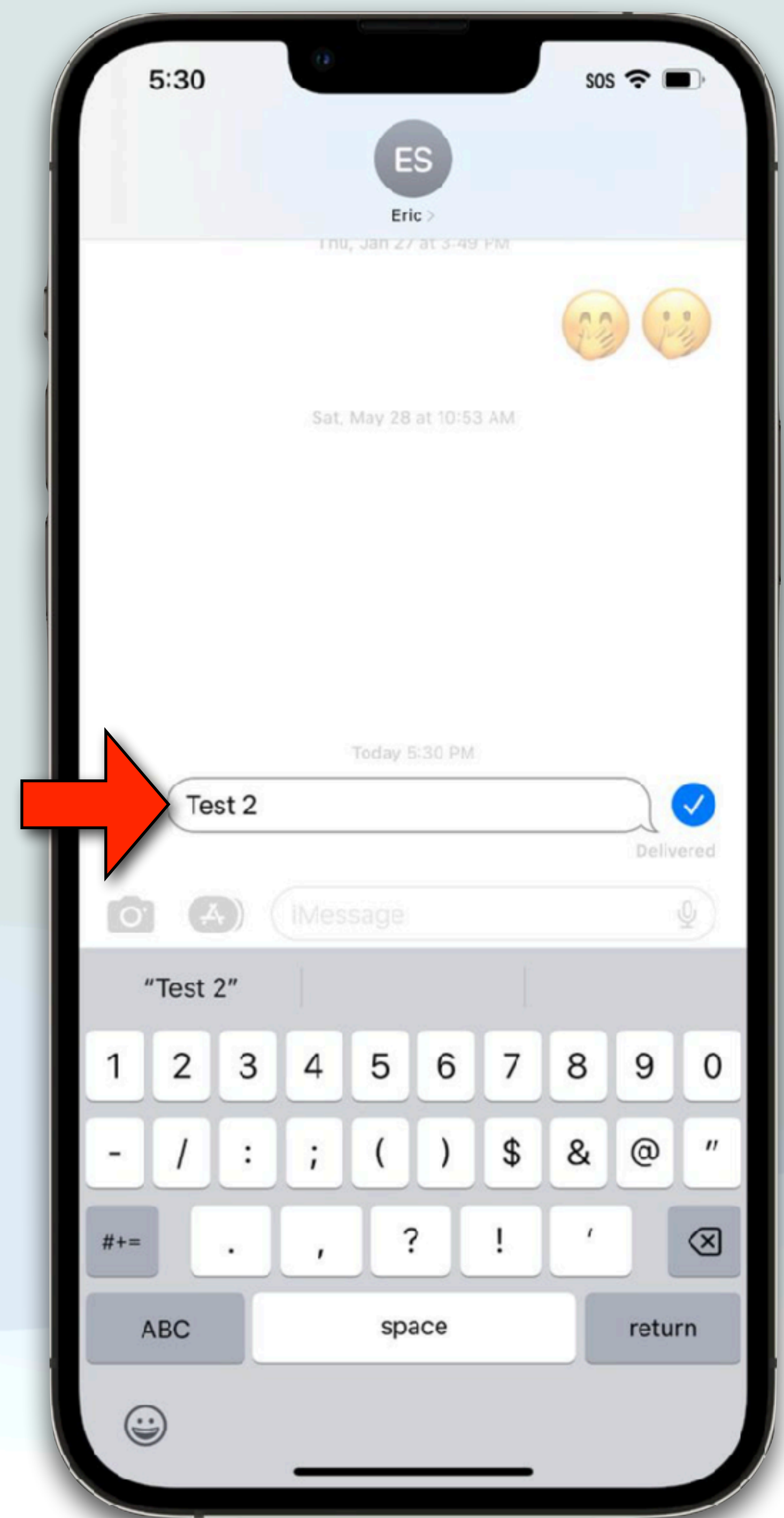
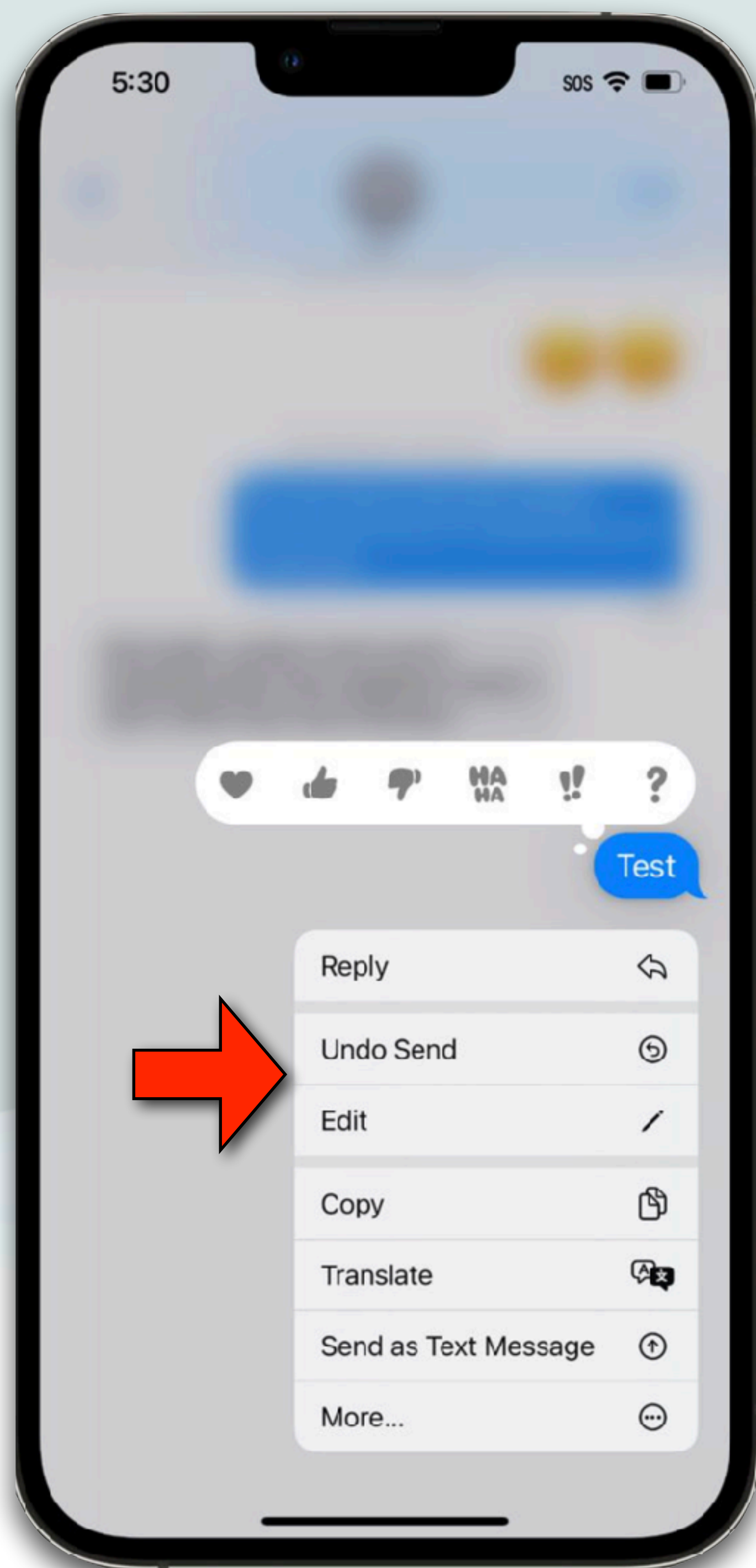
- Ever send an email and immediately found something that you wish you had done differently?
- Now you can “unsend” an email within 10 Seconds after it's sent
- You will be able to schedule an email to be sent in the future
- There’s a feature that reminds you to act on an email later
- It can also remind you to follow up on emails if you haven't gotten a response
- Mail will alert you if you've mentioned an attachment and forgotten to add it



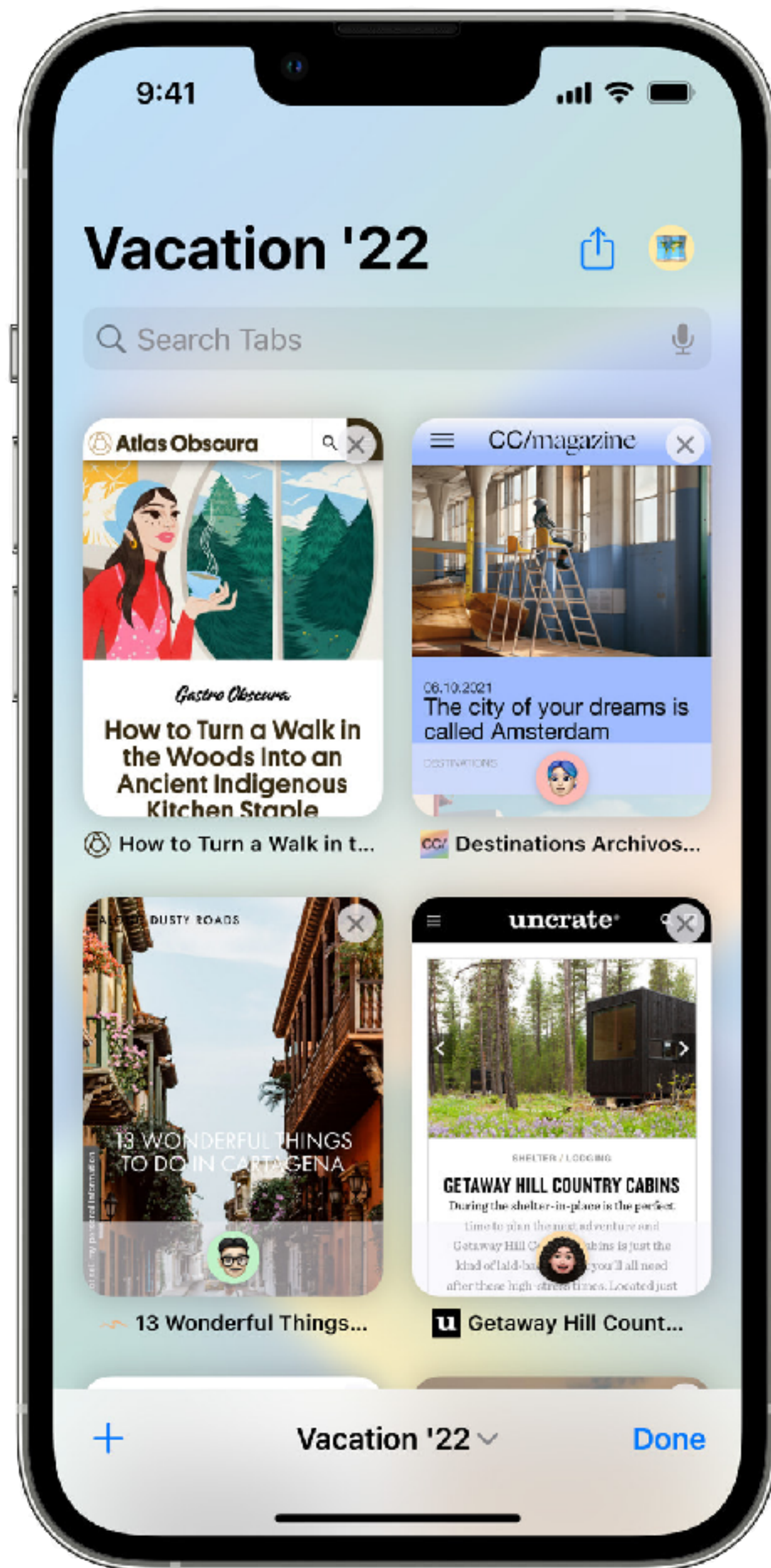
Messages



- You'll now have the ability to edit or even cancel a sent message (within 15 minutes)
- This is great for when you post a message to the wrong person (Something I do quite often), or you notice typo's after you send a message
- You can mark a message as unread, so you can come back to it later
- You can recover messages you previously deleted
- You can now use SharePlay with Messages, just like you can in FaceTime



Safari Tab Group



- Safari adds shared Tab Groups to share a collection of websites with friends and family
- So if you're planning a trip, everyone can contribute links that everyone else can see
- Be aware that anyone on the shared list can edit, add, or delete links in a shared tab



iCloud Shared Photo Library



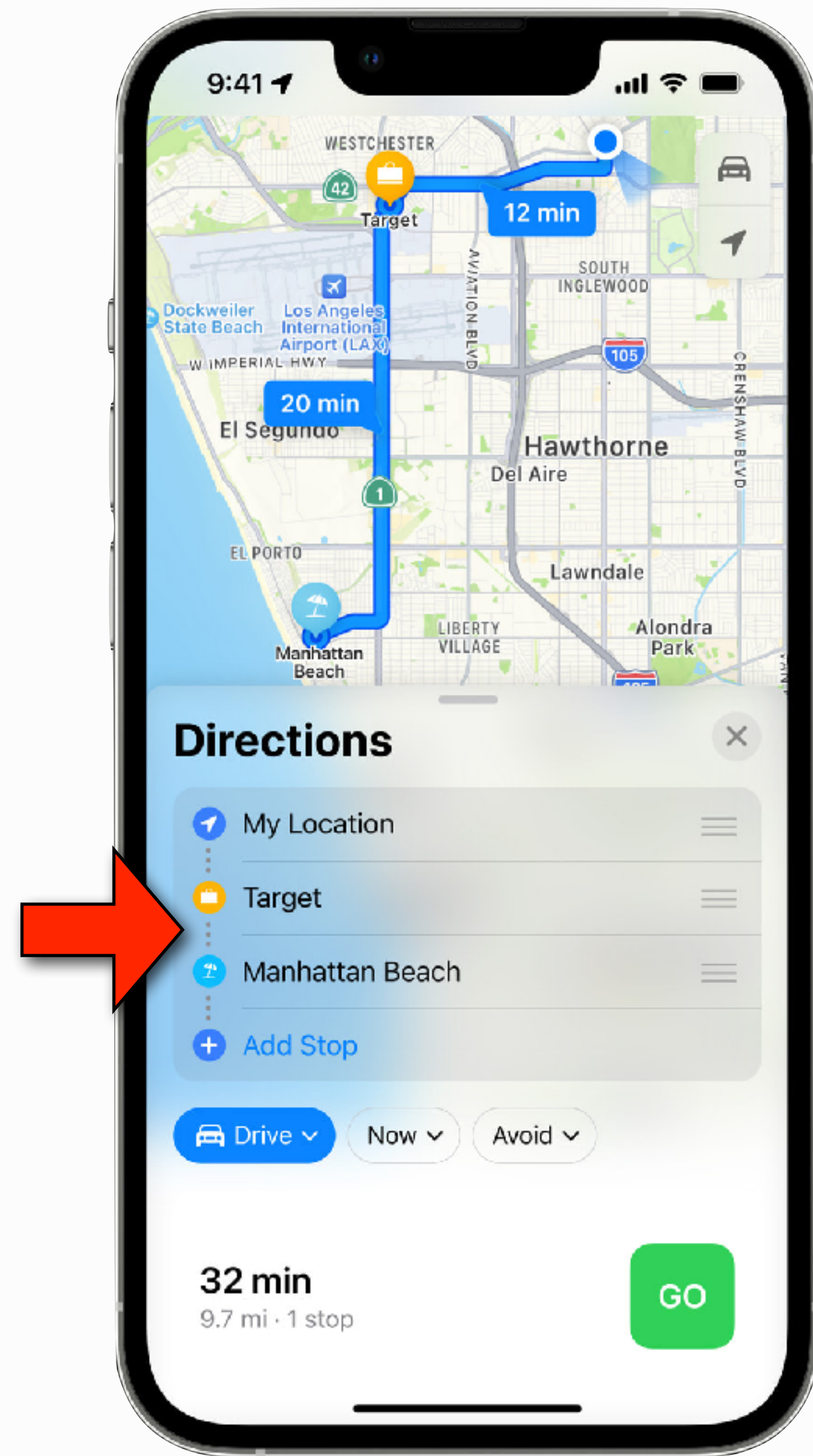
- Up to six family members can now share photos with each other in a separate shared photo library
- Users can share existing photos from their personal libraries, or share based on a start date or people in the photos
- A user can also choose to send photos to the Shared Library automatically using a new toggle in the Camera app
- Every user in the Shared Photo Library has access to add, delete, and edit the shared photos or videos



Common Features



- Maps - The Maps app now supports multiple stops (up to 15 stops in a route)
- Apple added a feature that lets you grab the subject of an image, isolate it from the background, and drag it out into another app
- It works automatically, and can be used in Photos, Safari, Screenshots, and more
- It's magic and utilizes powerful AI to accomplish it





Passkeys



- Apple announced passkeys: an initiative it has been working on with Google, Microsoft, and the FIDO Alliance, to eliminate passwords for account login purposes
- Passkeys are essentially a type of biometric sign-in standard
- Once you set up a passkey on an account, you'll be able to use it to log in by authenticating with either Face ID or Touch ID
- Passkeys can be backed up to iCloud and synced across your iPhone, iPad, and Mac devices in an end-to-end encrypted fashion

Freeform



- A new Freeform app, an electronic whiteboard for collaboration, is being developed
- It will allow you to plan projects, draw with a friend, share files, and insert web links, documents, video, and audio
- As others add their thoughts, you can see changes on the canvas in real time
- Freeform will be available as a separate app released sometime later in the year (not with the fall OS's)





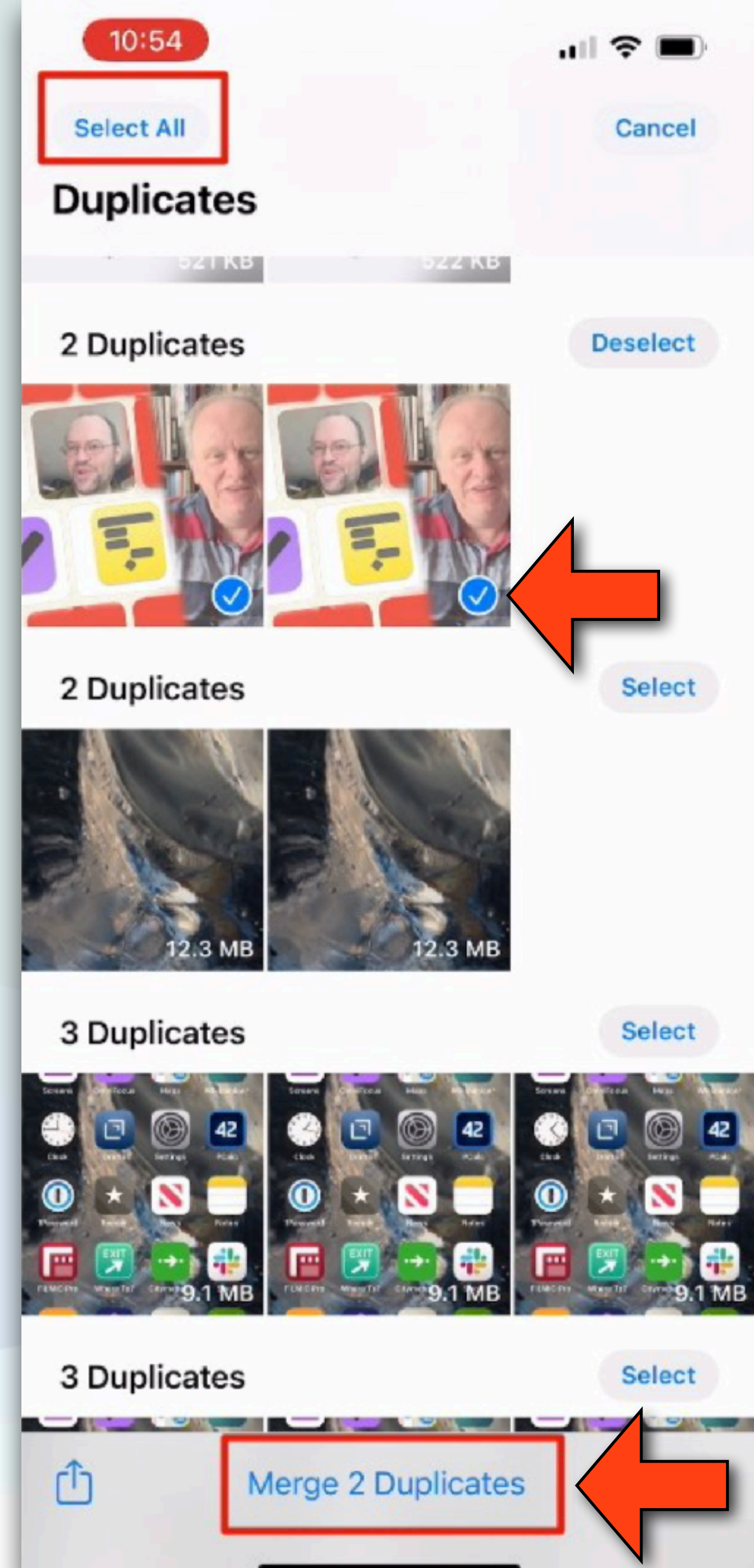
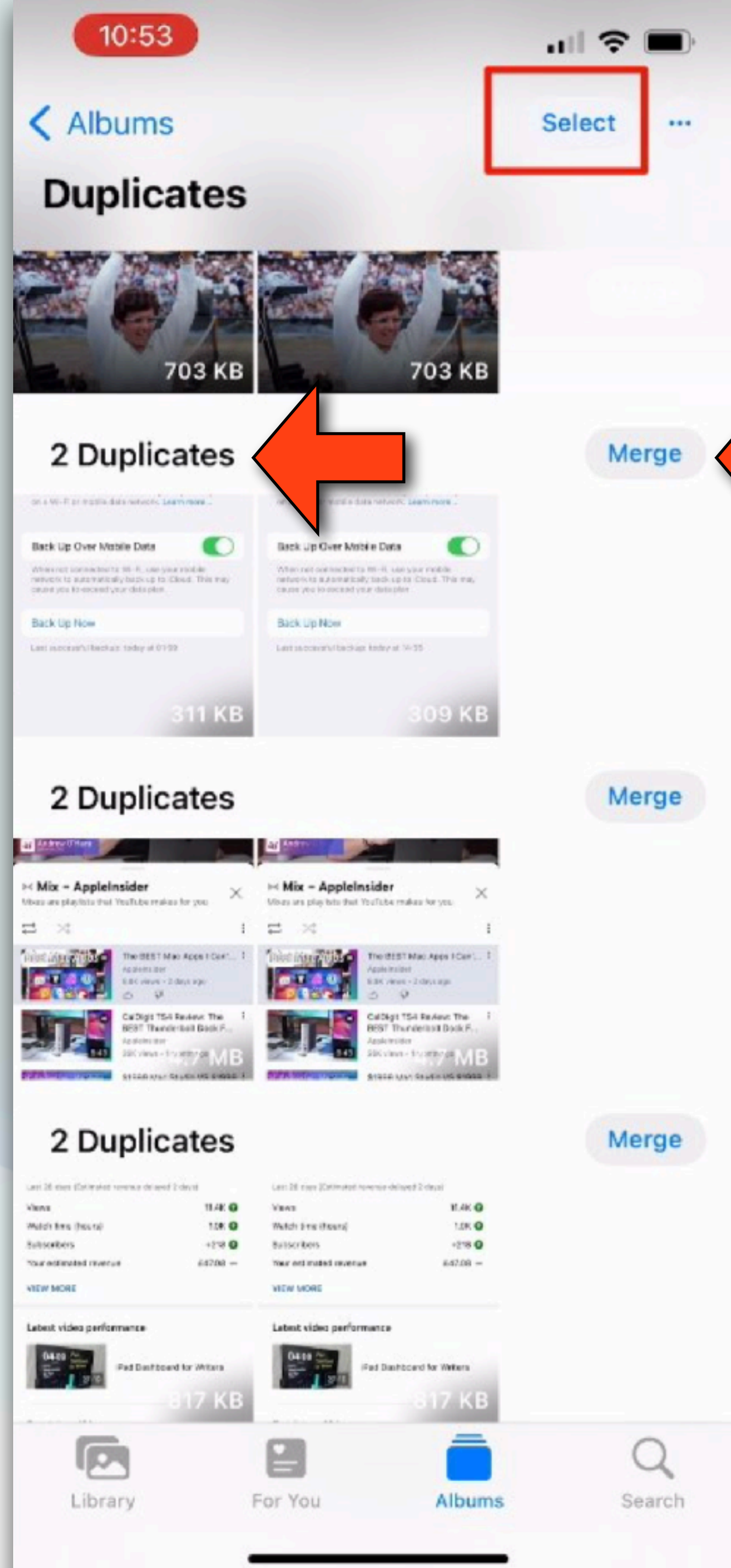
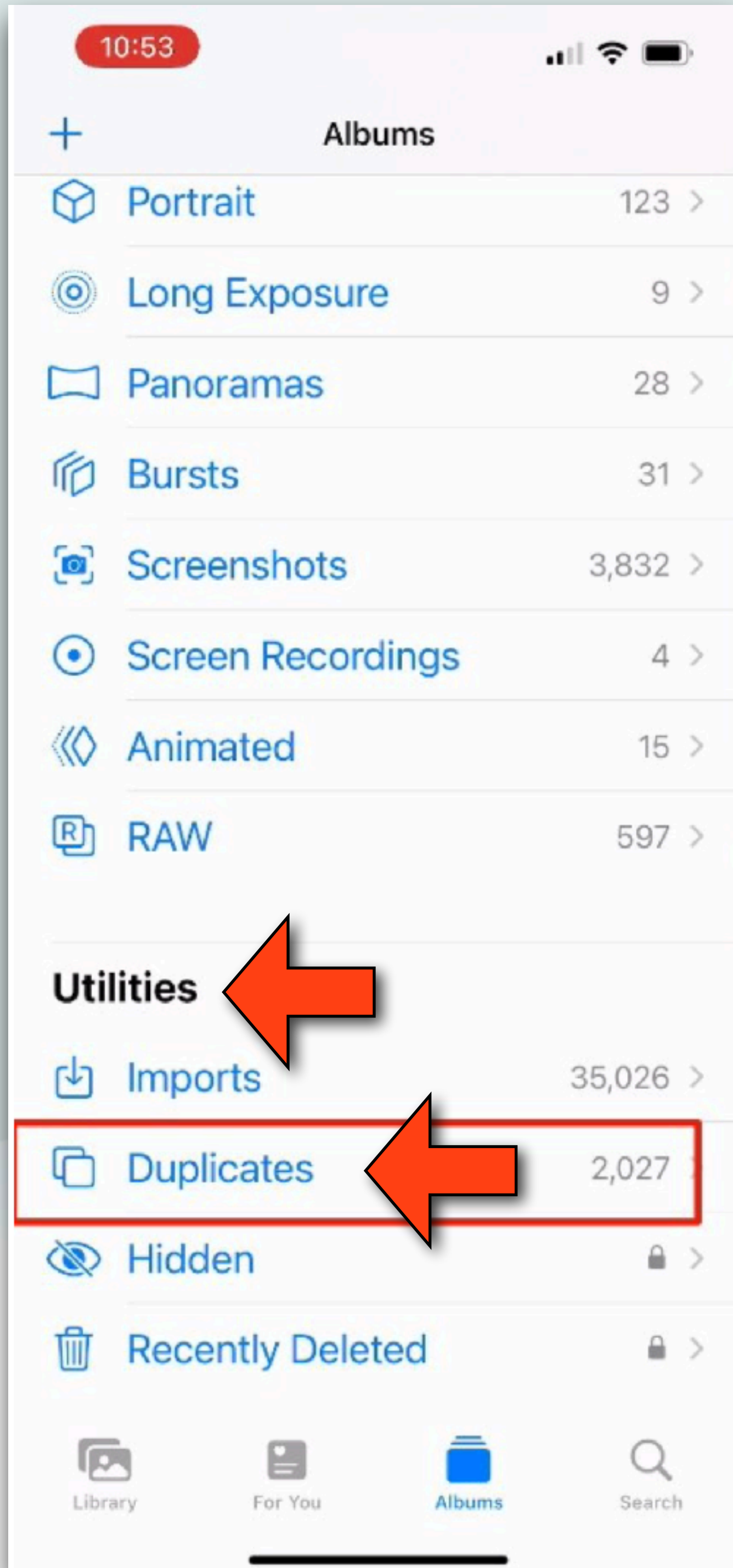
Duplicate Photos

- New tools will allow you to find every duplicate photo you've got in the Photos app
- There is a new album called "Duplicates" in the Utilities section
- Go into that album and every duplicate image is shown
- You can see the total number of duplicates at the bottom of the screen, but also a separate count of each duplicate

Duplicate Photos



- If there are two identical images, Apple describes them as being "2 Duplicates."
- It also displays small thumbnails of them both, so you can tap to look at them and verify it is a duplicate
- You then have to option to merge the duplicates or not
- If you merge photos, Apple will pick whichever is the higher quality image, and it will take the metadata from each image, such as tags, and puts it all in the surviving image



iOS 16



iOS 16 Lock Screens





Lock Screen



- The biggest change in iOS 16 is to the Lock Screen which now is much more customizable
- The Lock Screen now has a multilayered effect so that subjects in photos are set in front of the time on the Lock Screen, giving it a sense of depth
- The date and time can also be changed with various typefaces and colors

Lock Screen



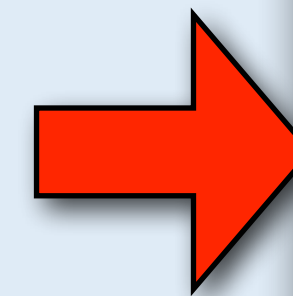
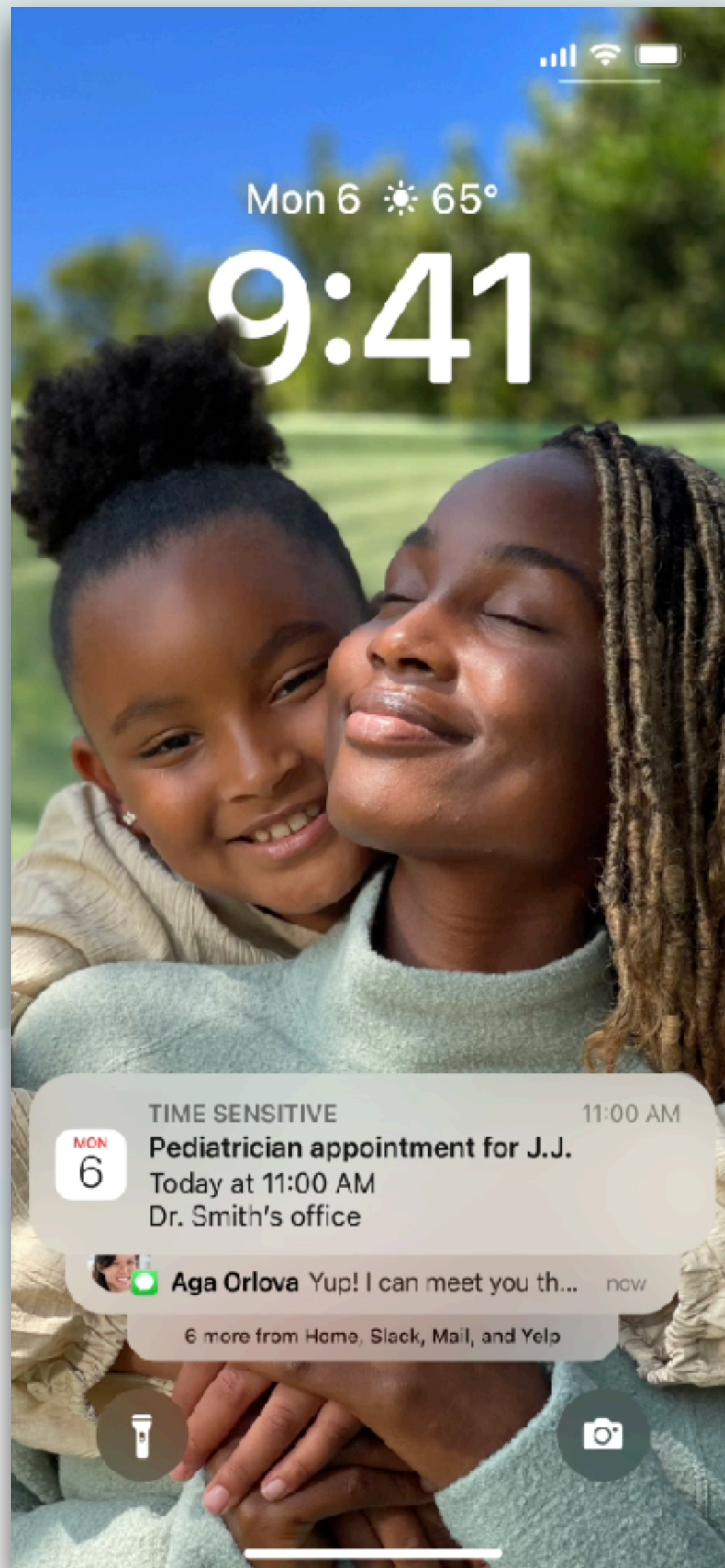
- Similar to  Watch faces, you can add widgets to the lock screen, like calendar events, weather, battery levels, alarms, time zones, Activity Ring progress, etc...
- You can even make your own lock screens with your emojis or colors
- Multiple Lock Screens are supported, and you can switch between them with a swipe (again like on the  Watch)
- To customize the Lock Screen, you just press and hold on the Lock Screen, tap Customize, and then you're in the lock screen editor

Lock Screen



- Notifications will now roll in from the bottom of the Lock Screen as you get them in real time
- There is a new notification style called Live Activities which is essentially a hybrid between a notification and widget
- For example: You can also track a run or an Uber
- You can even follow a sporting event right from the Lock Screen

iOS 16 Lock Screens



iOS 16 Lock Screens



Lock Screen / Focus



- Focus is improved in iOS 16 by becoming more powerful, and easier to set up and use, plus it now connects to the Lock Screen
- With the Lock Screen integration, you can tie a Lock Screen wallpaper and widgets to a specific Focus, and you can activate a Focus just by swiping to that Lock Screen.
- Focus filters can also display just content that's relevant to a user's Focus, so you aren't distracted by irrelevant content

Medications




- The Health app adds a feature for your medications
- It allows you to build and manage a medications list, create schedules and reminders, and track your medications
- You can manually add a medication, or simply point your iPhone camera at a label
- You can then read about the medications, and you'll receive an alert if there are any potential critical interactions
- In addition, you can easily create and share a PDF of your medications

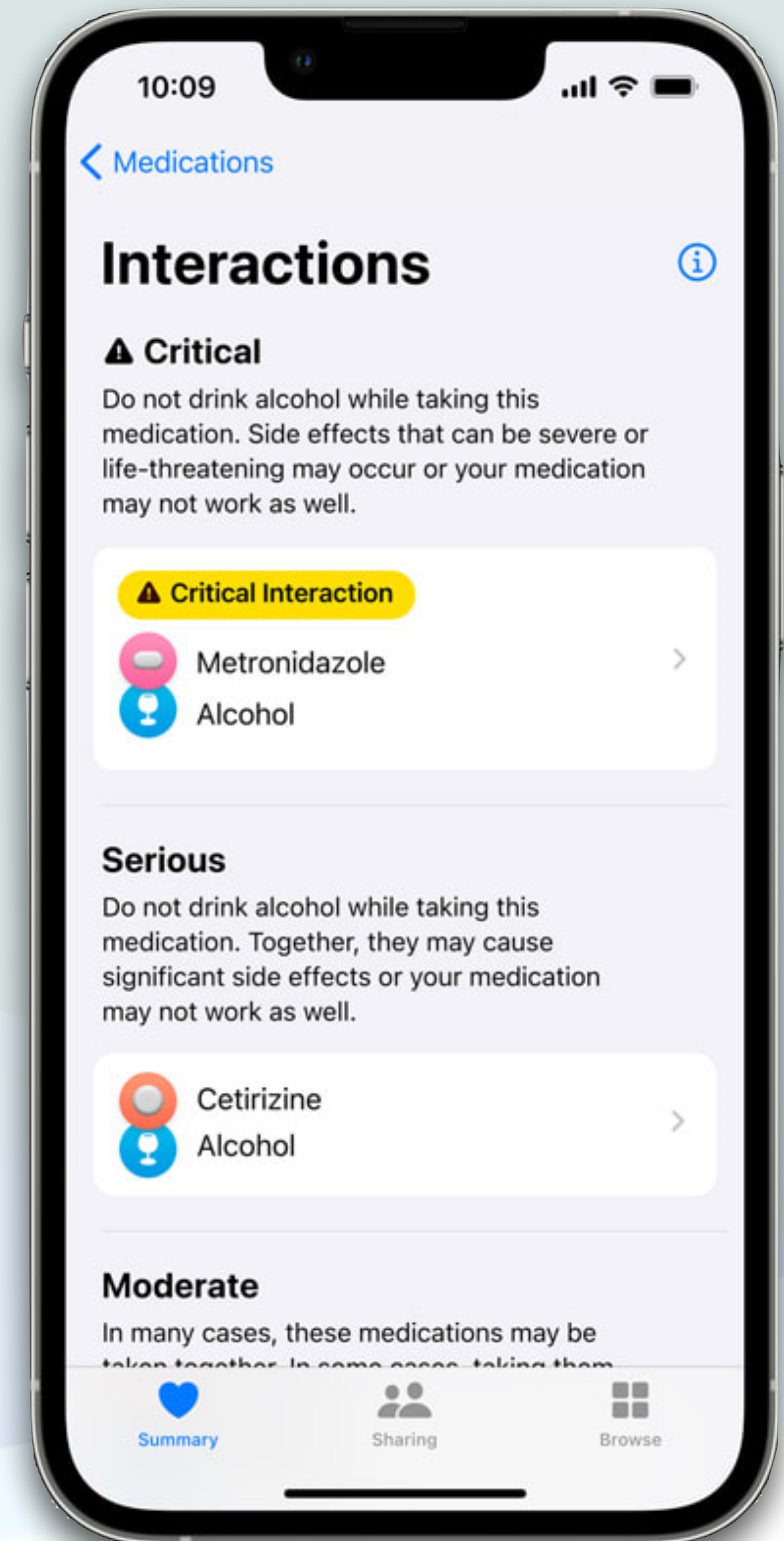
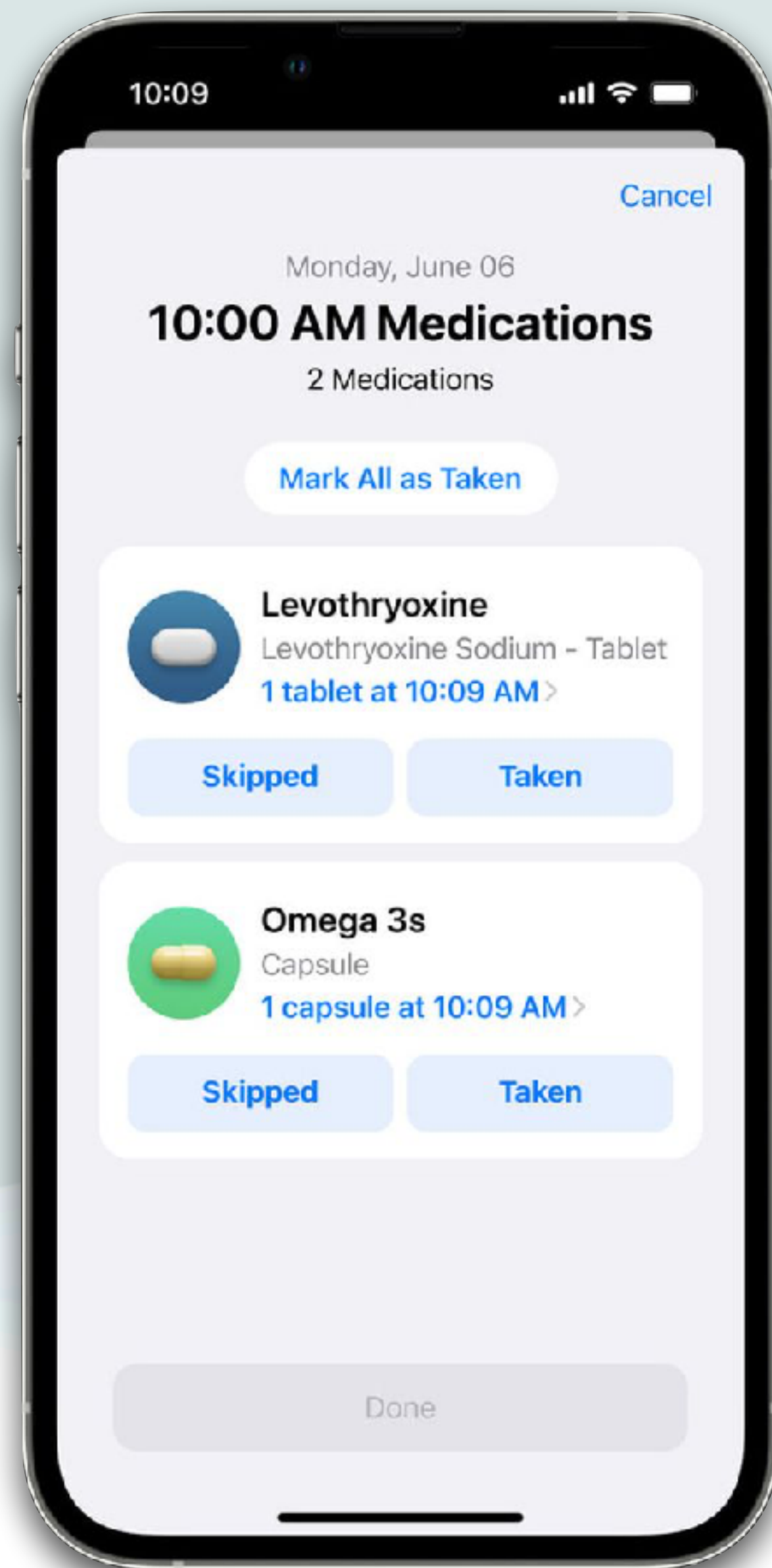


Medications App

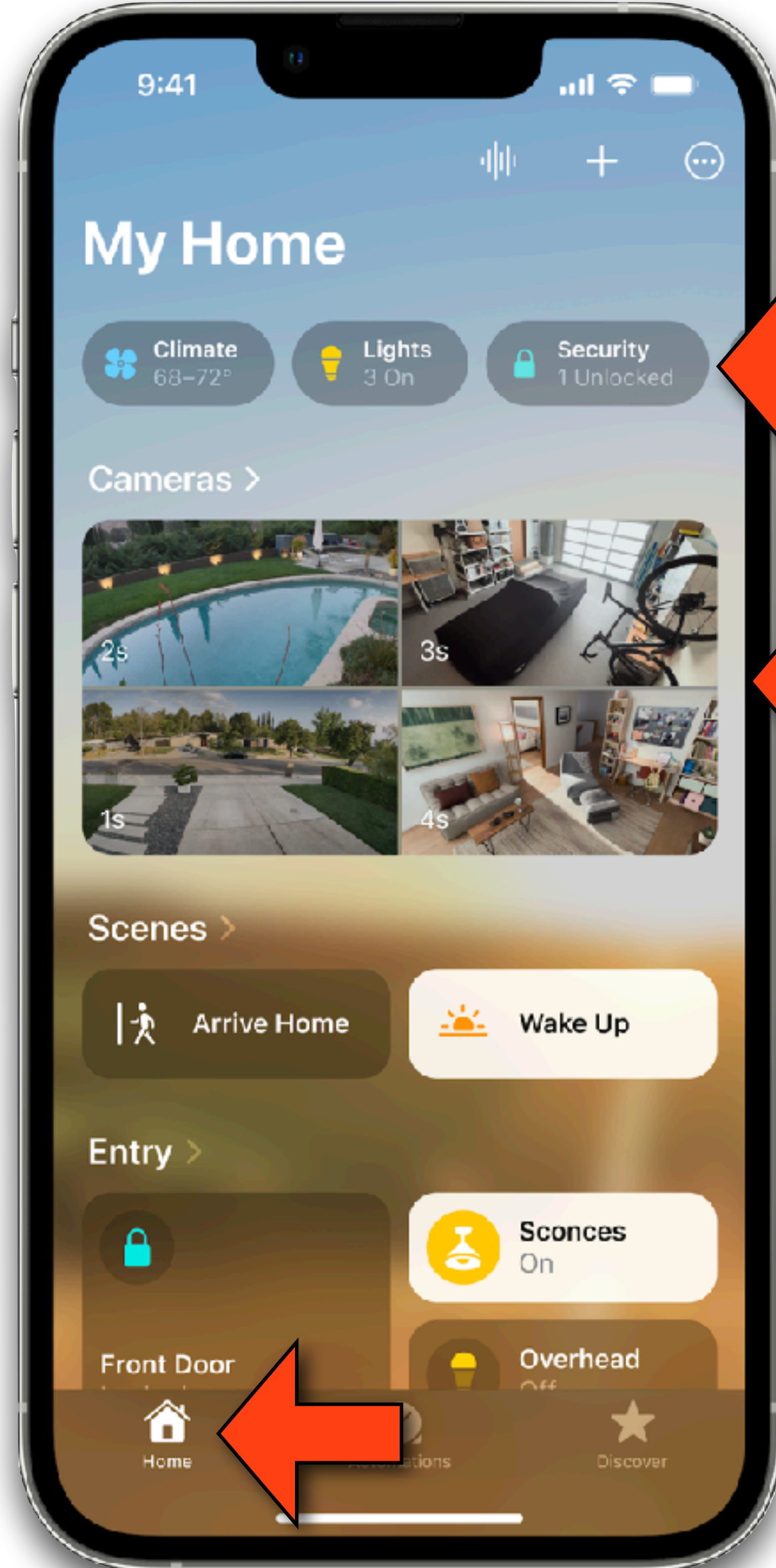


- In addition, there is a new Medications app for the watch that works with the Medication features on the iPhone
- Your  Watch will notify you when you need to take medications and you can mark off if you've taken the medication or skipped it
- There will also be new watch complications that remind you to take medications you use regularly





Home App



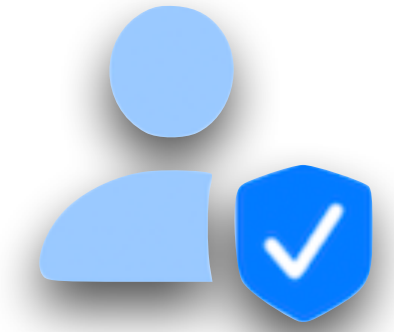
- The Home app has been rebuilt to be more efficient and reliable
- You can navigate to all your smart home accessories in the redesigned Home tab
- New categories for climate, lights, security, and more let you access accessories easier
- And a multi-camera view puts your smart home cameras front and center

Fitness App

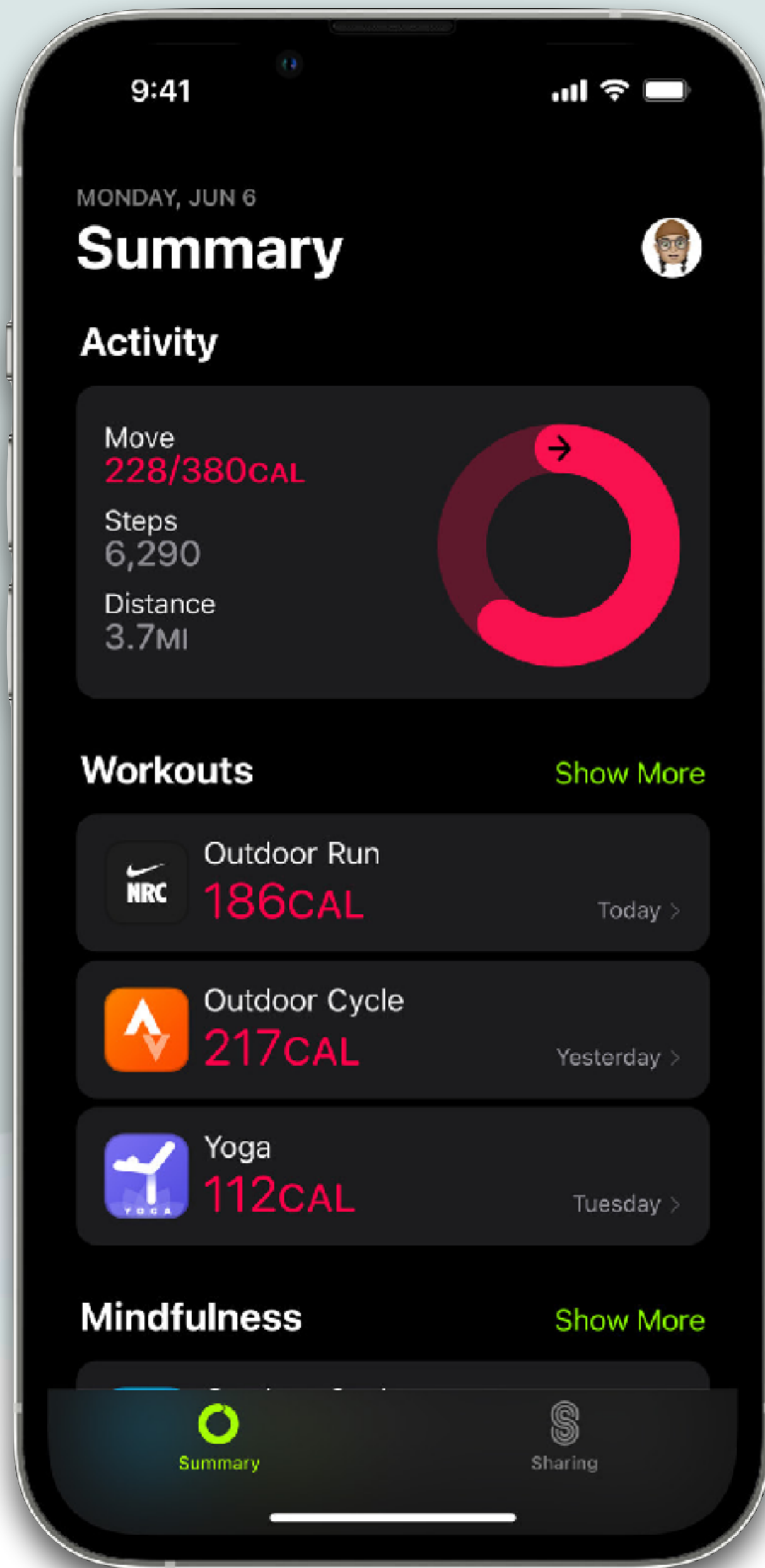


- Apple is bringing its Fitness app to all iPhone users
- Currently, the Fitness app is only available to those with an Apple Watch
- On an iPhone, the Fitness app will use your iPhone's motion sensors to track things like steps, activity and an estimate of calories burned
- These will be used to close your rings (Stand, Move, Exercise)

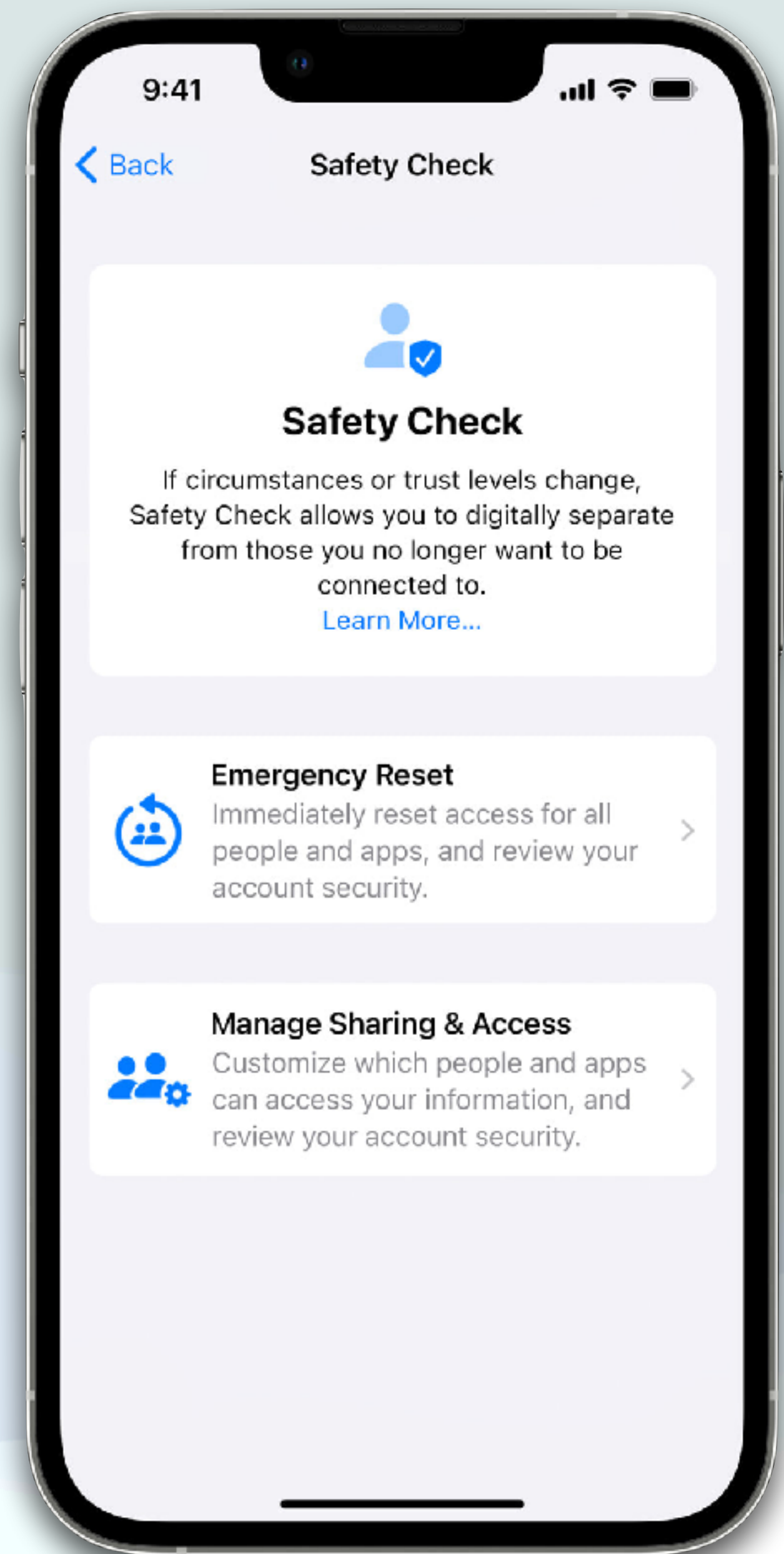
Safety Check



- Apple announced a new feature called Safety Check that centers on the privacy (and safety) of victims of domestic abuse
- iPhone users can quickly review who they've shared access with and what they're sharing, such as location, calendar, and specific apps with Safety Check
- Users will be able to quickly revoke access to others to protect themselves






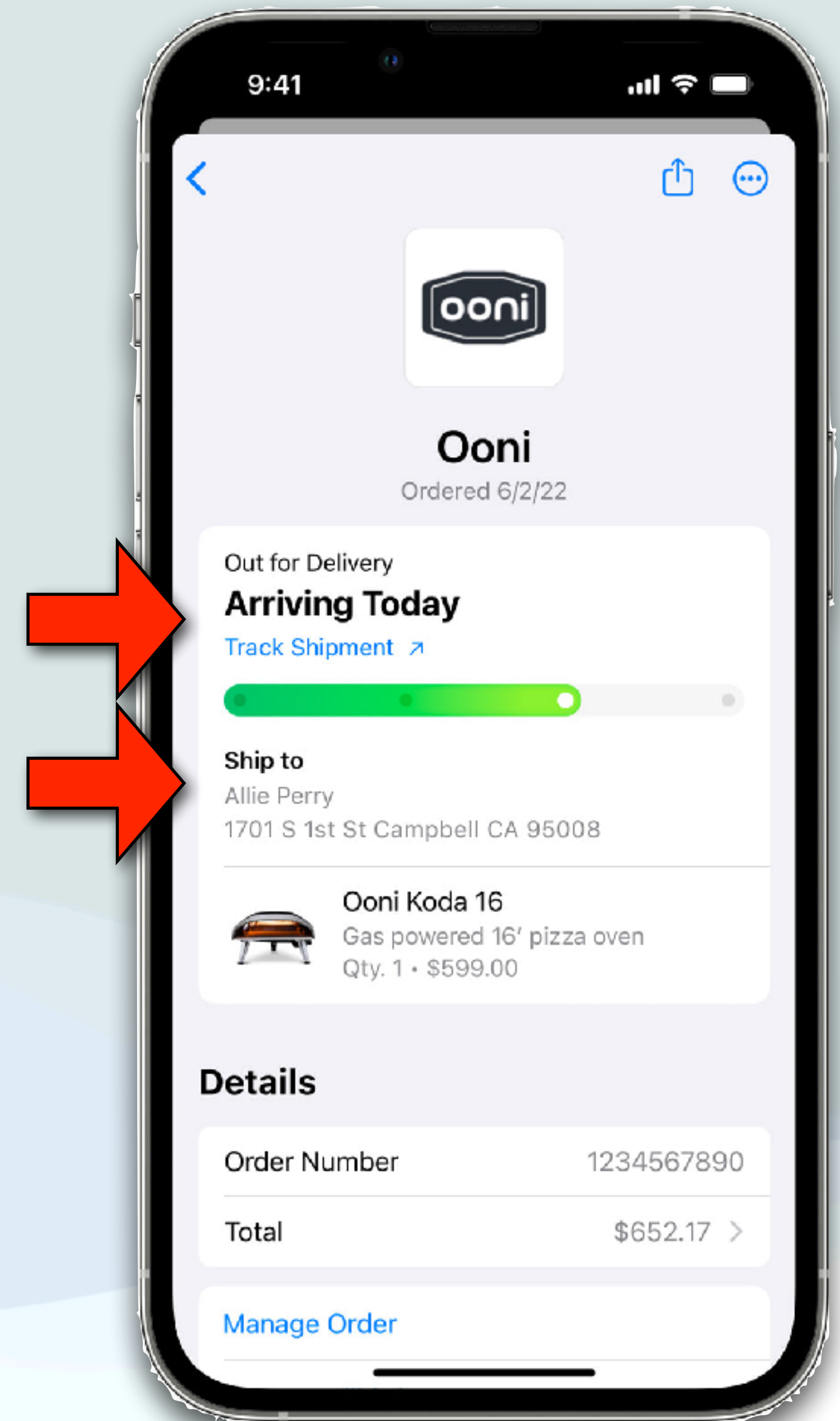
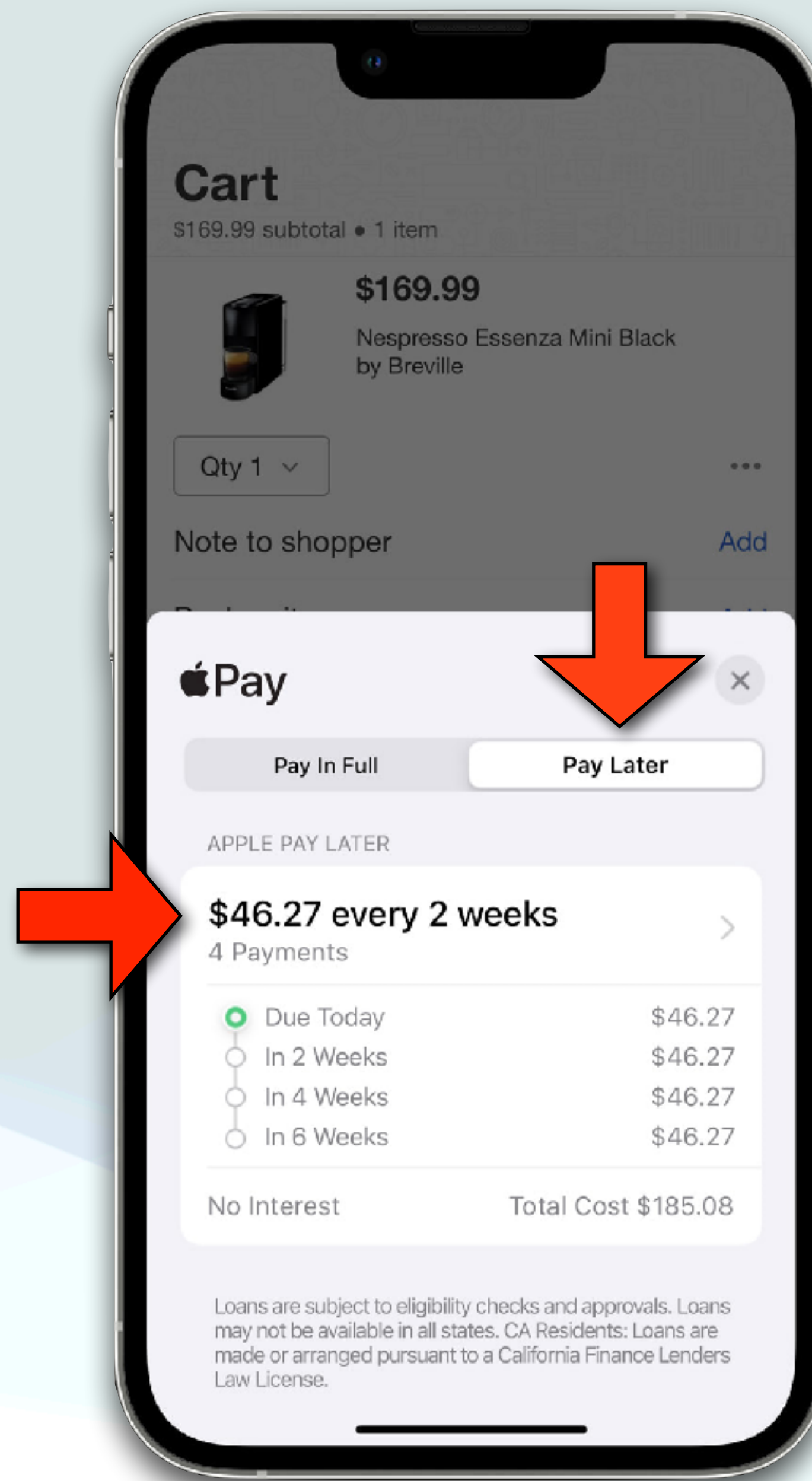
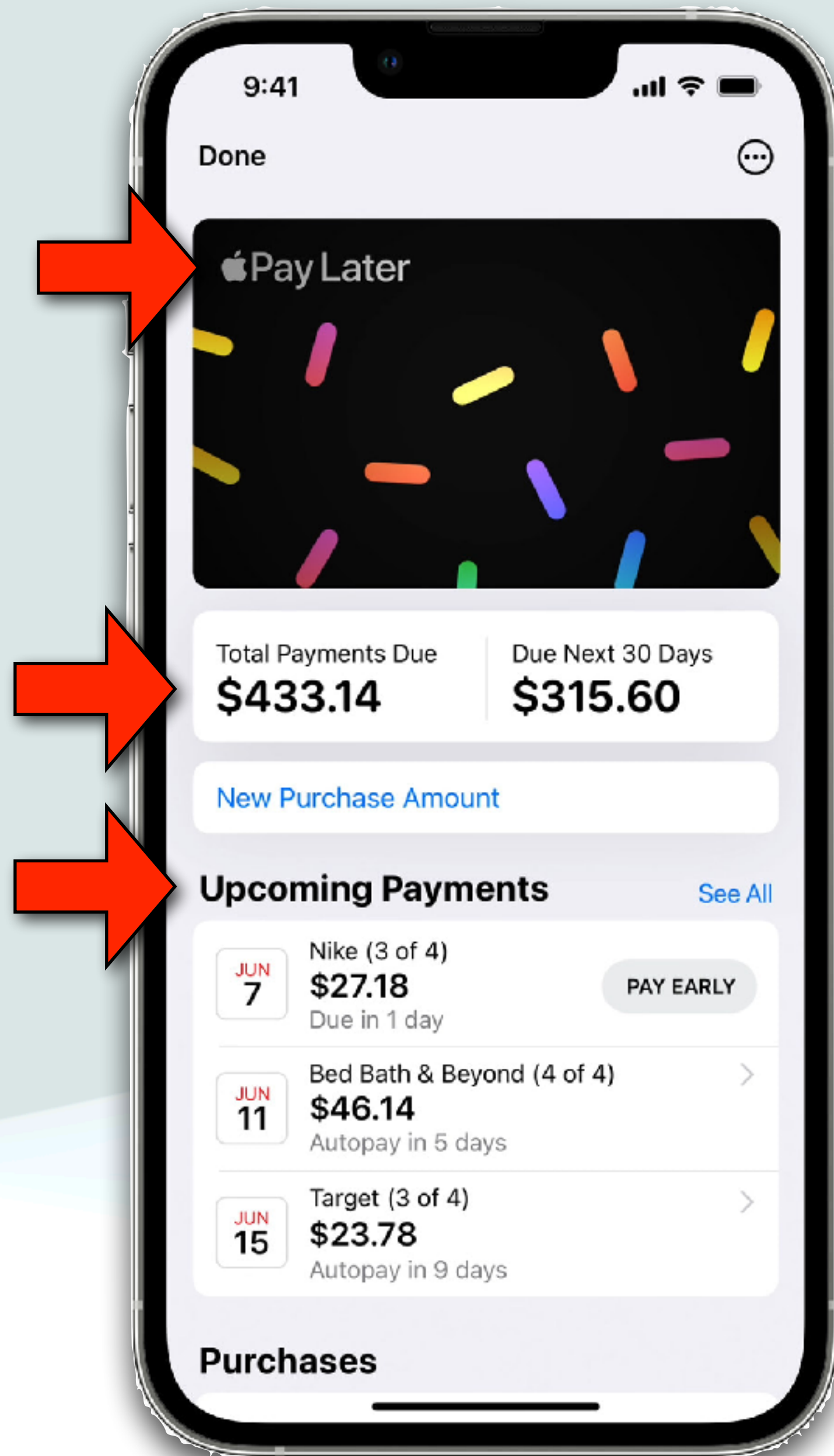
Fitness App



Safety Check



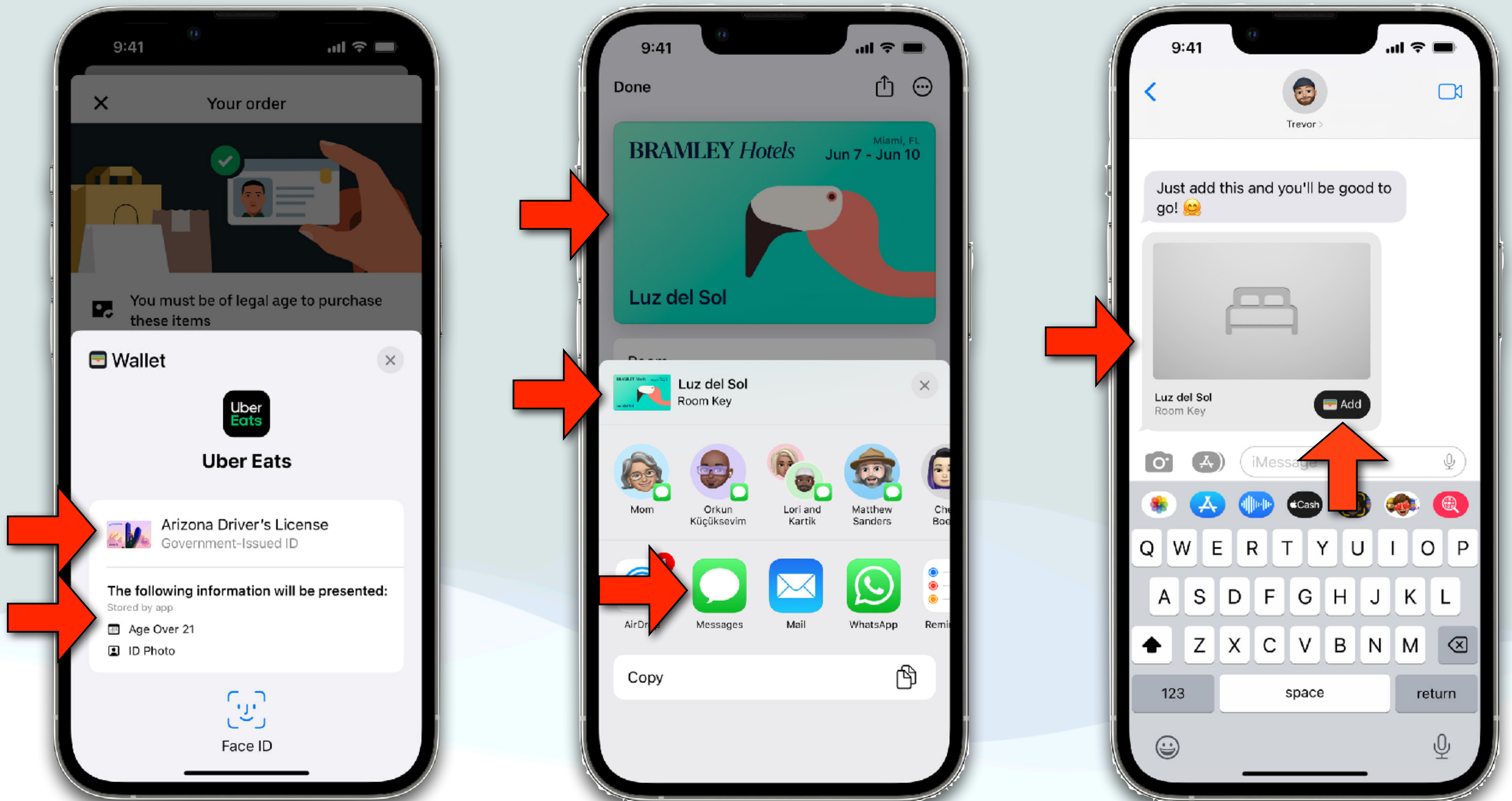
- A new service is available called “ Pay Later”
- This allows you to split the cost of an  Pay purchase into 4 equal payments spread over 6 weeks, with no interest or fees
- Payments are automatically taken from accounts every 2 weeks
- Payments max out at \$1,000 (depending on your credit scores)
- Another new feature is  Pay Order Tracking which provides detailed receipts and order tracking information in the Wallet app for Apple Pay purchases



Wallet App



- In states that allow you to put your license into Wallet (ex. Md, Az), you'll be able to use your ID in the Wallet App for apps requiring identity and age verification
- Only the necessary information required for the transaction will be provided to the app, and the user can review and consent to share it using Face ID or Touch ID
- You can also securely share your home, hotel, office, and car keys in Wallet through Messages, Mail, and more

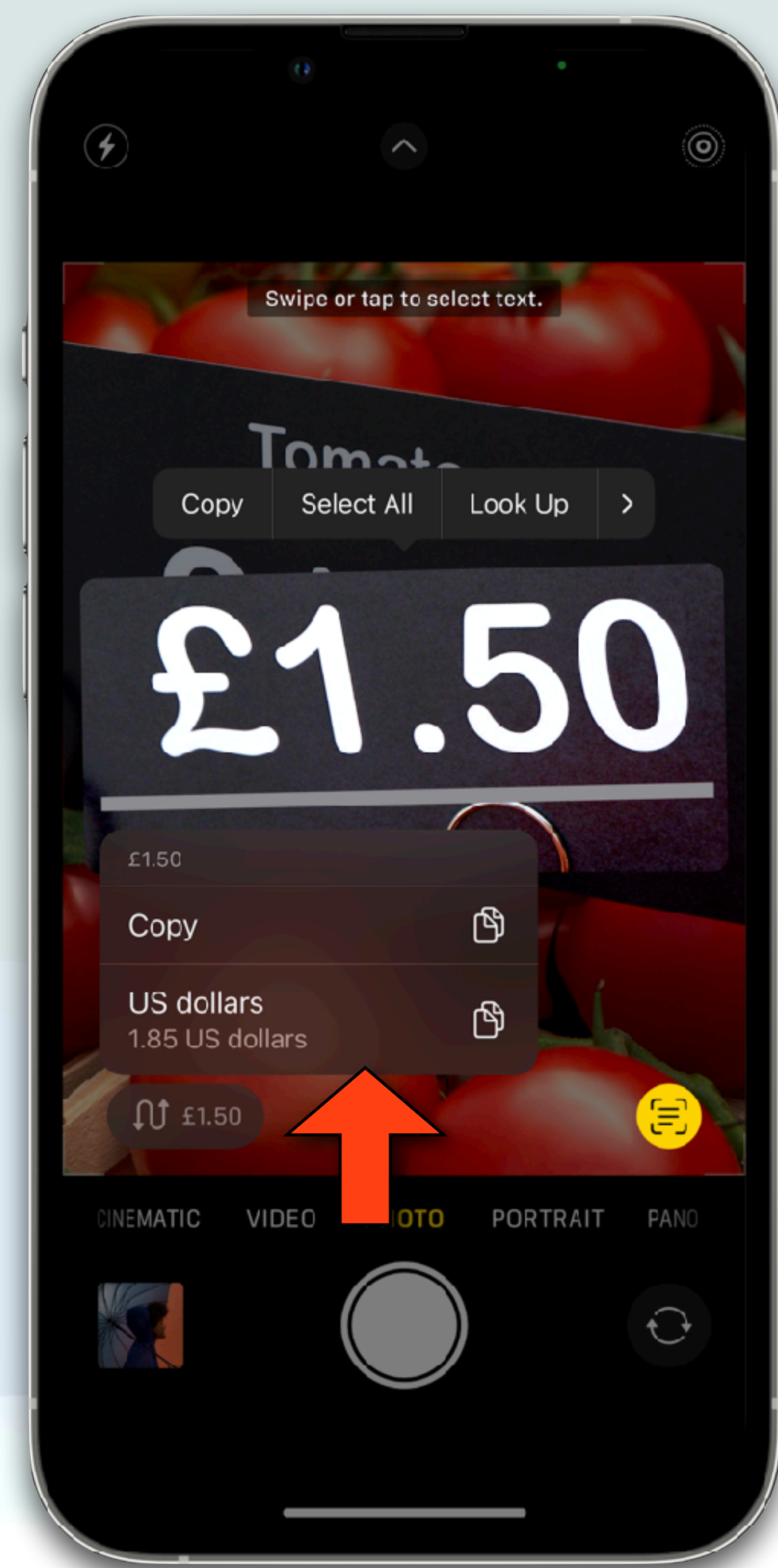


Camera Translate



- The Camera app will be able to translate signs, packaging, and more in real time
- Using the translate feature is as simple as opening up the Camera app and pointing it at the text you want to translate
- Tap on the text selection button in the app to select the detected text, and then choose the translate option
- It can also be used to convert currency, distance, etc.





Dictation



- Dictation will automatically punctuates text with commas, periods, and question marks as you speak
- You can also insert emoji with your voice, by saying: “Happy face emoji”
- You can use Dictation and the keyboard at the same time
 - Move easily between voice and touch to enter text
 - Without stopping Dictation, you can type with the keyboard, tap in a text field, move the cursor, etc...

Misc



- You'll now be able to unlock your phone with FaceID while your phone is in landscape orientation
- You'll be able to view network passwords and copy them to the clipboard
- A new "Automatic Verification" feature which will "bypass CAPTCHAs" using iCloud verification in both apps and websites
- You'll be able to create new smart folders in notes based on dates, who it's shared with, tags, and mentions
- Reminders will allow you to pin lists and create templates
- You can get haptic feedback on your keyboard if you wish

CarPlay



CarPlay



- There are two new categories of apps that developers can add to CarPlay:
 - Fueling apps that may help you find gas stations or lower gas prices
 - Driving apps that help with tasks like providing toll rates/routes, road information, or towing assistance
- Note that developers will have to provide apps before you see anything in these new categories

CarPlay



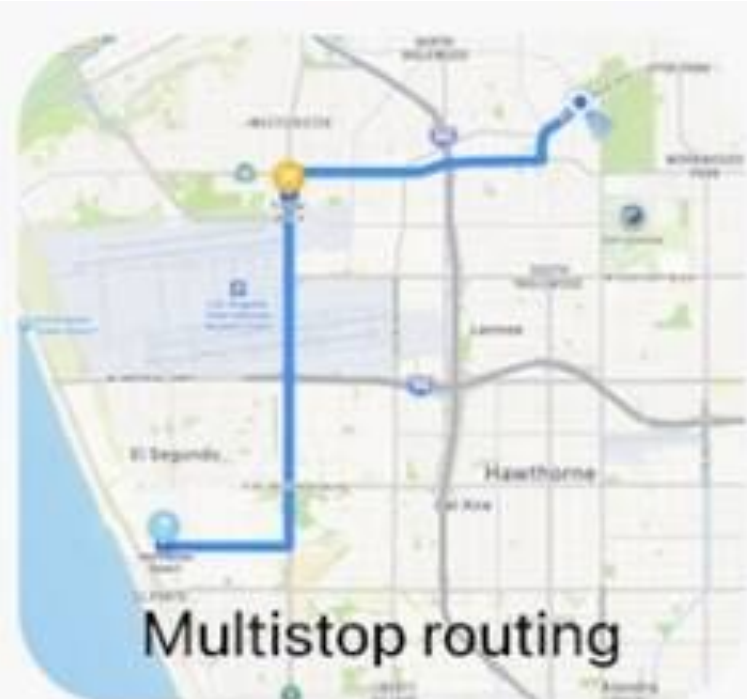
- Apple previewed a new future CarPlay experience they are developing
- The CarPlay of the future will fully take over all the cars displays, including dash displays, instrument cluster displays, and even control of the radio and heating/AC
- This new version of CarPlay would be specific to each vehicle, accommodating unique screen shapes and layouts
- You'll be able to customize your gauge cluster design, including brand-specific options



CarPlay



- This new concept obviously depends on partnerships with car manufactures
- Apple says vehicles will be announced in late 2023, meaning you won't see this at best until 2024
- At WWDC, Apple announced commitments from several major manufacturers to adopt this updated version of CarPlay including:
 - Ford, Acura, Honda, Volvo, Land Rover, Nissan, and others



Multistop routing



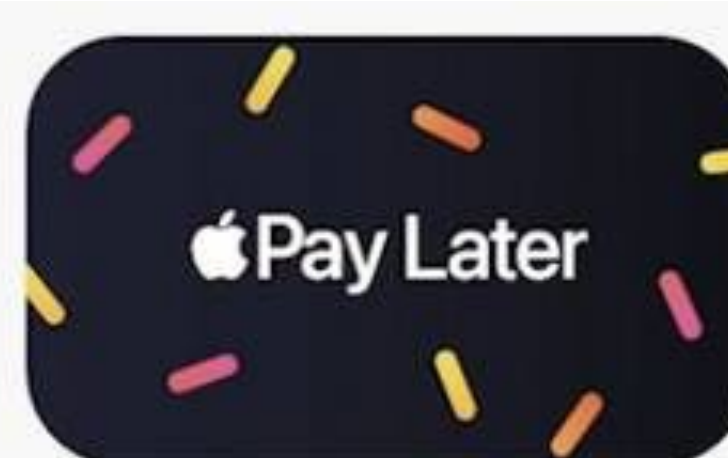
Live Activities



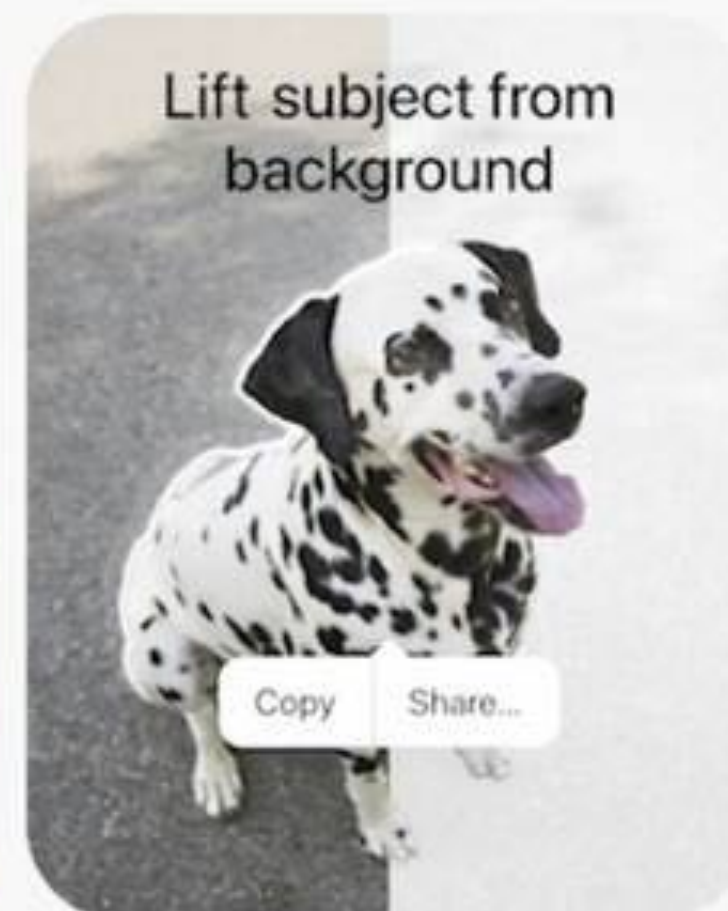
Next generation of CarPlay



New Memoji customizations



Apple Pay Later



Lift subject from background



Notification views



Shared Photo Library



iOS

Widgets on the Lock Screen



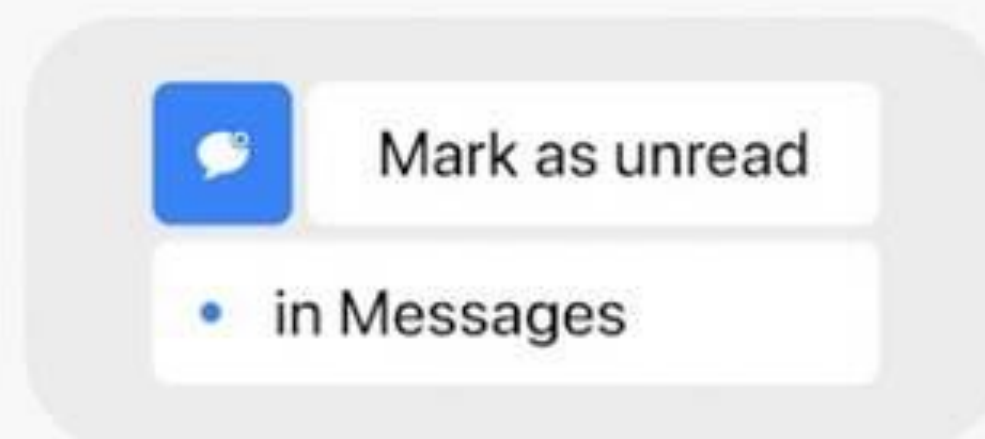
Multilayered photo effect



Personalized Spatial Audio



Rapid Security Response



Mark as unread

in Messages



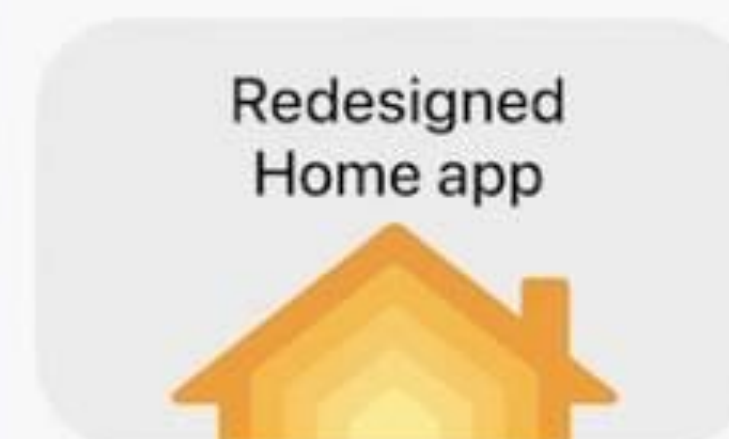
Filter by Focus



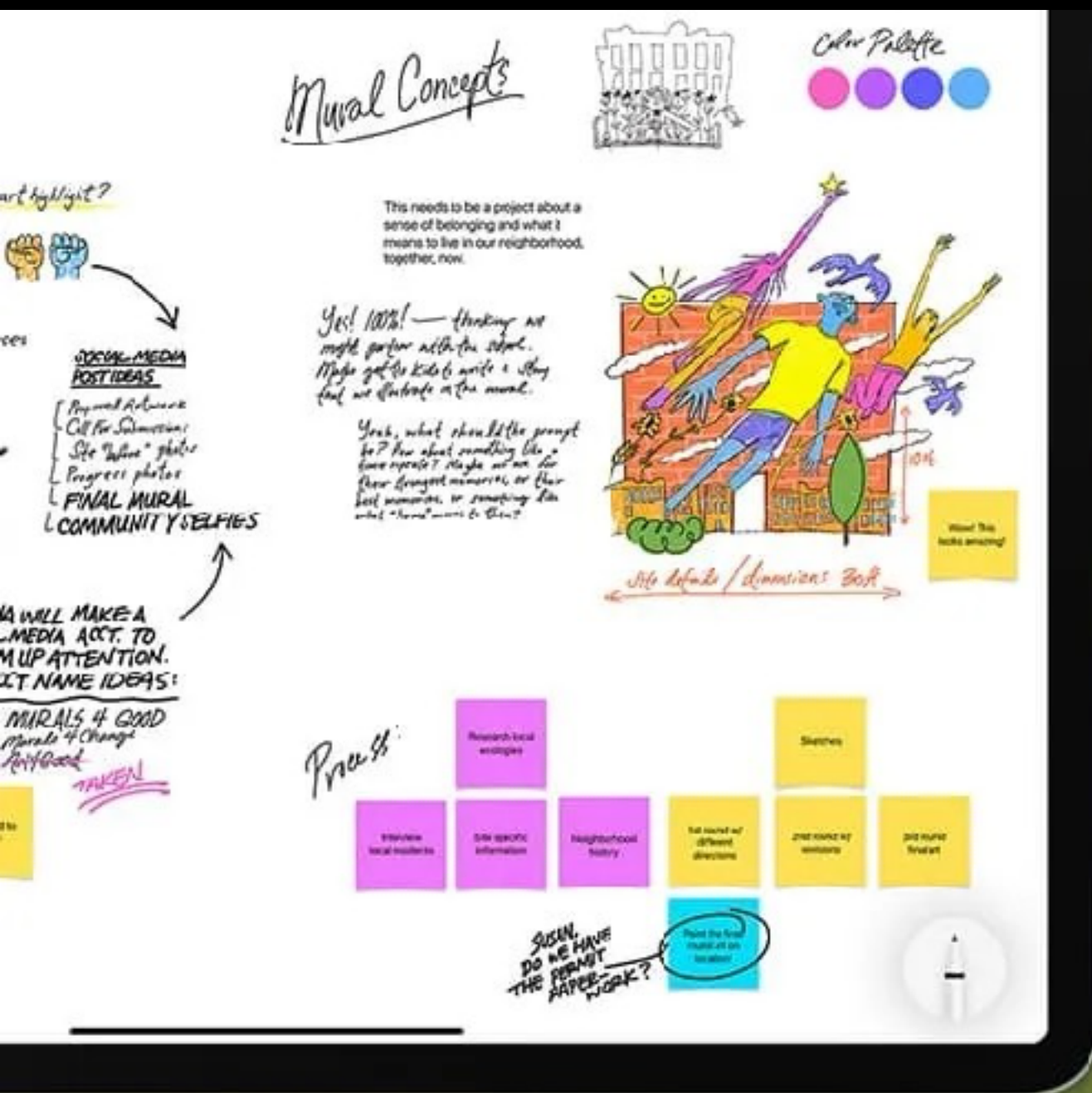
Quick Note



Apple News Sports



Redesigned Home app



iPadOS 16

New iPad Weather App



Weather app



in Mail

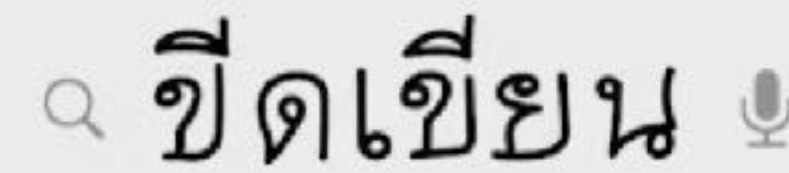


in Messages

Stage Manager



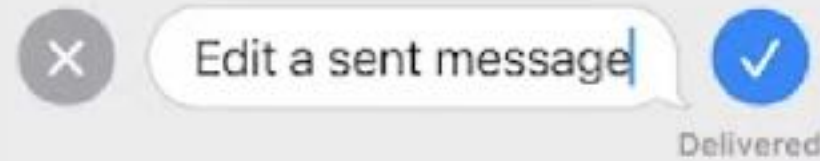
Scribble in Thai



Freeform



Reference mode



Delivered

iPadOS

Lift subject from background



Live Captions in FaceTime



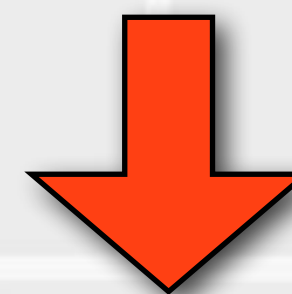
Collaboration in Messages



Passkeys



SharePlay in Messages



Customizable toolbars



Live Text in video



Game Center



Foxhead Warrior
molly_wiebe@icloud.com




WatchOS 9





WatchOS 9

- There are several new watch faces and complications
- There are new customization options (Fonts, Colors, etc...)
- The Portraits face will work with not only people, but also your dog or cat
- You can create new calendar events directly on your  Watch and better navigate to specific days or weeks
- Sleep tracking has been improved

AFib



- AFib detection will be more robust with a new AFib history feature that will give estimates as to how long the user spends in AFib
- AFib Data will have historical tracking and enable users to manage lifestyle factors that may affect the amount of time they spend in AFib
- Weekly notifications will lend insight as to the length of time in AFib and factors
- You'll be able to share this FDA-cleared data with your doctor

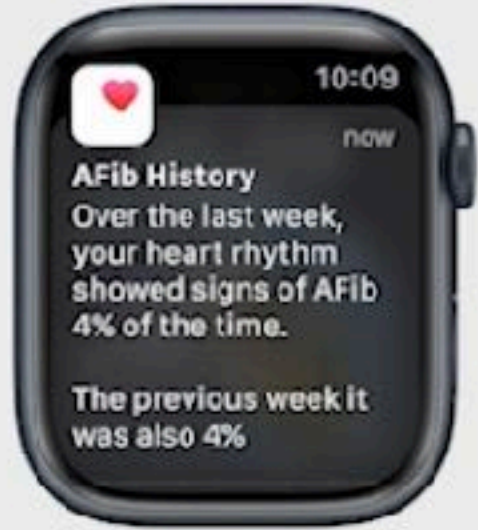
Workouts



- The display now lets you see more metrics like Activity rings, Heart Rate Zones, Power, and Elevation
- Training zones are automatically calculated and personalized using your health data (or you can create them manually)
- You can tailor work and recovery intervals, and receive alerts for pace, heart rate, cadence, and power
- You can automatically transition between swim, bike, and run (Triathlon)



New Watch Faces



AFib History



Dogs and cats
in Portraits face



New watch faces



Heart Rate Zones



Multisport workout



Home keys for kids
with Family Setup



Expanded keyboard
languages



Medications app



Kickboard
detection

Running
Form
Metrics



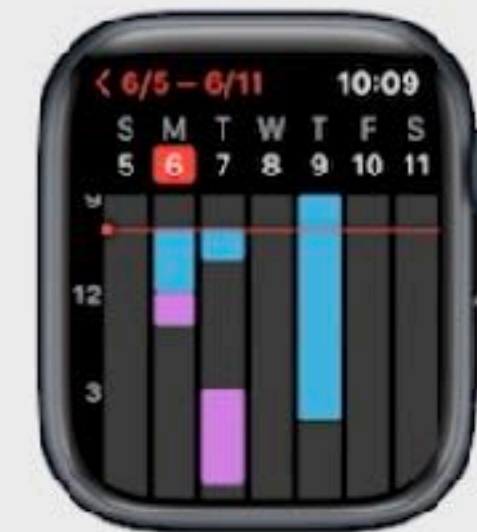
Sleep Stages



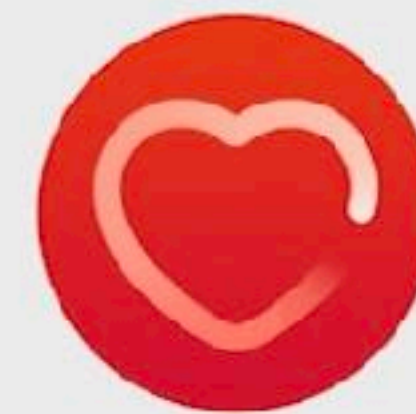
Background color editor
for watch faces



Cross-device connectivity



Redesigned
Calendar app



Cardio recovery



Custom workouts

MacOS Ventura



Stage Manager



- Stage Manager is a new way to organize open apps and windows to allow you to focus on your immediate task but still see everything in a single glance
- The current window is displayed prominently in the center, and other open windows appear on the left-hand side so you can quickly and easily switch between tasks
- Users can also group windows together when working on specific tasks or projects that require different apps
- Stage Manager works with other macOS windowing tools including Mission Control and Spaces



VILLACORTA MAGAZINE

ISSUE 13 — SUMMER 2022

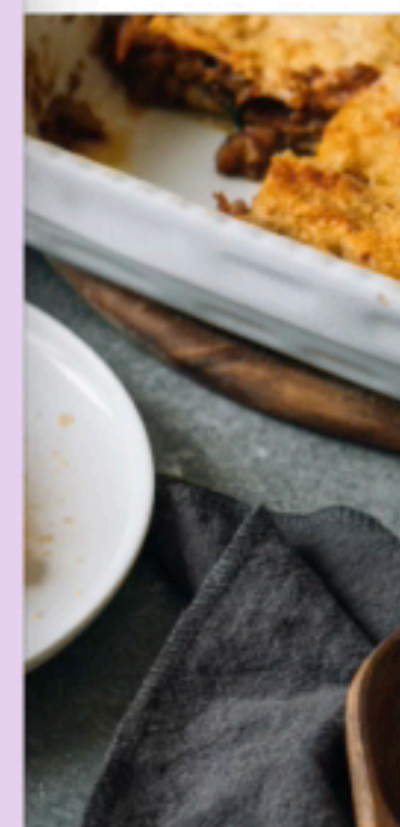


CLOSER TO ME

A child's journey to self-discovery is always a winding road.

There are moments where everything seems to change in an instant. A great reorientation—a disorientation. Later, upon reflection, we recognize these instances as the cresting of long-building waves. We wonder why we were surprised at all, how we could have been caught off-guard, but, of course, that's not the way life works. Our children provide us with plenty of these moments. We get caught up in the endless procession of days, a string of quarterly reviews, rushed Wednesday dinners, early-morning practices, and are only every so often snapped out of the flow. The last time it happened to me, I was waiting to

Walnuts



When not eating meat was a lot of recipes that were,

ABOUT

On My Mac

iCloud

Calen

Work

Home

Kids

Other

Birthe

US H

Siri S

June 2022						
M	T	W	T	F	S	S
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10

Parent-Teacher co...

Montgomery moms hangout


7 PM
Dinner and movies

7 PM
Weekly goal setting



VILLACORTA MAGAZINE

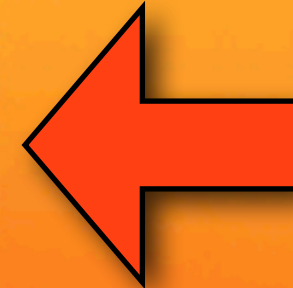
ISSUE 13 — SUMMER 2022



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Stage Manager Demo



apple.com

United Kingdom

0

Search

Apple News

Today

News+

Shared with You

Saved Stories

History

Special Coverage

COVID-19

War in Ukraine

Favourites

Apple News Sp...

Following

Apple News Sp...

Suggested by Siri

B Business

E Entertainment

F Fashion

F Food

H Health

P Politics

S Science

T Technology

T Travel

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Ukraine's position has "worsened" in fight for Severodonetsk


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POLITICO


DOJ charges Proud Boys leaders with seditious conspiracy over Jan. 6 attack

3h ago · Kyle Cheney, Josh Gerstein, and Nich...



USA TODAY

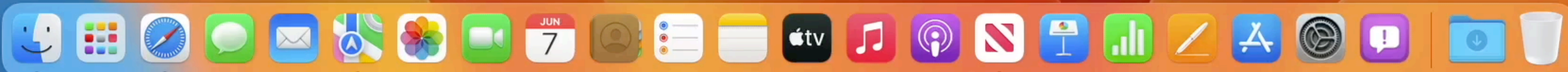
Midterm primaries to watch on Tuesday that will reshape next Congress



AFP

Hong Kong pro-democracy figures set for largest national security trial

Introducing the all-new MacBook Air and 15-inch MacBook Pro, now supercharged with the Apple M2 chip.



Stage Manager



- This feature is especially useful for people who do not care for apps in full screen mode (My preferred mode)
- It allows you to easily move between windows or groups of windows without using full screen mode
- Stage Manager also works on iPads, but at this moment it requires an iPad with an M1 chip
- There are rumors this might include other models when it's finally released



FaceTime Handoff



- You can now start a FaceTime call on one Apple device and easily transfer it to another nearby Apple device
- For example:
 - You can be on a FaceTime call on iPhone or iPad, then move the call to your Mac with just a click
 - Or start a call on your Mac and shift to your iPhone or iPad when you need to continue on the go



Continuity Camera



- Continuity Camera now gives Mac users the ability to use their iPhone as a webcam
- Mac can automatically recognize and use the camera on iPhone when it is nearby without the need to wake or even select it
- Continuity Camera delivers iPhone features to the Mac including Center Stage, Portrait mode, and the new Studio Light — an effect that illuminates a user's face while dimming the background

Belkin will be releasing a
MagSafe mounting bracket

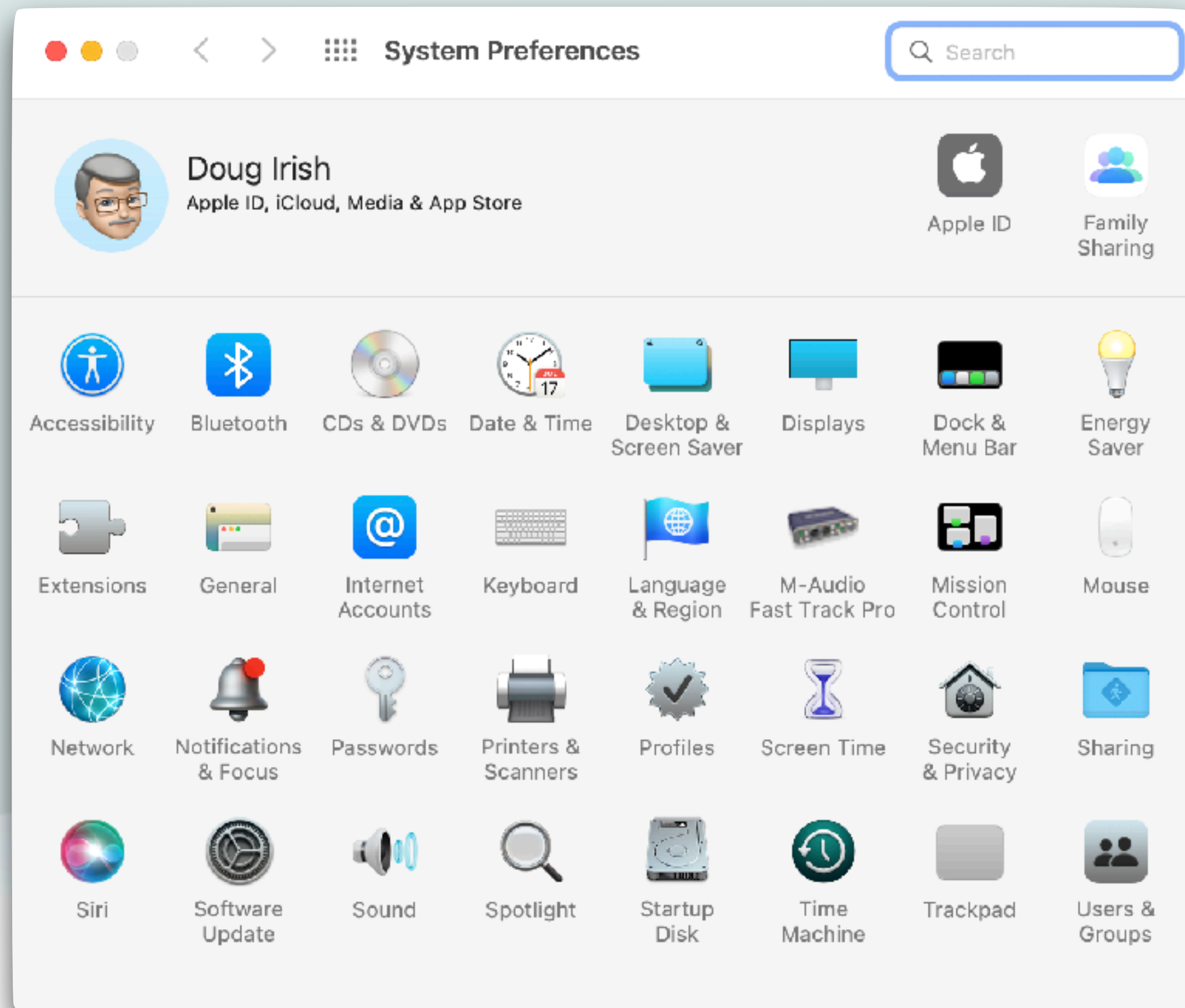


System Settings

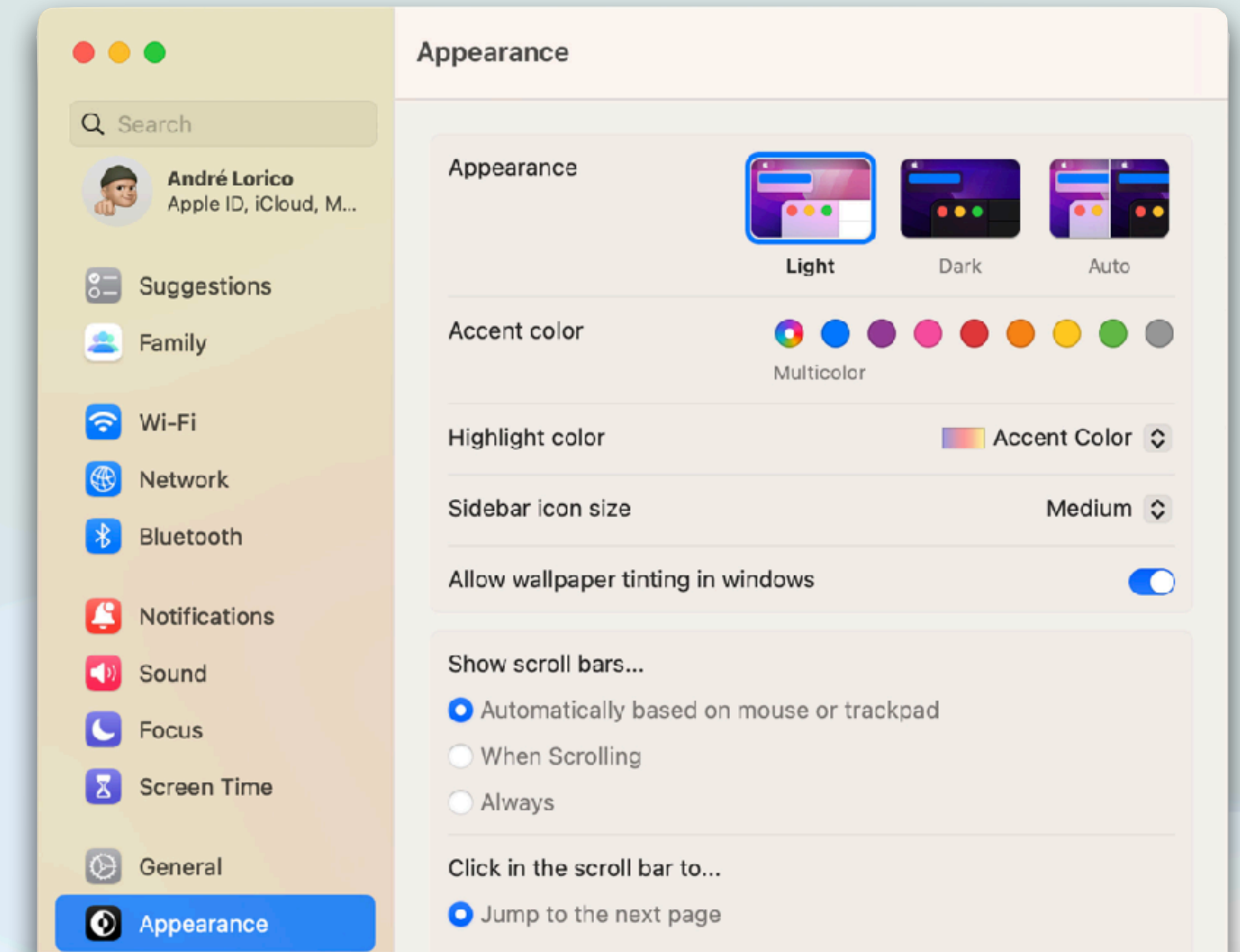


- System Preferences has been redesigned and renamed “System Settings”
- And the new System Settings app looks more similar to the Settings app on the iPhone and iPad, with settings placed in a sidebar for easy access
- This continues the trend of bringing consistency between the different platforms (iOS, macOS, iPadOS)

System Preferences



Monterey



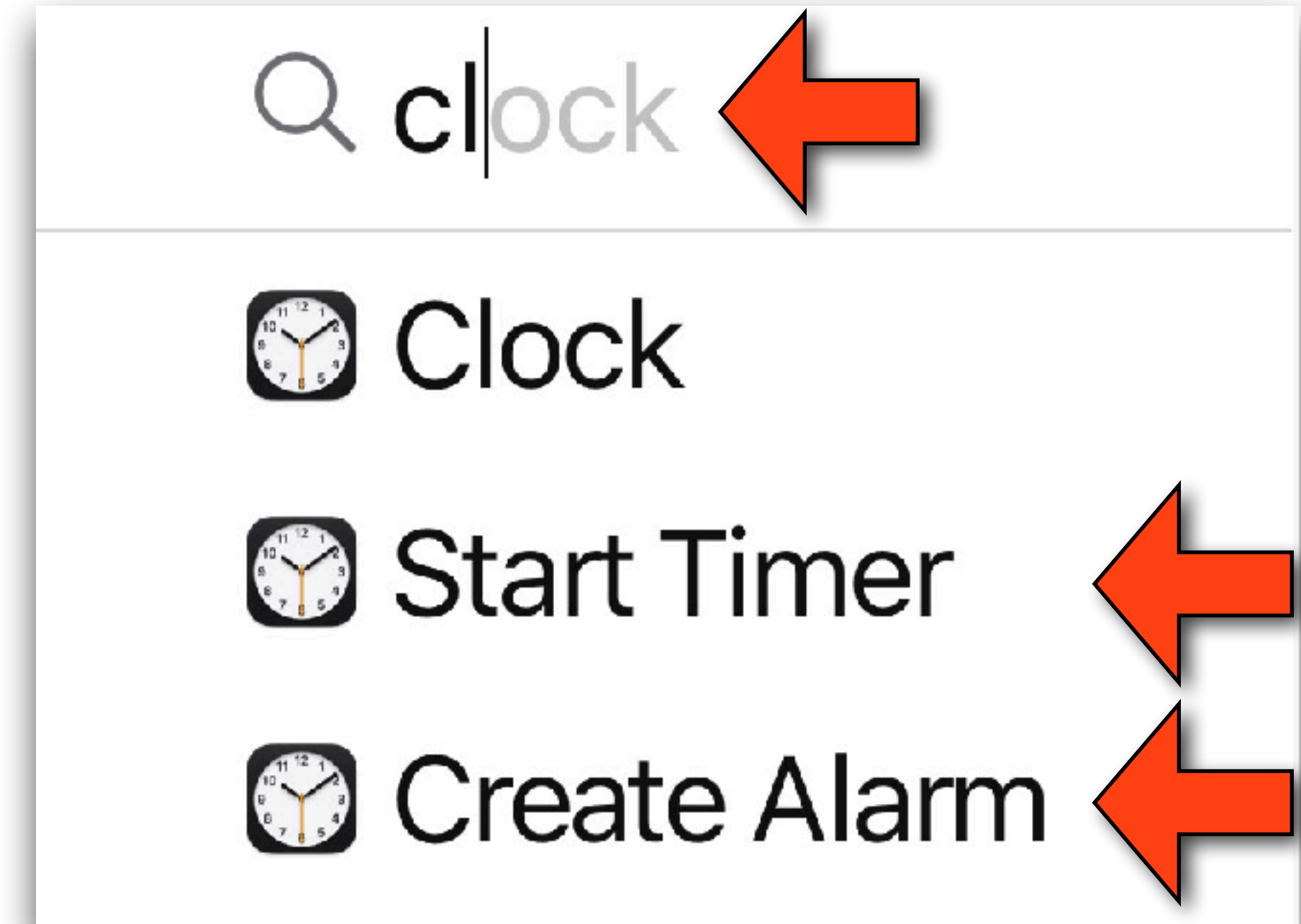
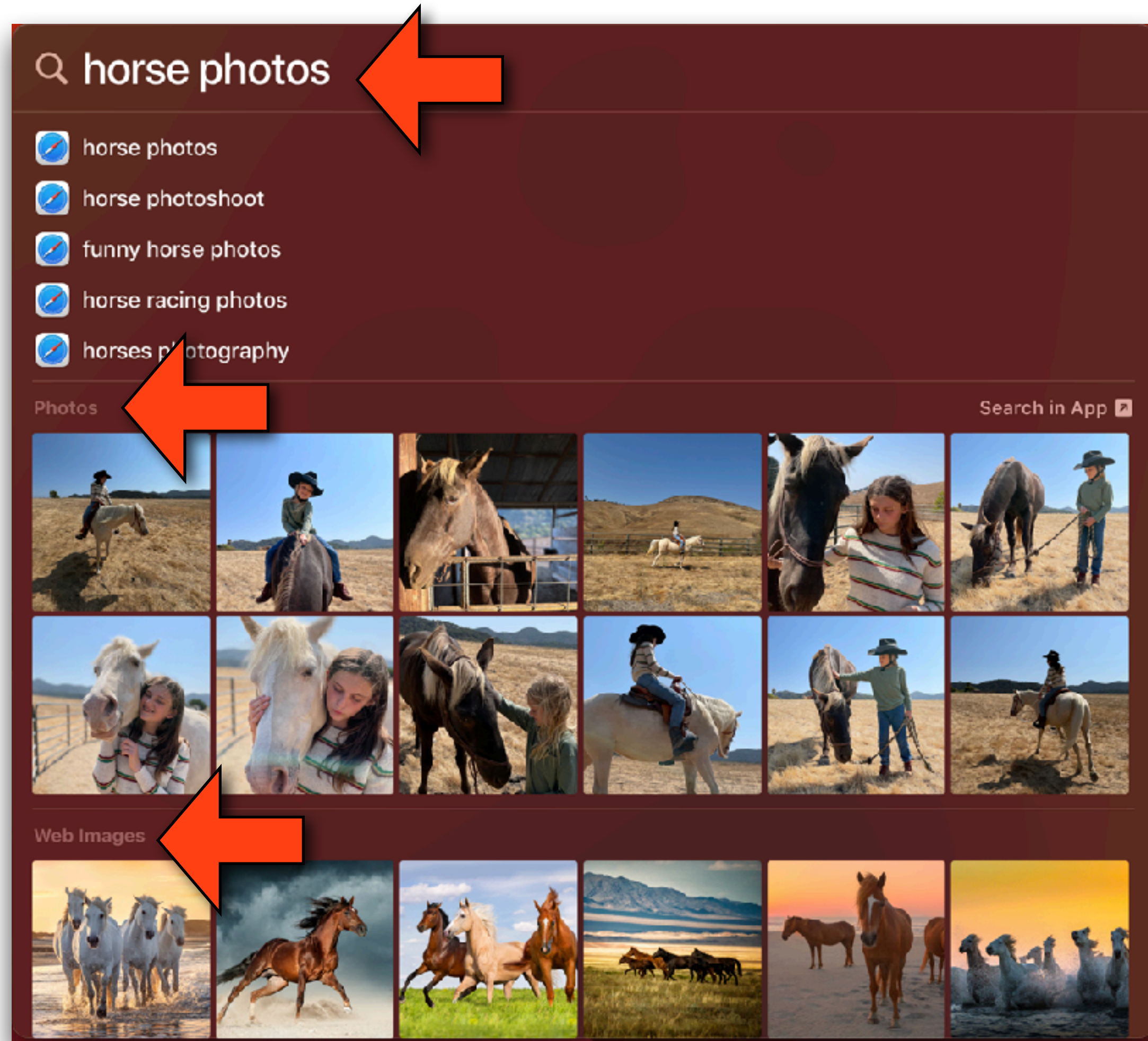
Ventura



Spotlight

- There is a new enhanced image search
- You can find images in Photos, Messages, Notes, the Finder, and the web right from Spotlight
- You can even search for an image based on the text inside it
- You can now use Spotlight to quickly set an alarm, start a Focus, find the name of a song with Shazam, run a shortcut, etc.
- In Spotlight, you can view large, scrollable previews of your files in Quick Look by pressing the Space bar

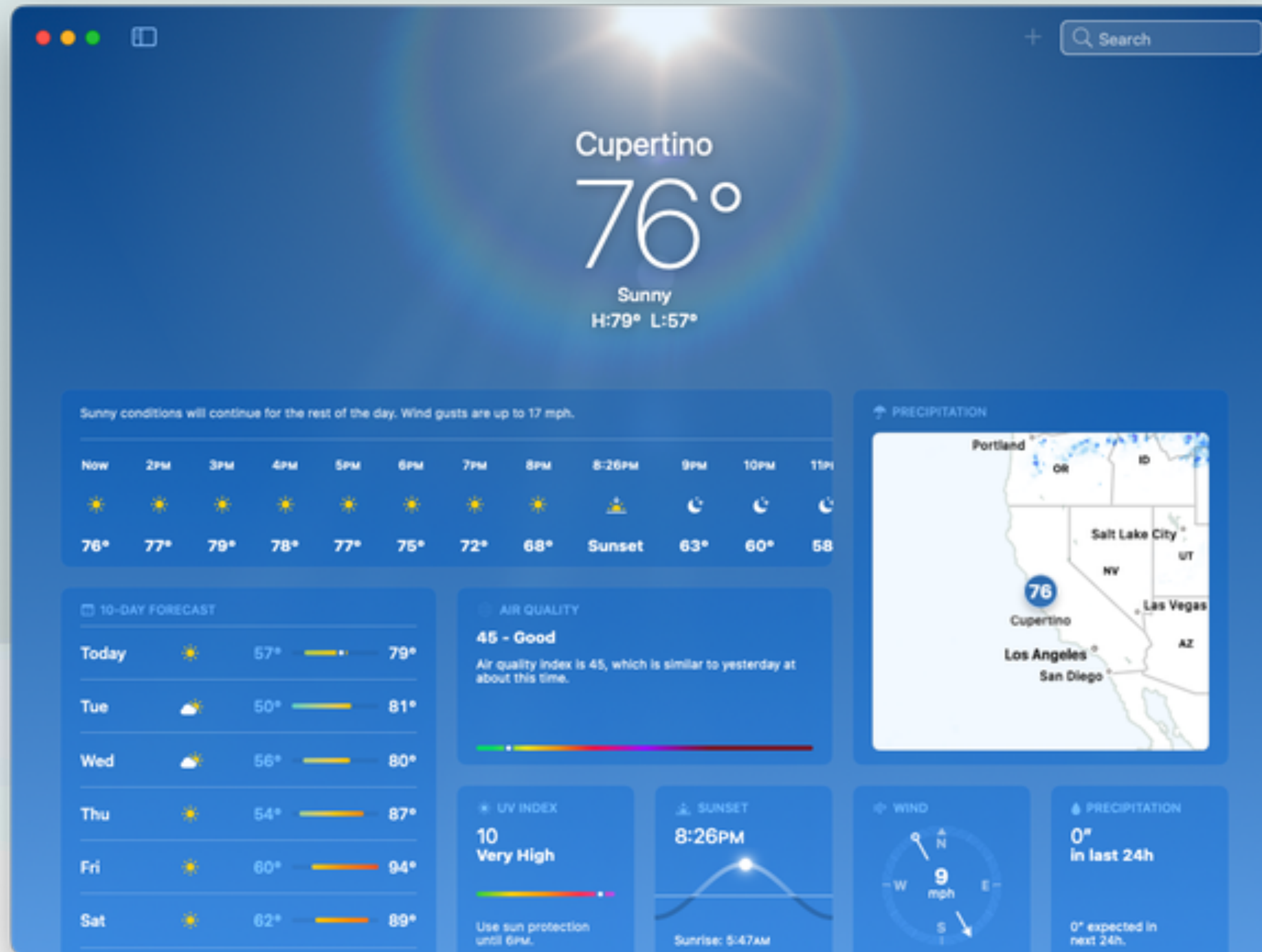
Spotlight



New macOS Clock App



New macOS Weather App



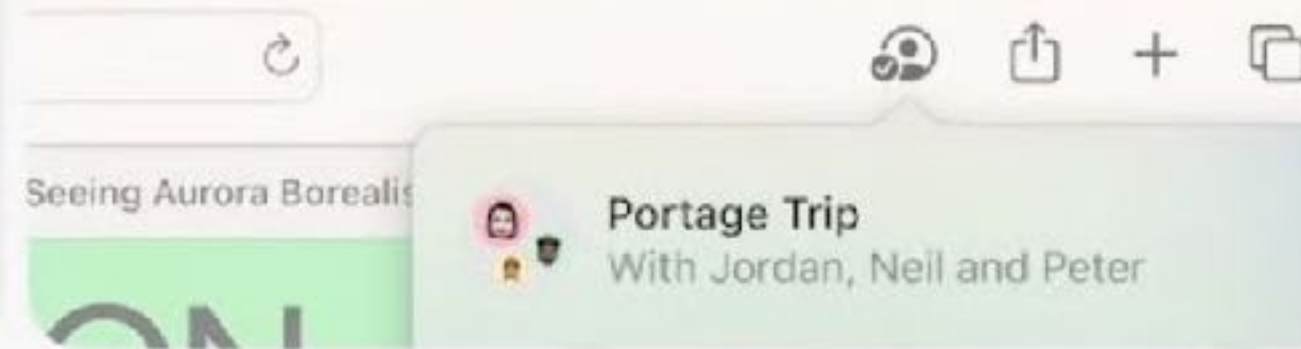
Continuity Camera



Shared Photo Library

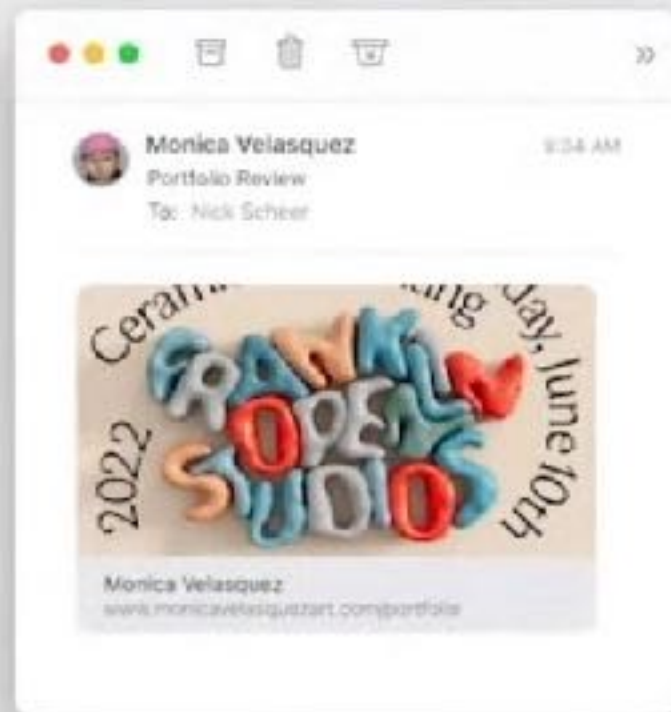


Shared Tab Groups



Stage Manager

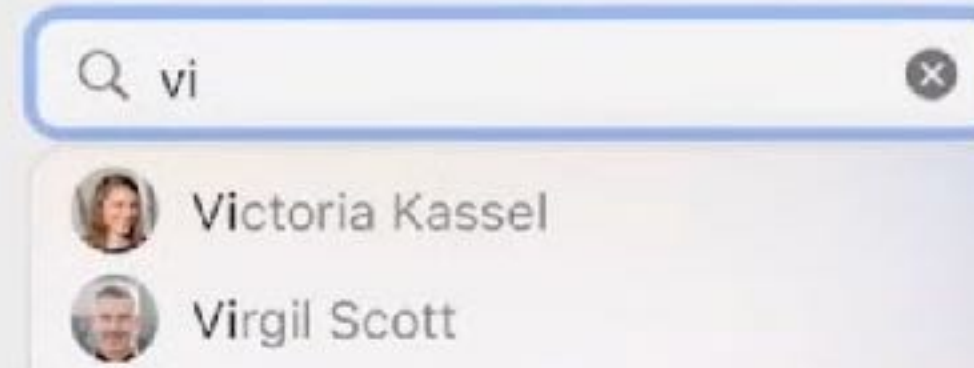
Rich links in Mail



Desk View



Improved Mail search



New Memoji customizations



Rapid Security Response



Passkeys



In Mail

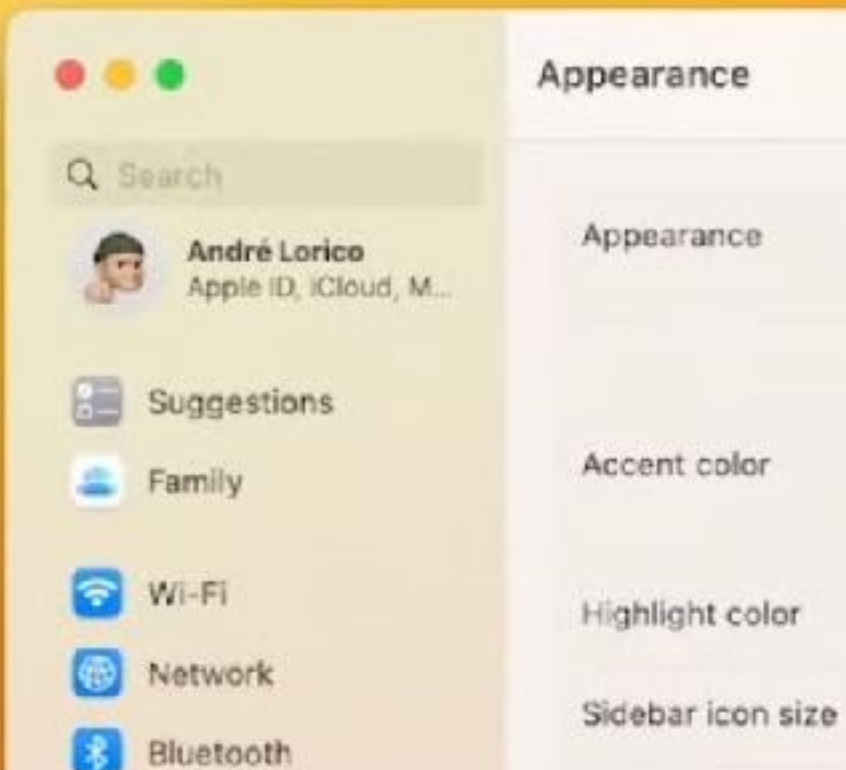
macOS

Rich Spotlight results



Live Captions in FaceTime

System Settings



Start page

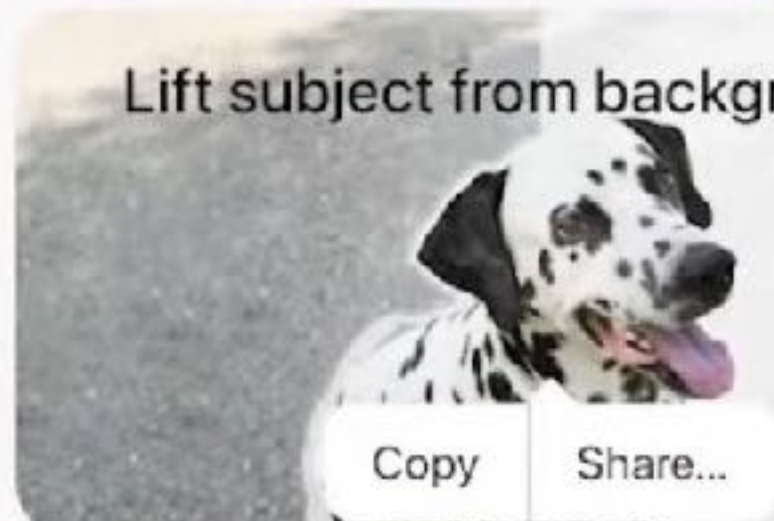


Buddy Controller



Clock app

Lift subject from background



Edit a sent message



Delivered



Nikki Nelson
FaceTime Video - iPhone >

Switch

FaceTime Handoff

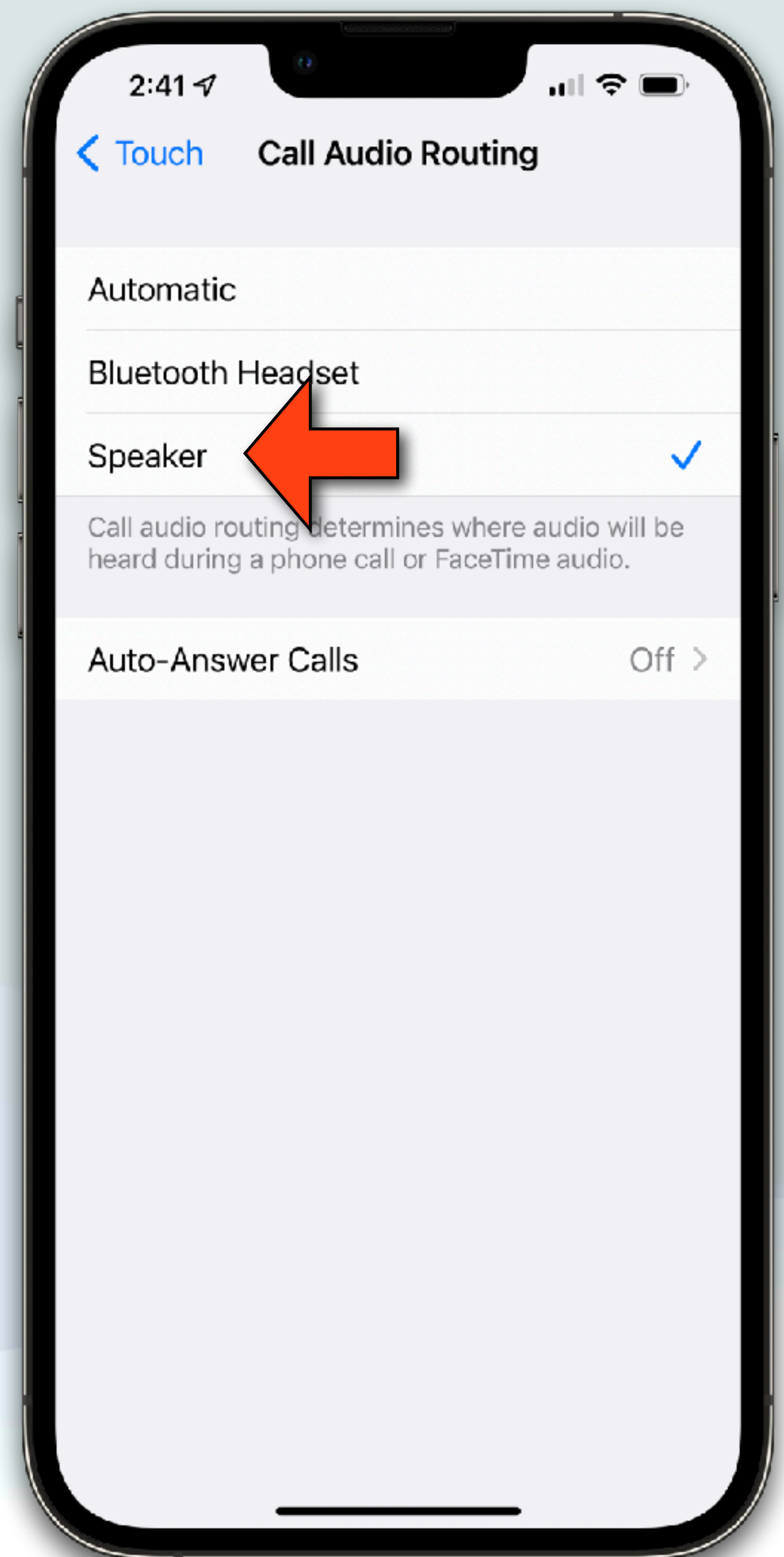
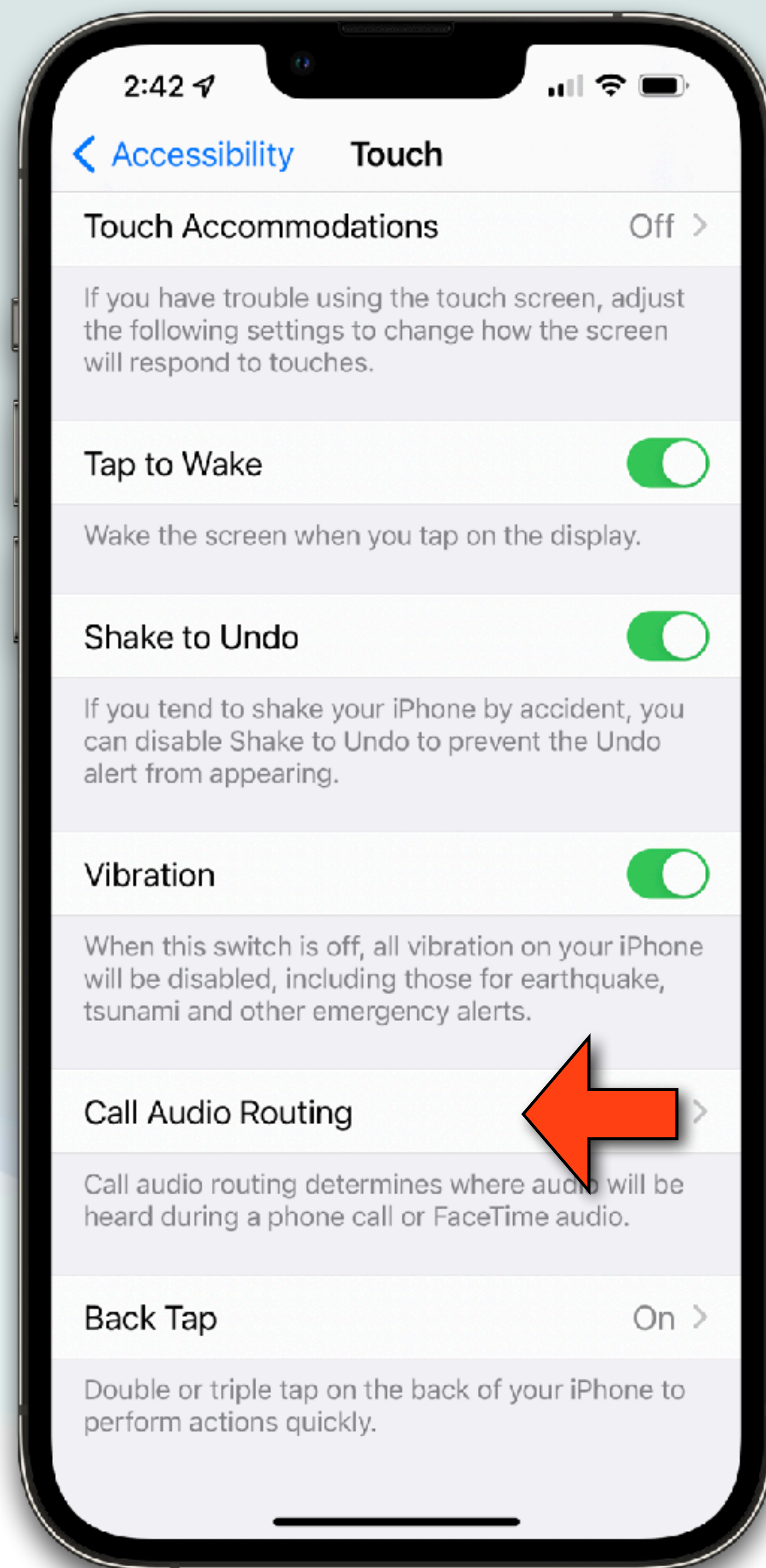
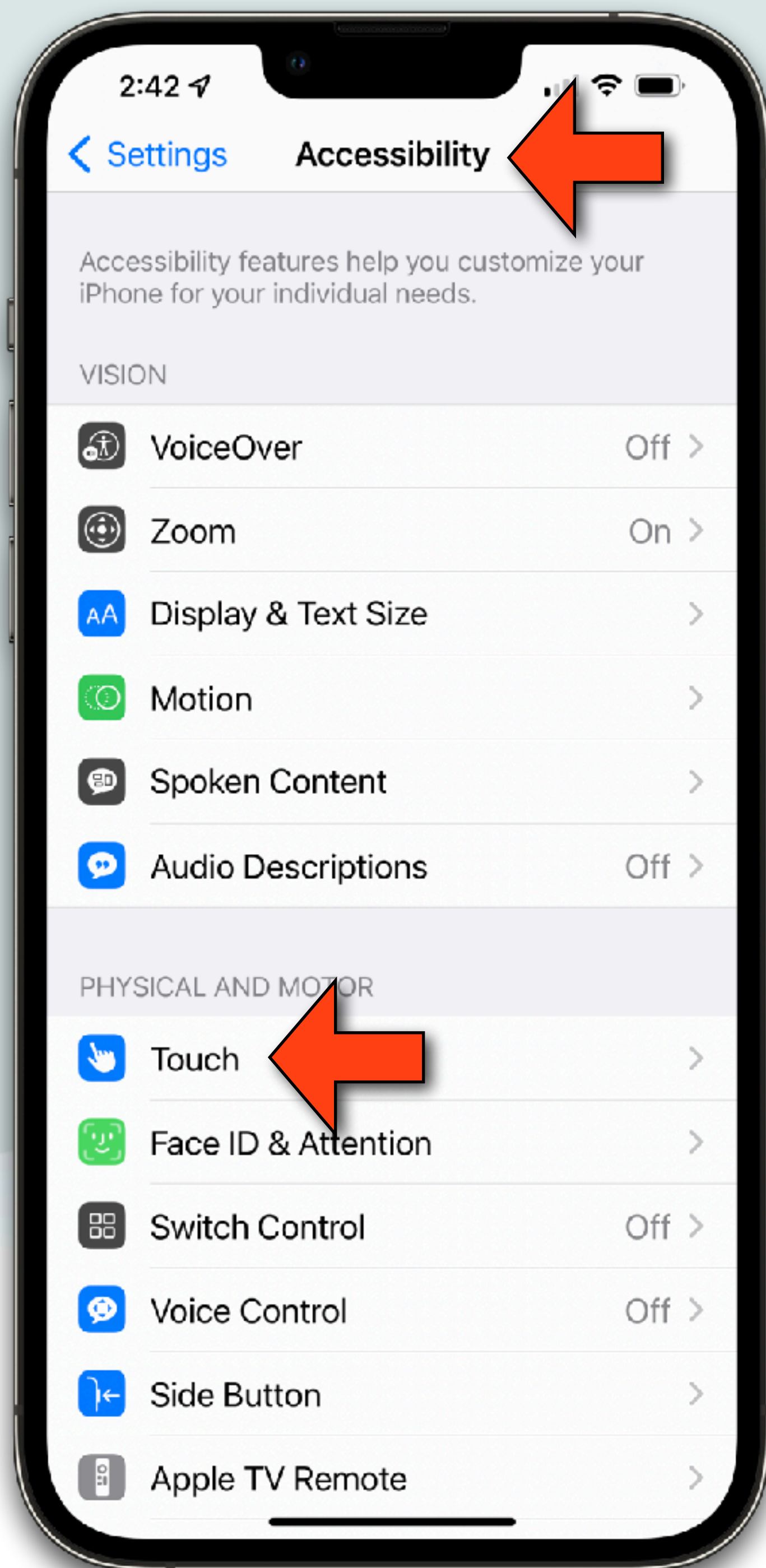
Quick Tips



Quick Tip



- I almost always use my iPhone speaker on both outgoing and incoming calls
- So every time I use my iPhone, I have to fumble around and set it to Speaker
- You don't have to do this!
- You can set your phone to use the speaker by default
- Just go to Settings, Accessibility, Touch, "Call Audio Routing" and change the method from Automatic to Speaker





Questions?

Thank You!

