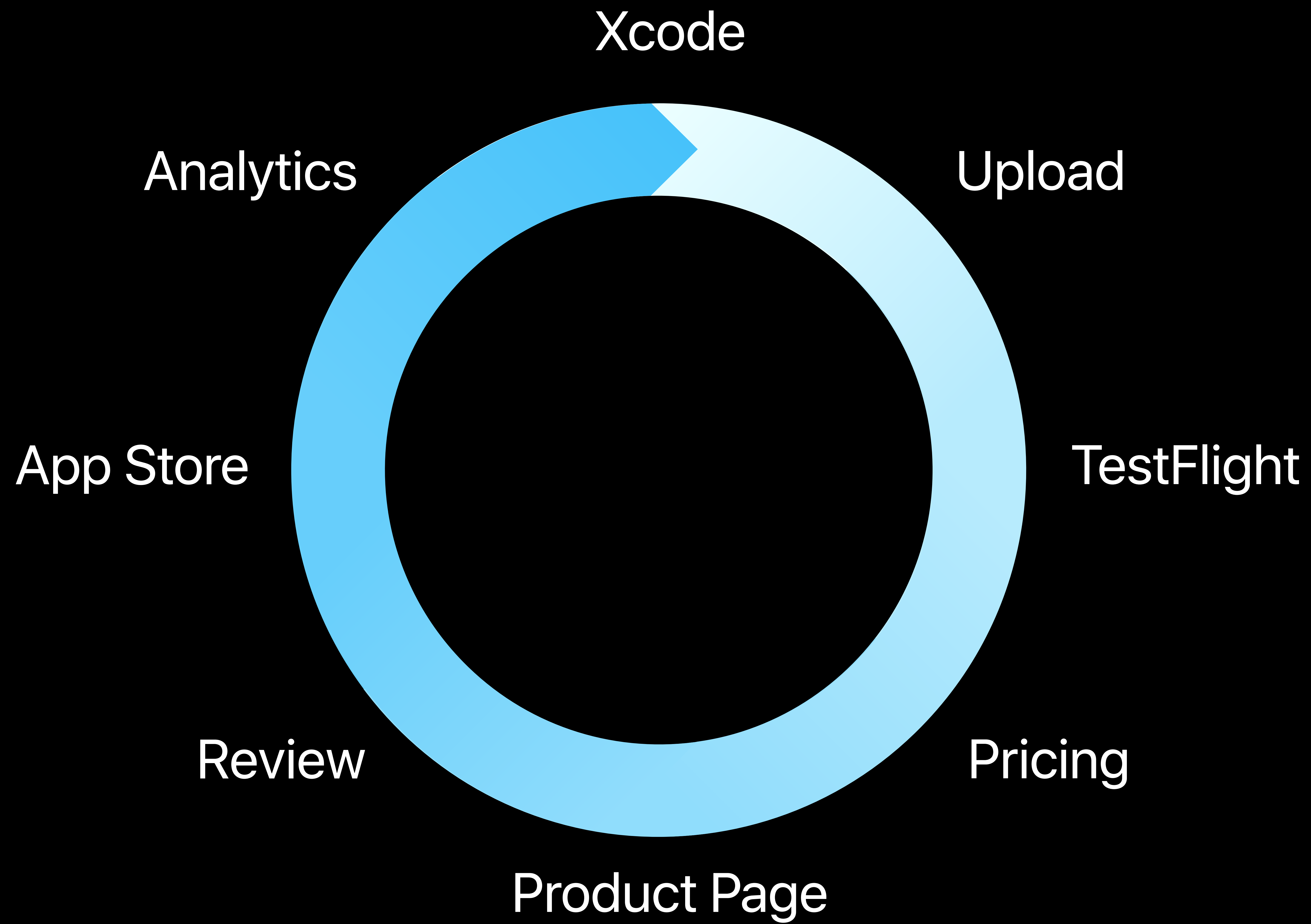


#WWDC19

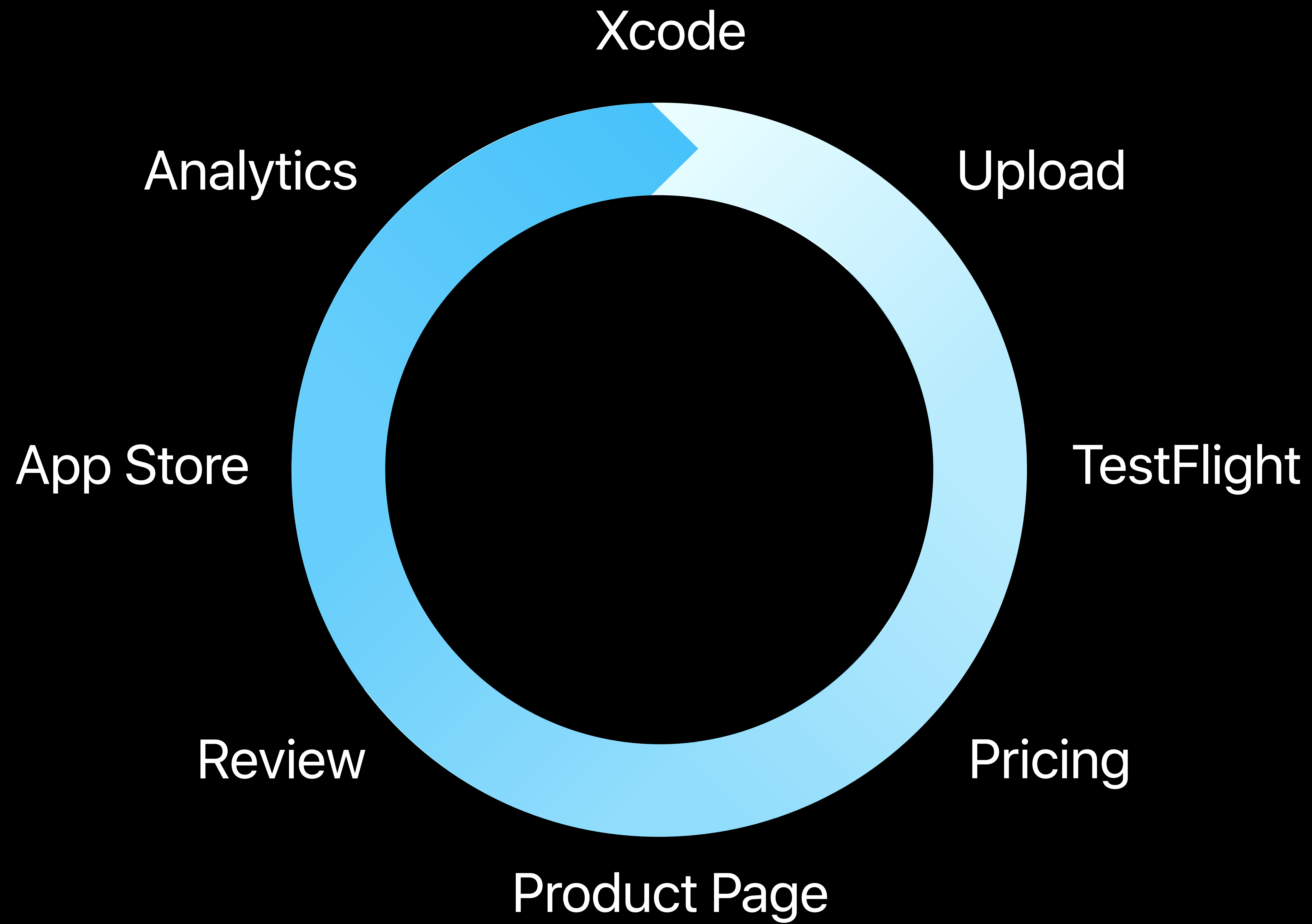
What's New in App Store Connect

Tommy McGlynn, Software Engineer

App Lifecycle

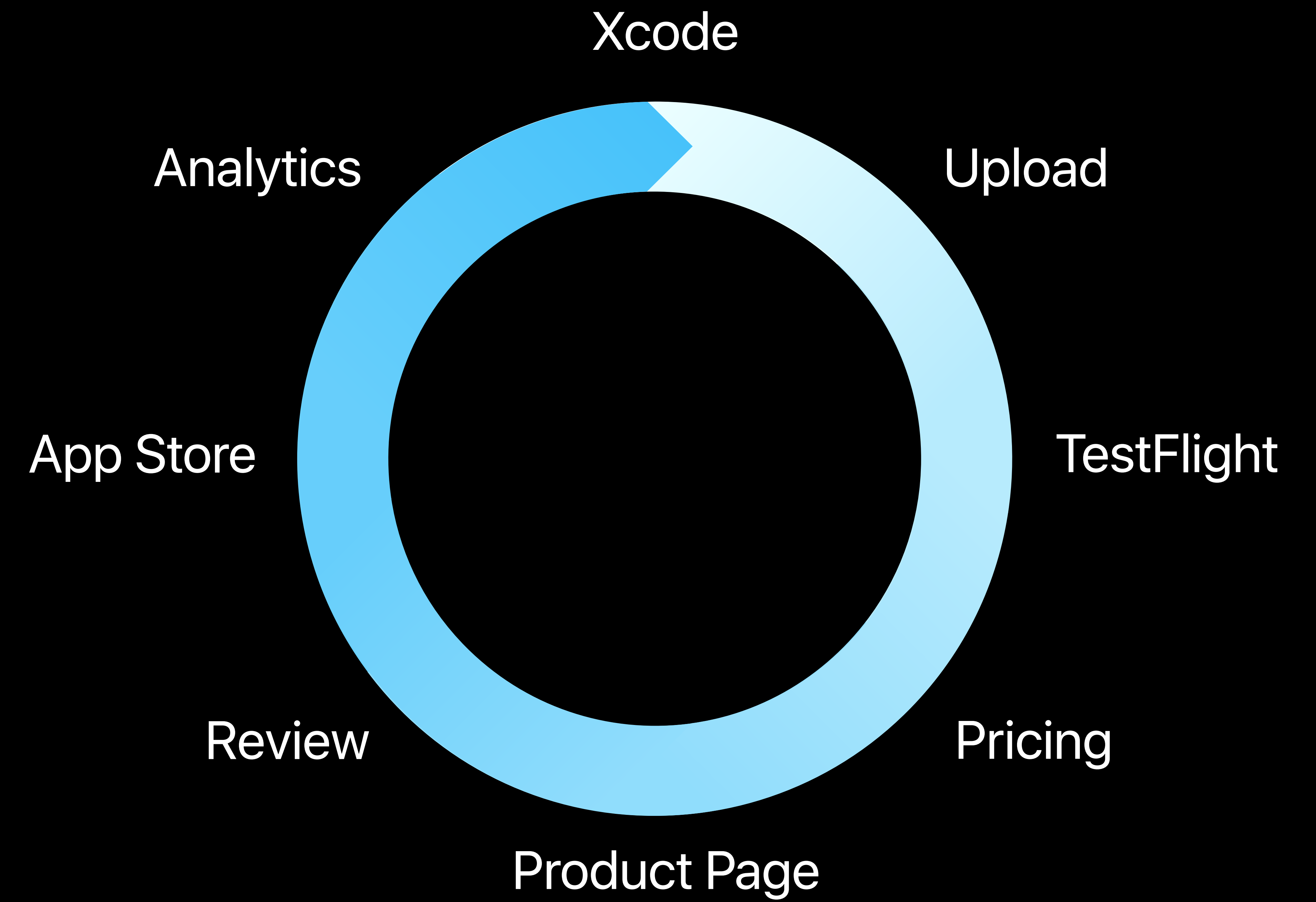


App Lifecycle



App Lifecycle

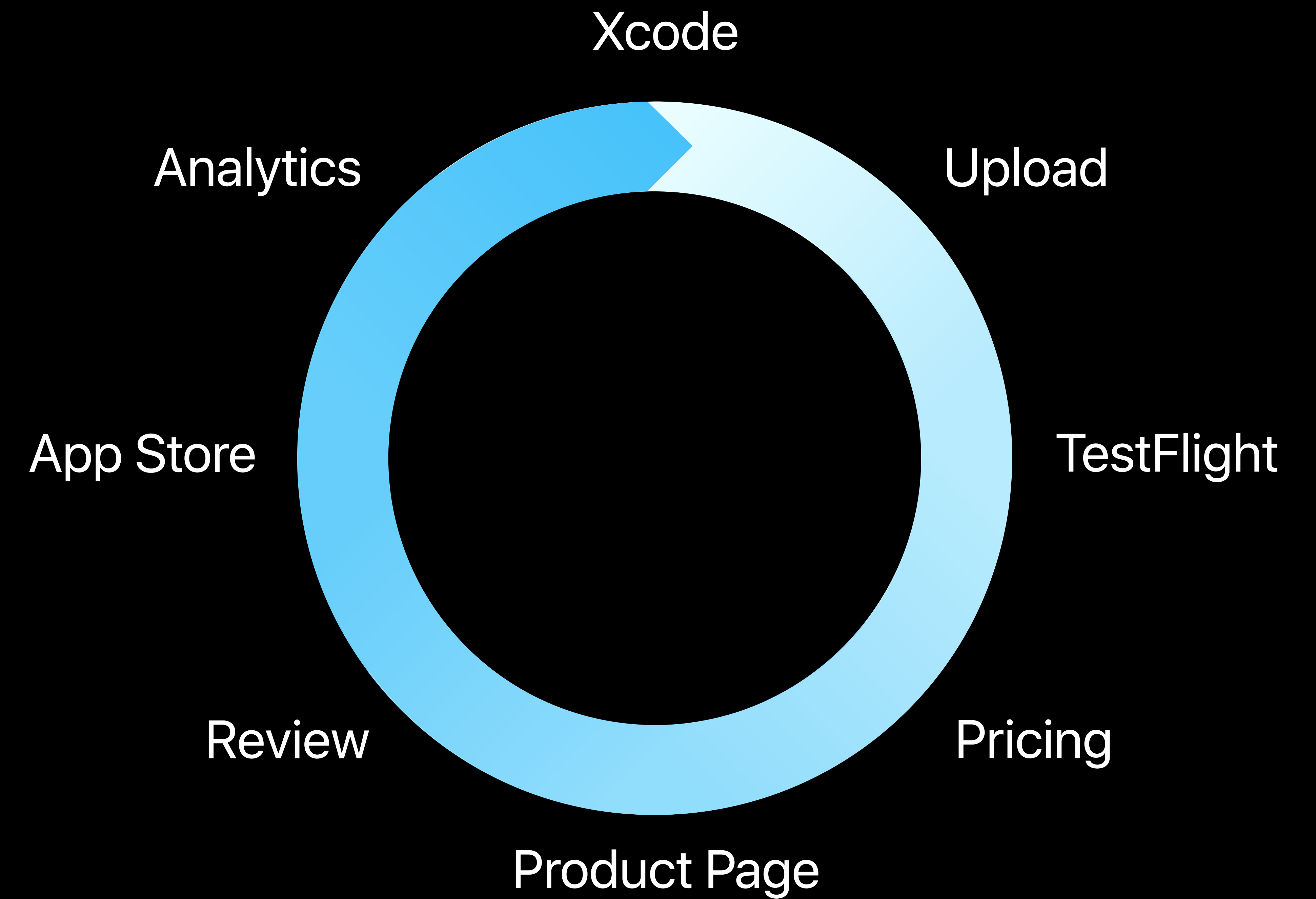
Important things to know



App Lifecycle

Important things to know

Recent improvements

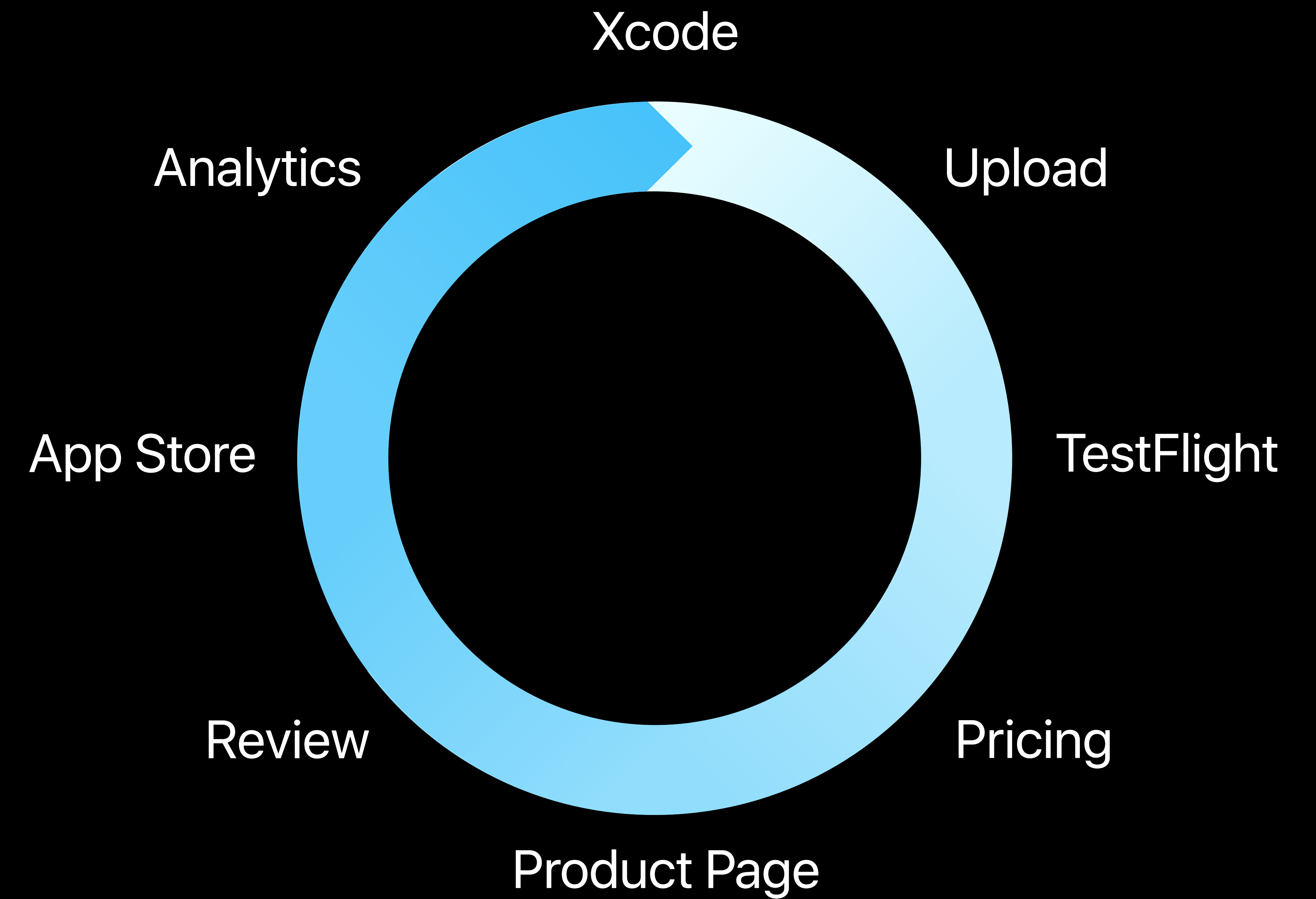


App Lifecycle

Important things to know

Recent improvements

Exciting new features



App Lifecycle











← Back

10:09



GET

In-App Purchases

Forest Explorer

Go Wild and Discover
New Trails and Parks

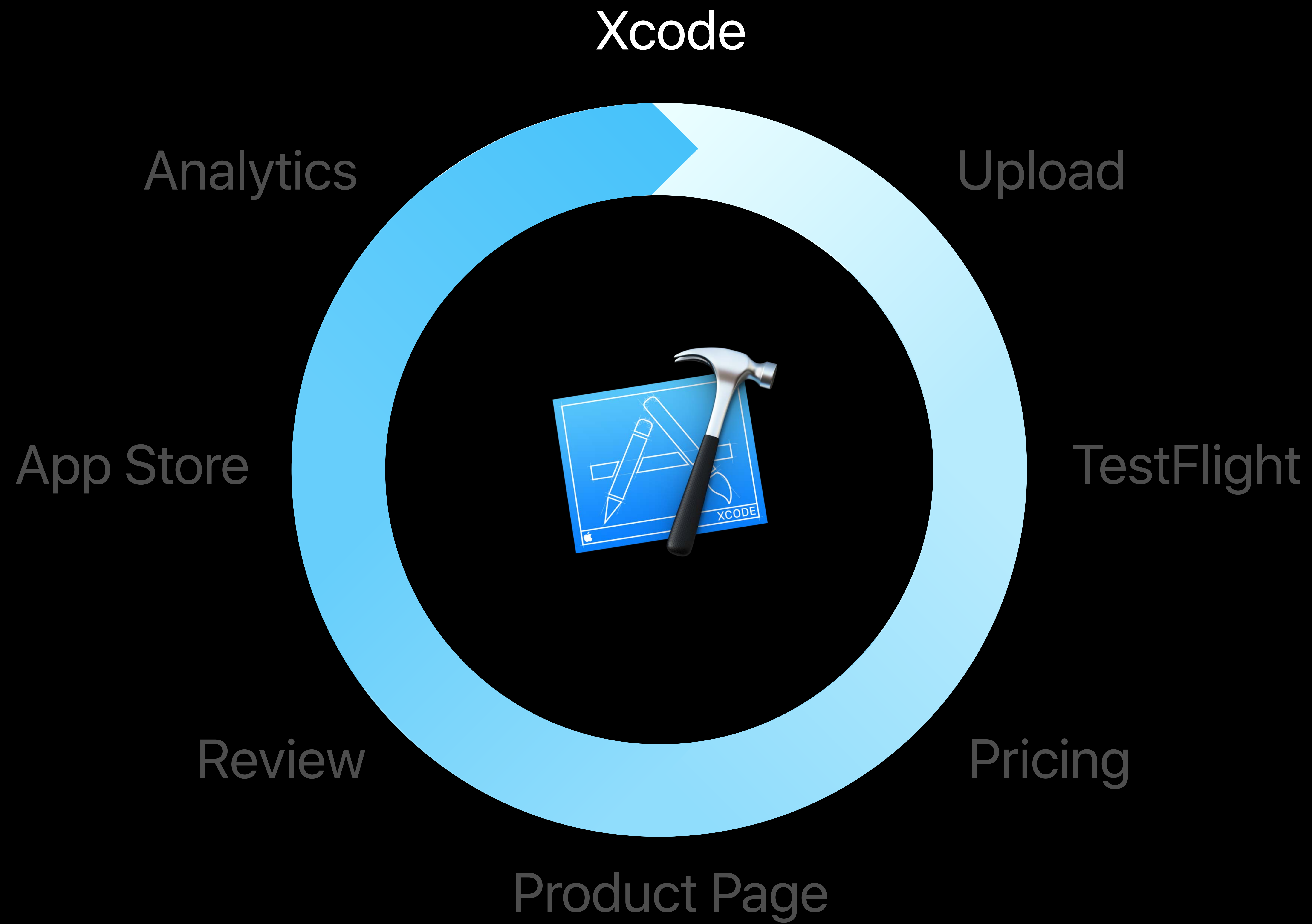


4.6, 36.2K Ratings

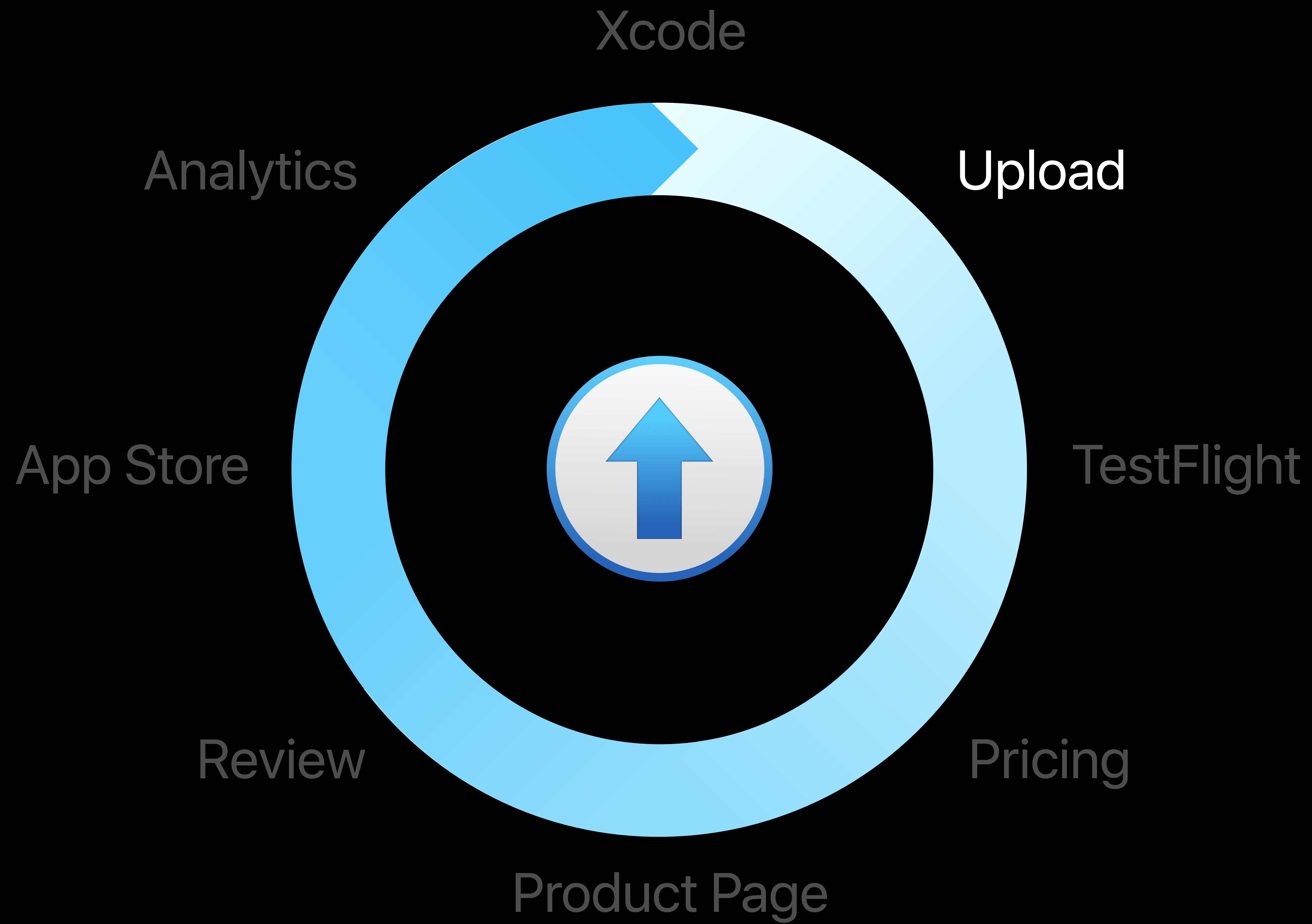
4+

Age

App Lifecycle



App Lifecycle

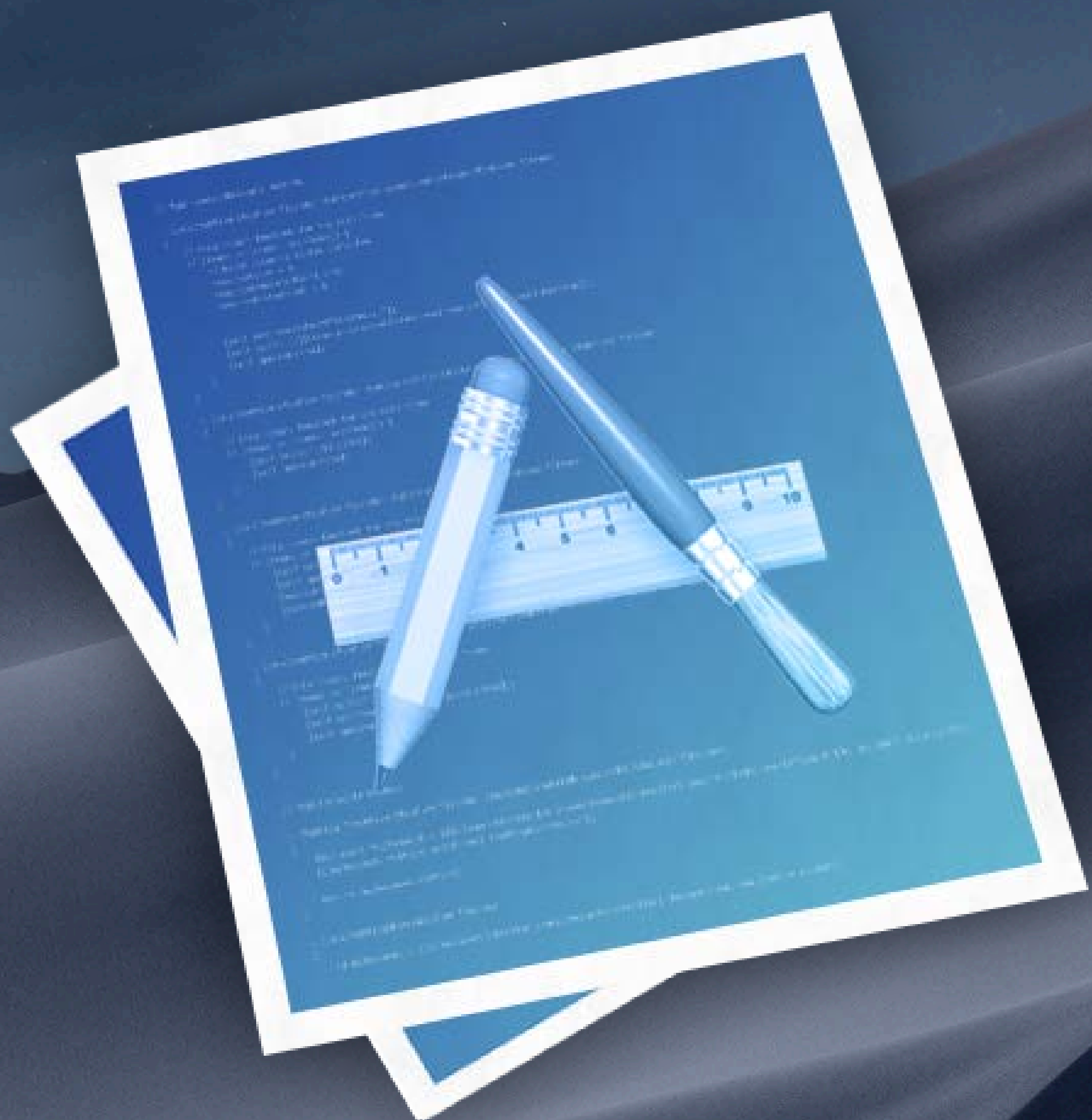


App Lifecycle



App Upload





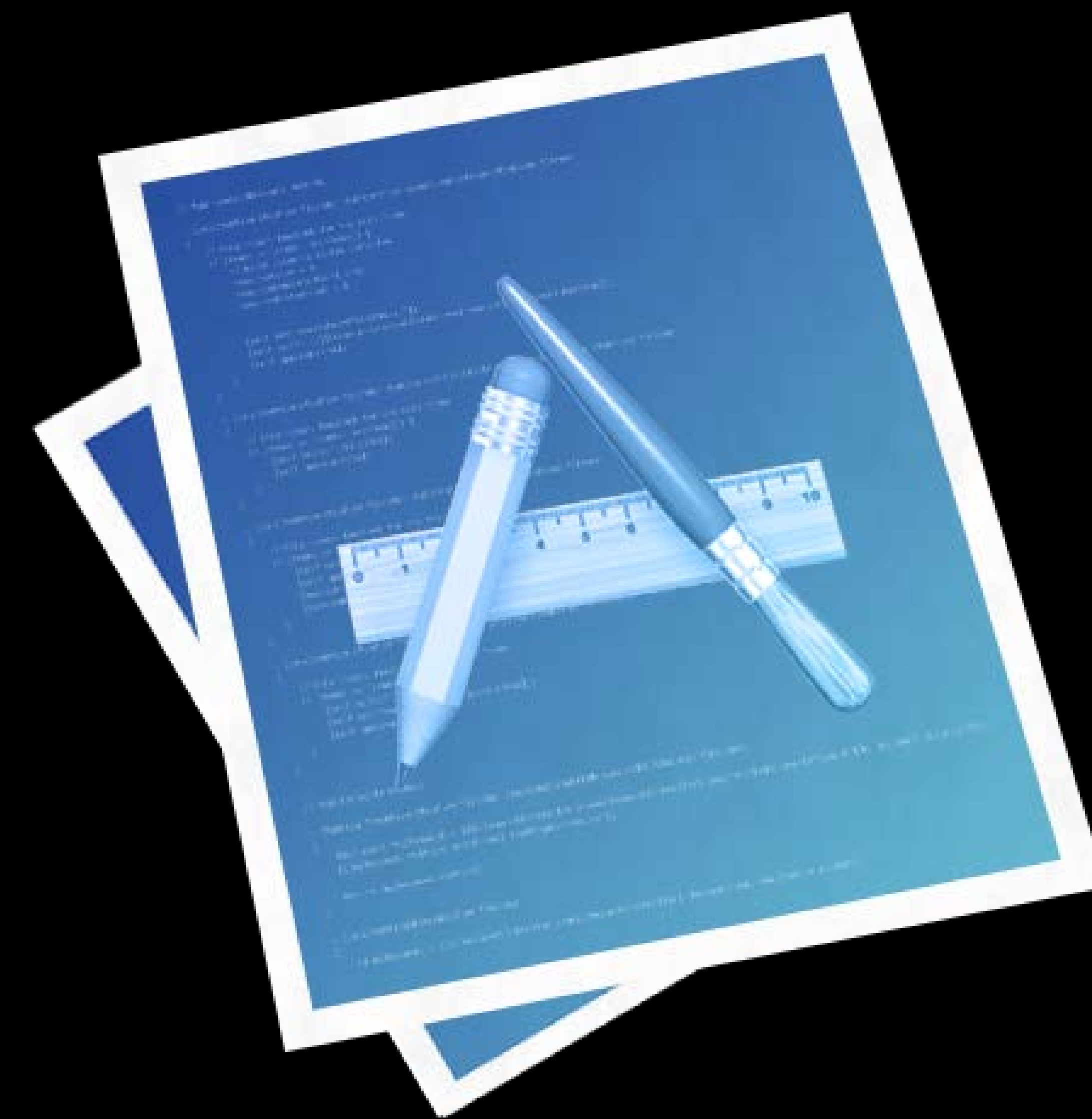
Apple Inc. Template Chooser



Deliver Your App

Choose

App Upload



App Upload



NEW



Transporter

NEW



Transporter

Español

日本語

Italiano

한국어



简体中文

Deutsch

Français

繁體中文

Nederlands



Sign in with your Apple ID enabled for App Store Connect or Transporter.

Apple ID:


[Forgot Apple ID or Password?](#)

Cancel

Next

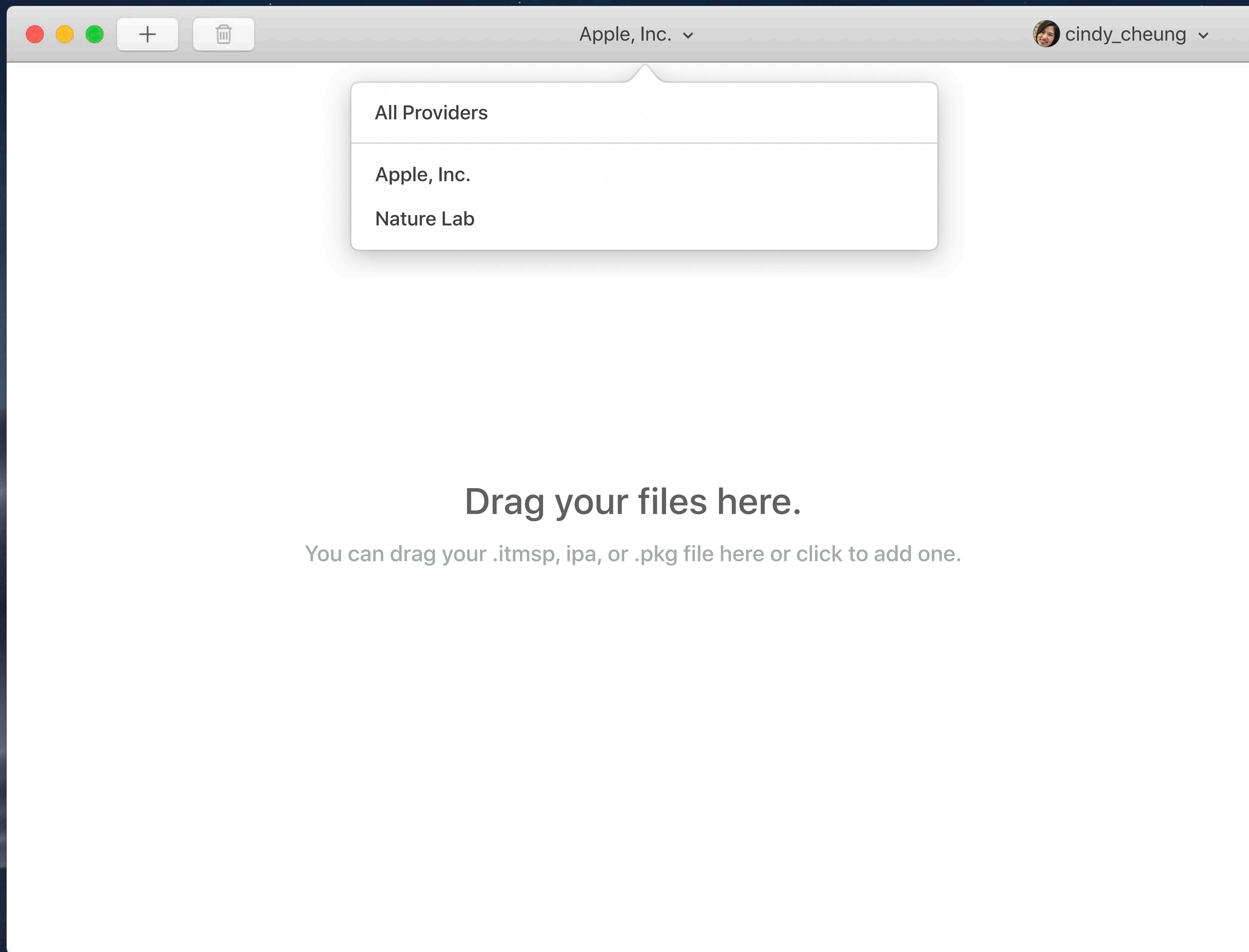


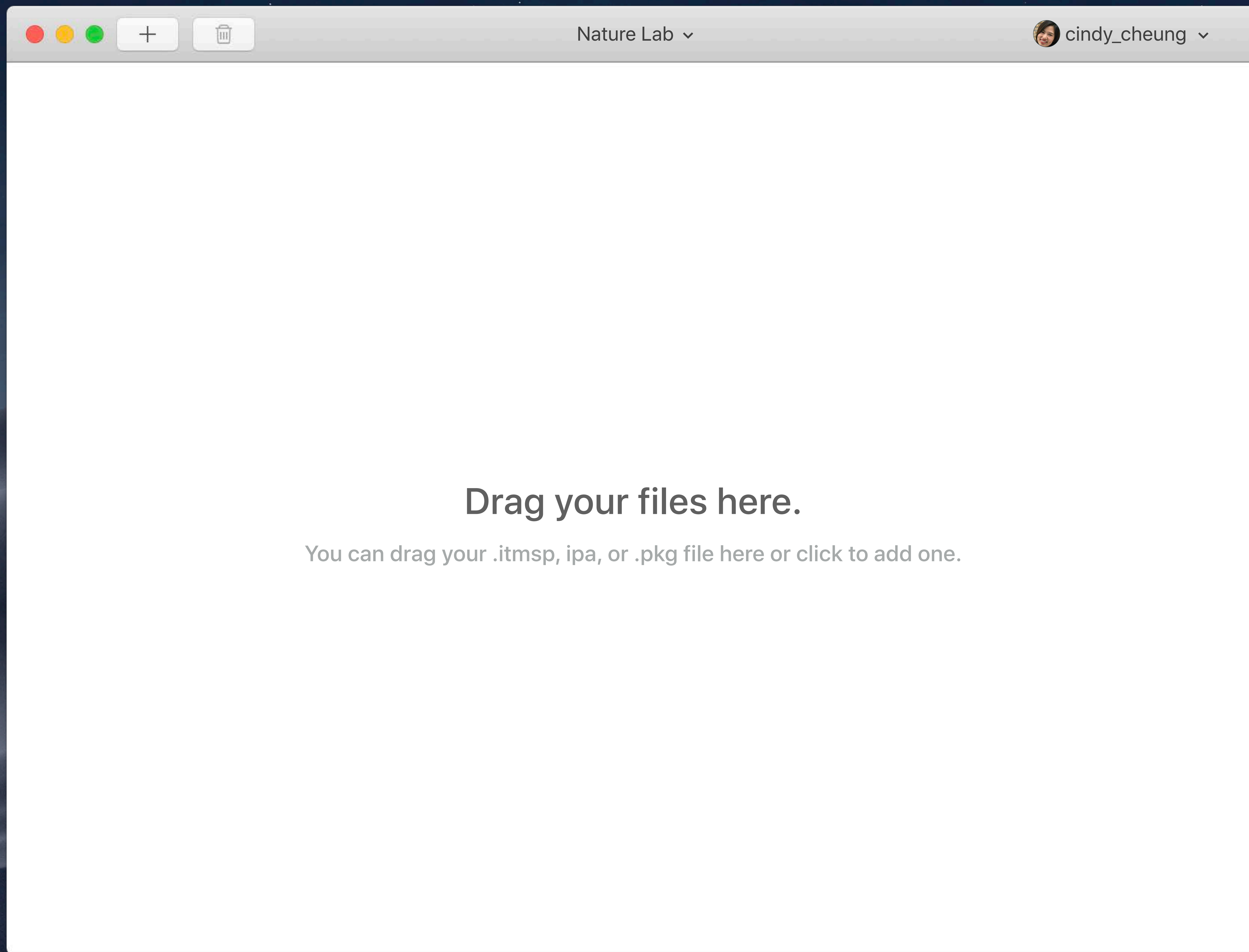
Apple, Inc. ▾

 cindy_cheung ▾

Drag your files here.

You can drag your .itmsh, ipa, or .pkg file here or click to add one.






Nature Lab ▾

 cindy_cheung ▾

Drag your files here.

You can drag your .itmosp, ipa, or .pkg file here or click to add one.

Nature Lab ▾ cindy_cheung ▾




ForestExplorer.ipa

Drag your files here.

You can drag your .itmsh, ipa, or .pkg file here or click to add one.



Nature Lab ▾

 cindy_cheung ▾

Active

Packages that will be verified.



Forest Explorer


com.naturelab.forestexplorer
Nature Lab

VERIFY

Nature Lab ▼ cindy_cheung ▼

Active


Packages that will be verified.



Forest Explorer
com.naturelab.forestexplorer
Nature Lab

The package can't be verified.


ISSUE

 ERROR ITMS-90189: Redundant Binary Upload. You've already uploaded a build with build number '1.0.1' for version number '1.0.1'. Make sure you increment the build string before you upload your app to App Store Connect. Learn more in Xcode Help (<https://help.apple.com/xcode/mac/current/#/devba7f53ad4>)

Delete Package

MacOS window header with title bar. On the left are window control buttons (red, yellow, green, plus, trash). The title is "Nature Lab" with a dropdown arrow. On the right is a user profile "cindy_cheung" with a dropdown arrow.

Active
Packages that will be verified.

 **Forest Explorer**
com.naturelab.forestexplorer
Nature Lab

Progress bar: approximately 30% complete. Includes a close button (x) on the right.



Active

Packages that will be verified.



Forest Explorer

com.naturelab.forestexplorer
Nature Lab

VERIFY



Mountain Climber

com.naturelab.mountainclimber
Nature Lab

VERIFY



Ocean Journal

com.naturelab.oceanjournal
Nature Lab

VERIFY

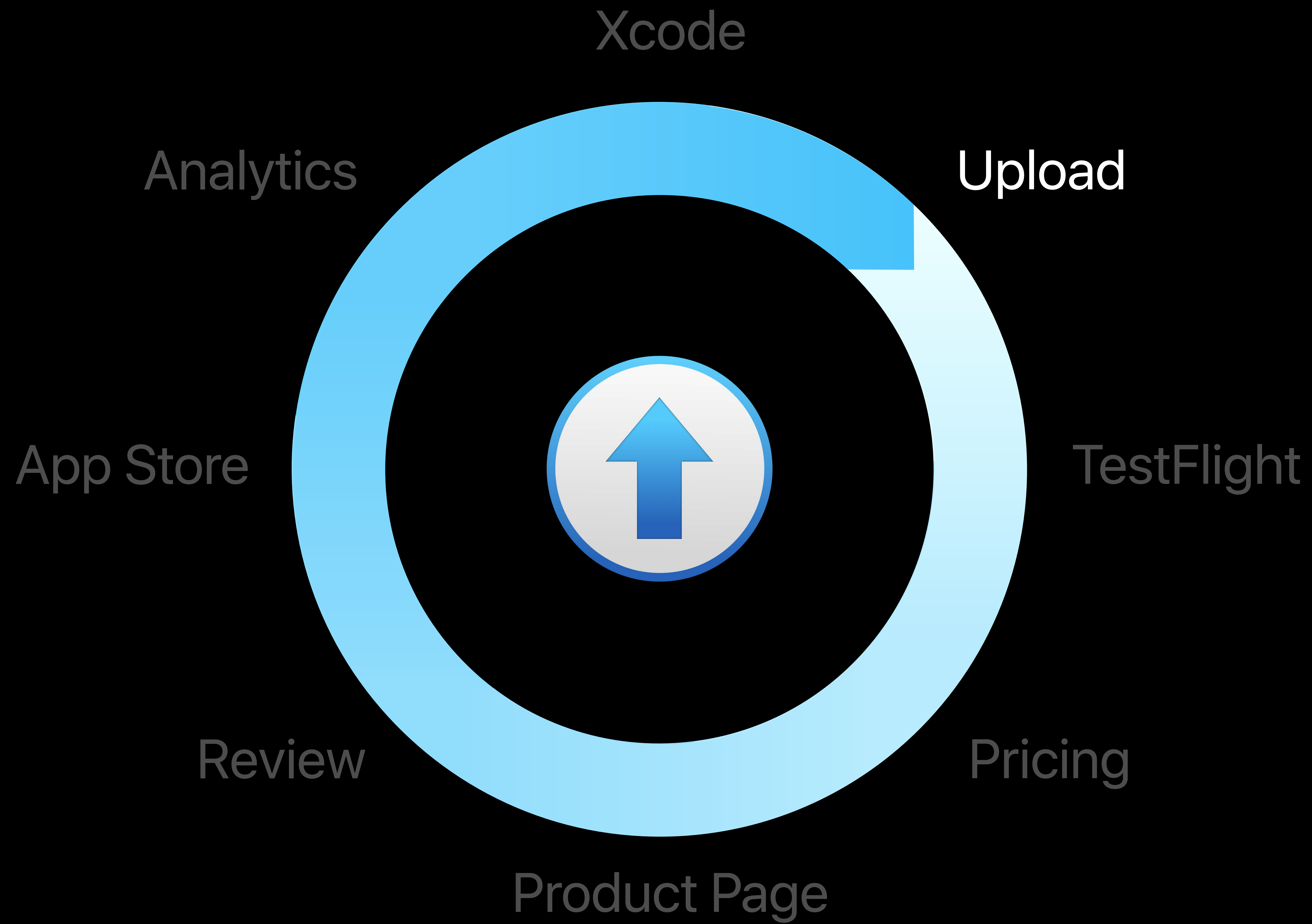


Sunset Seeker

com.naturelab.sunsetseeker
Nature Lab

VERIFY

App Lifecycle





9:41



Done

From: [Apple, Inc.](#) >

To: [Cindy Cheung](#) >

Hide



App Store Connect: Your app "Forest Explorer" (Apple ID: 123456789 Version 1.0.0 Build: 100) Has one or more issues



June 6, 2019 at 4:00 PM

App Store Connect

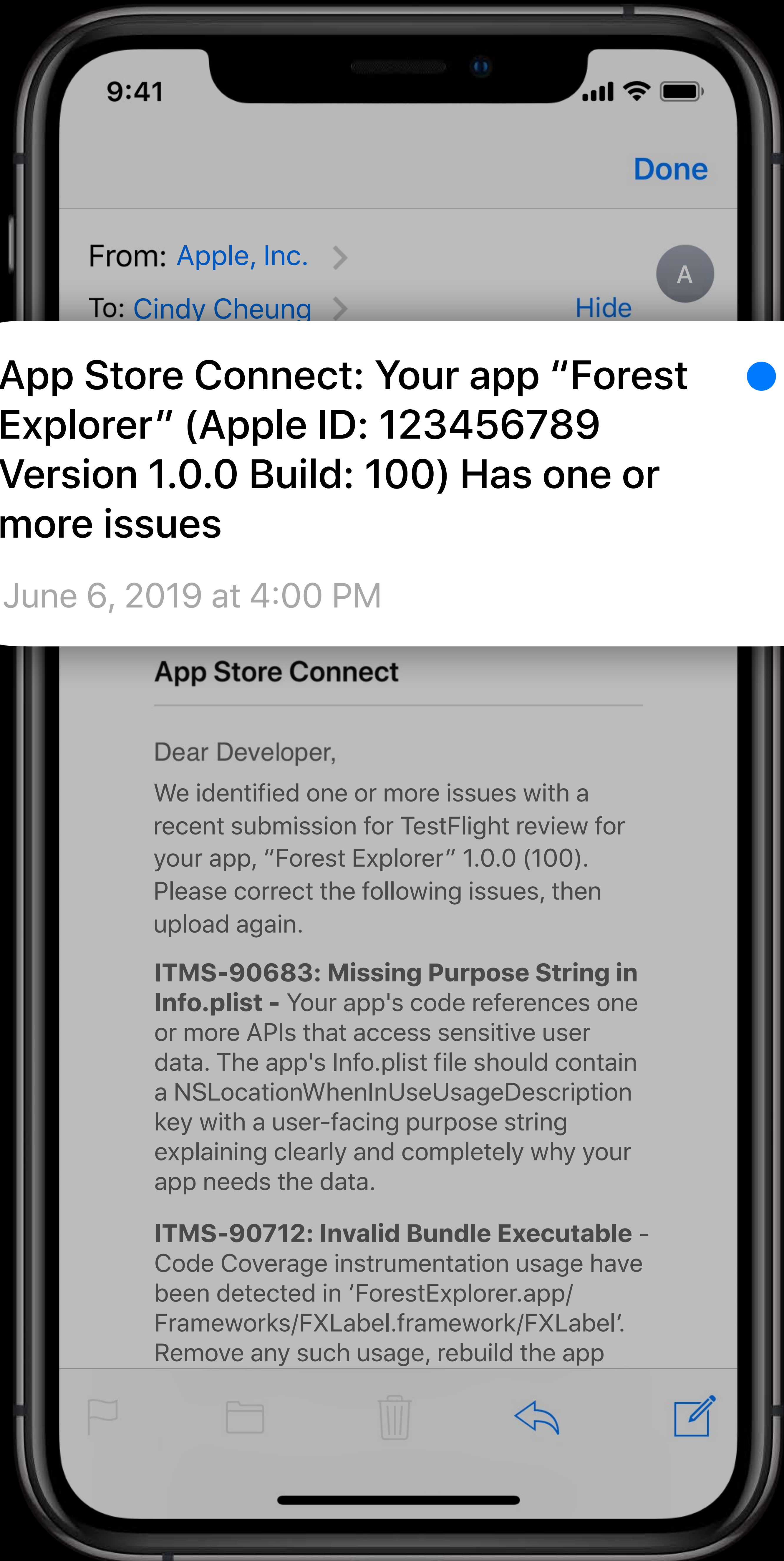
Dear Developer,

We identified one or more issues with a recent submission for TestFlight review for your app, "Forest Explorer" 1.0.0 (100). Please correct the following issues, then upload again.

ITMS-90683: Missing Purpose String in Info.plist - Your app's code references one or more APIs that access sensitive user data. The app's Info.plist file should contain a `NSLocationWhenInUseUsageDescription` key with a user-facing purpose string explaining clearly and completely why your app needs the data.

ITMS-90712: Invalid Bundle Executable - Code Coverage instrumentation usage have been detected in 'ForestExplorer.app/Frameworks/FXLabel.framework/FXLabel'. Remove any such usage, rebuild the app





App Store Connect: Your app "Forest Explorer" (Apple ID: 123456789 Version 1.0.0 Build: 100) Has one or more issues

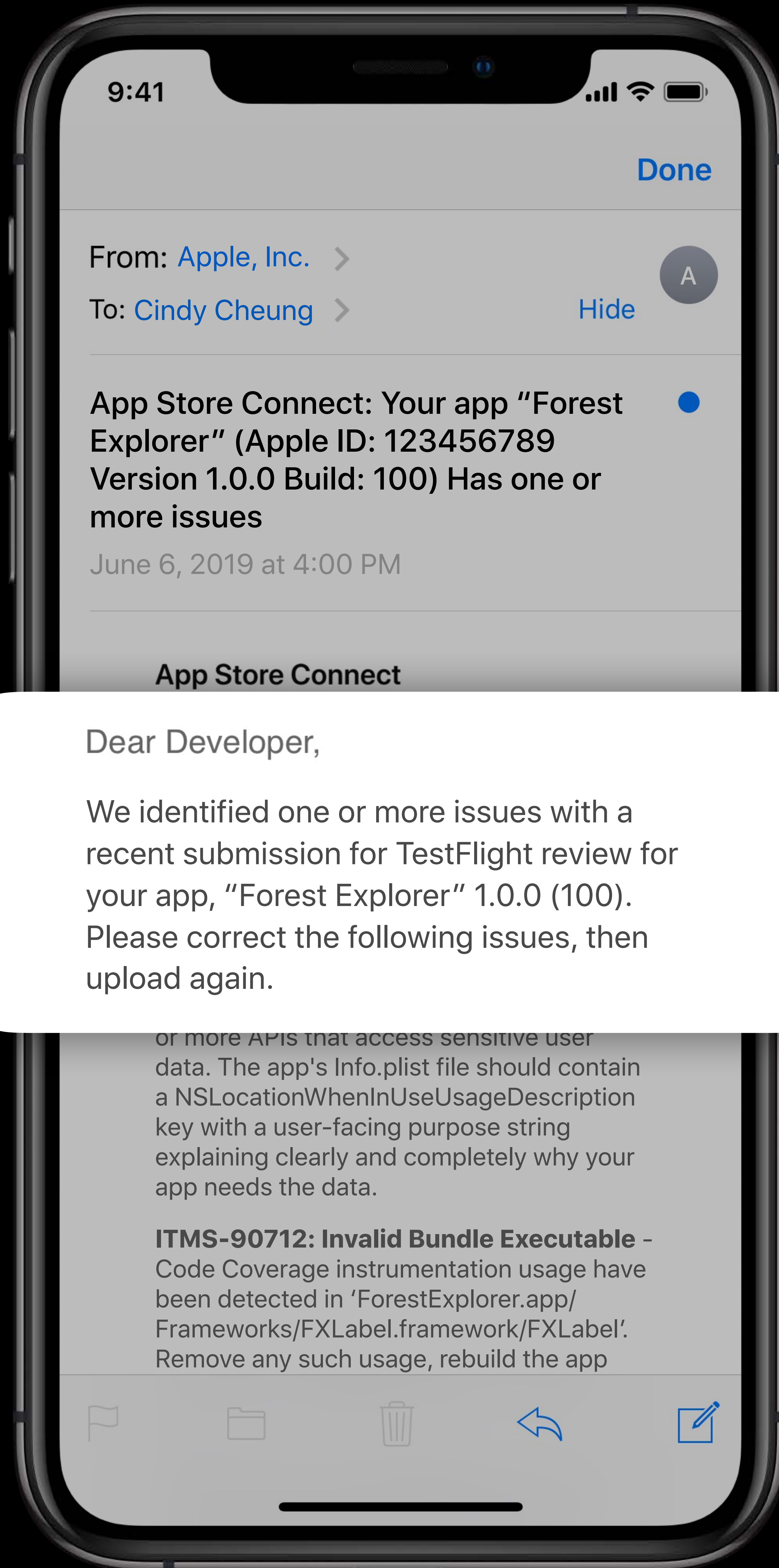
June 6, 2019 at 4:00 PM

App Store Connect

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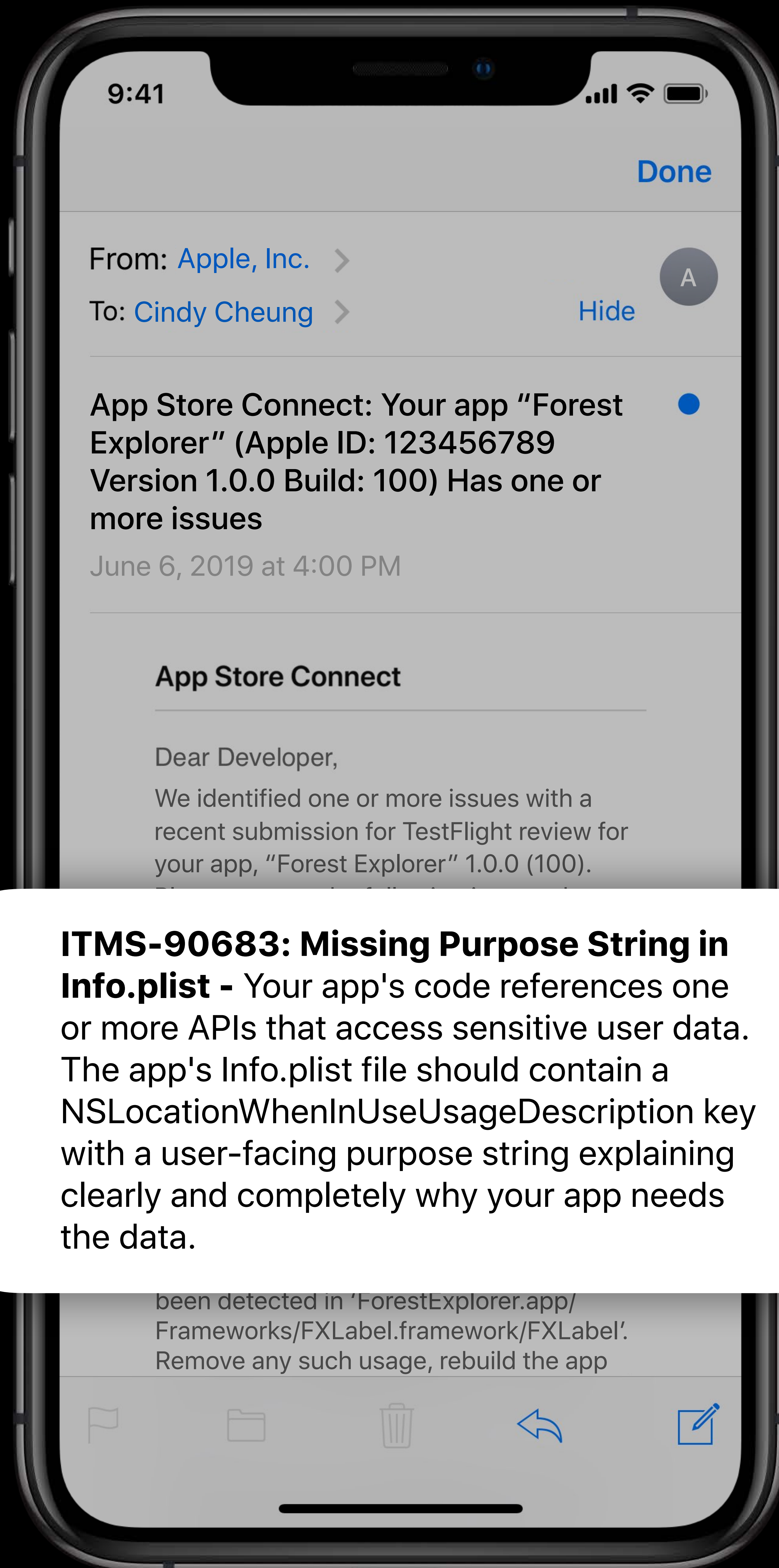


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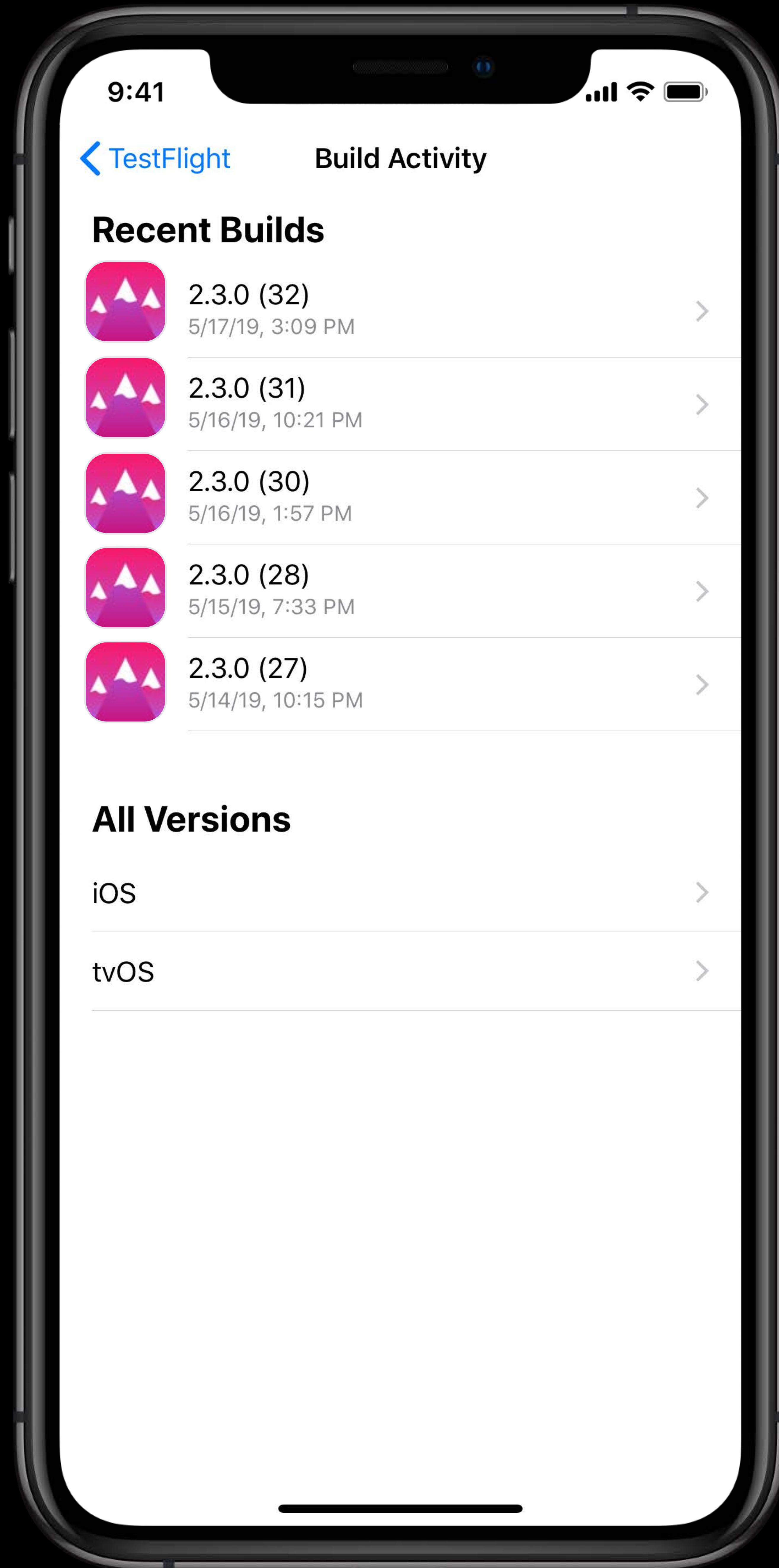
or more APIs that access sensitive user data. The app's Info.plist file should contain a NSLocationWhenInUseUsageDescription key with a user-facing purpose string explaining clearly and completely why your app needs the data.

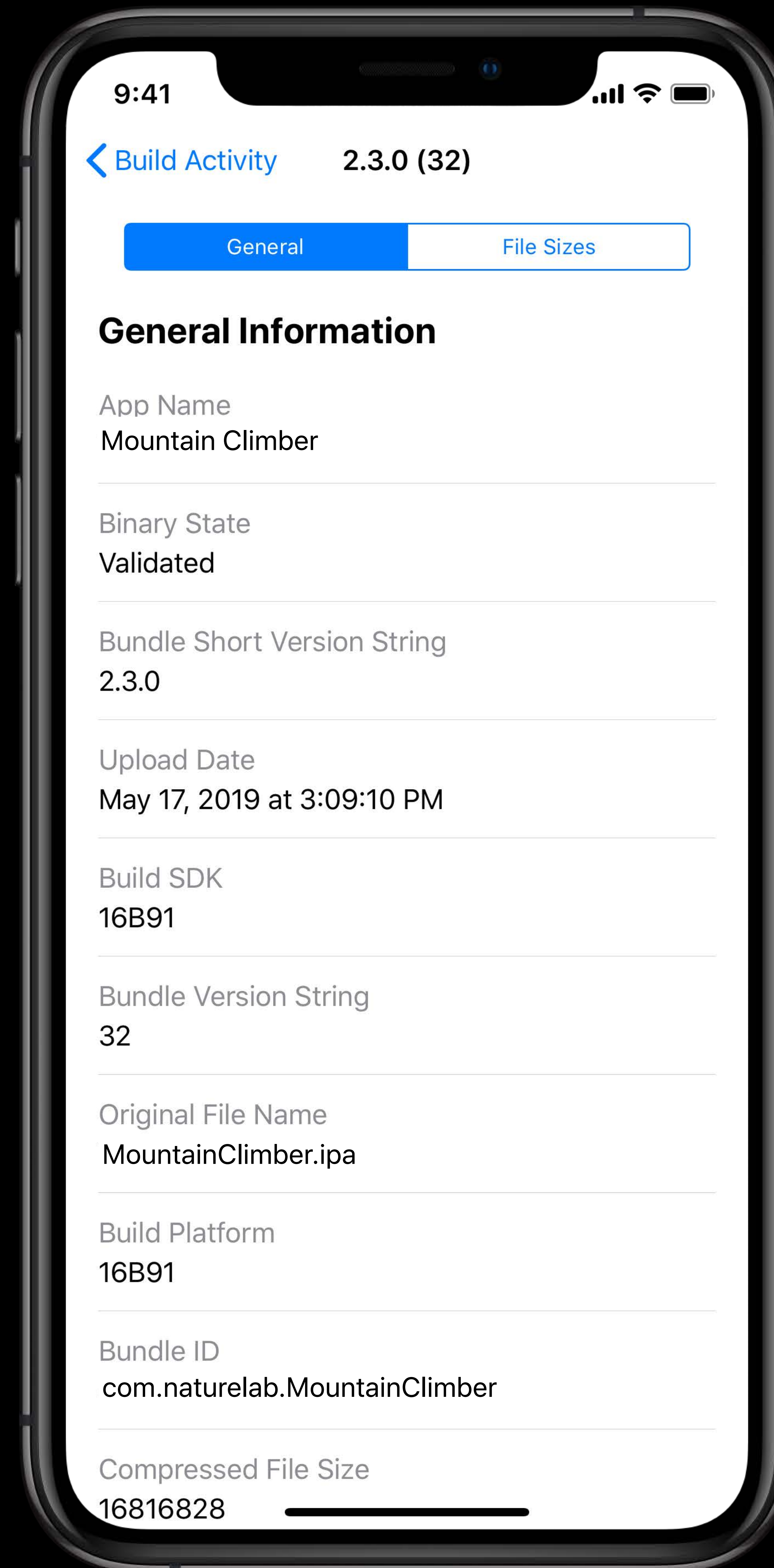
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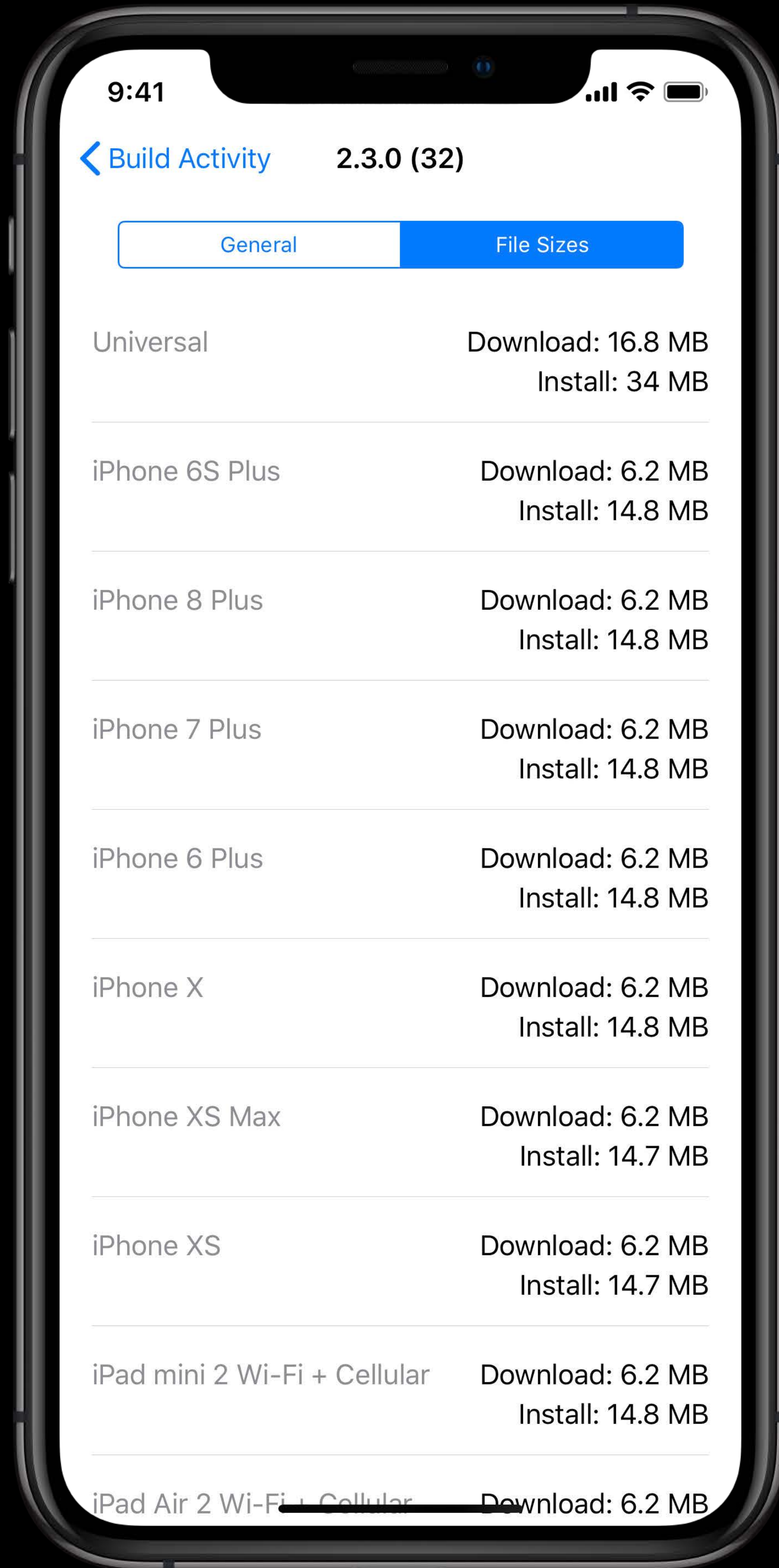


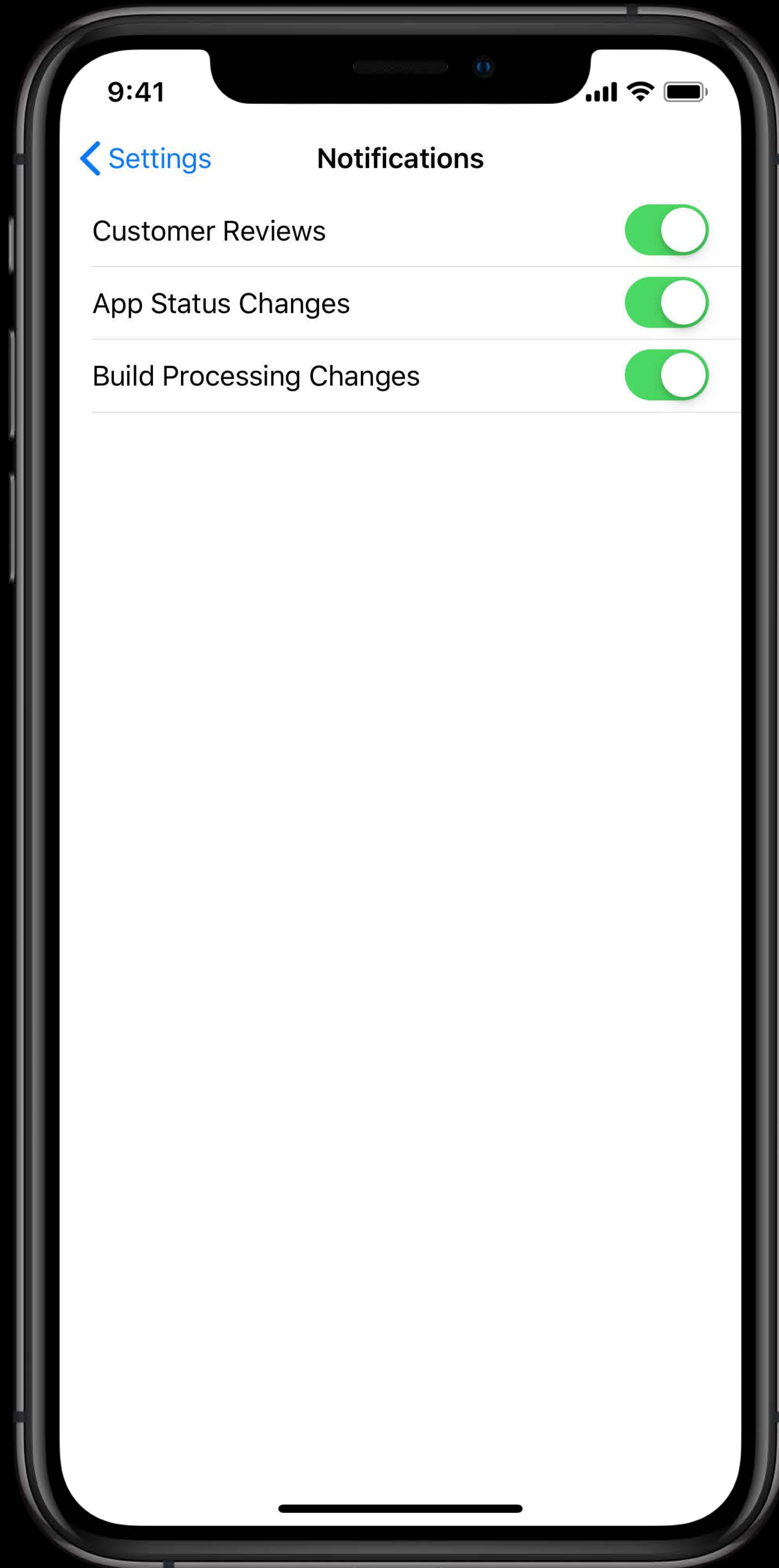
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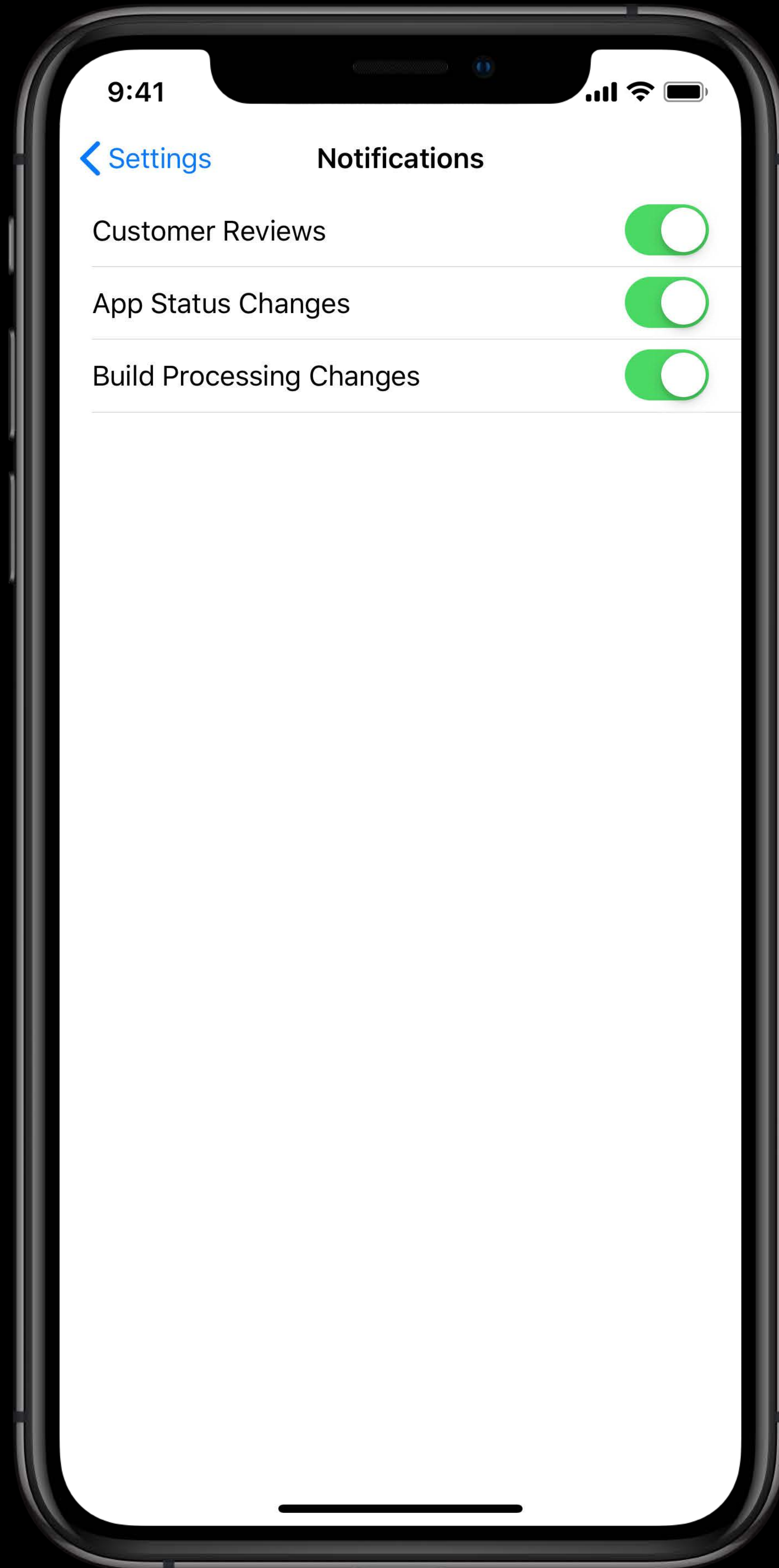
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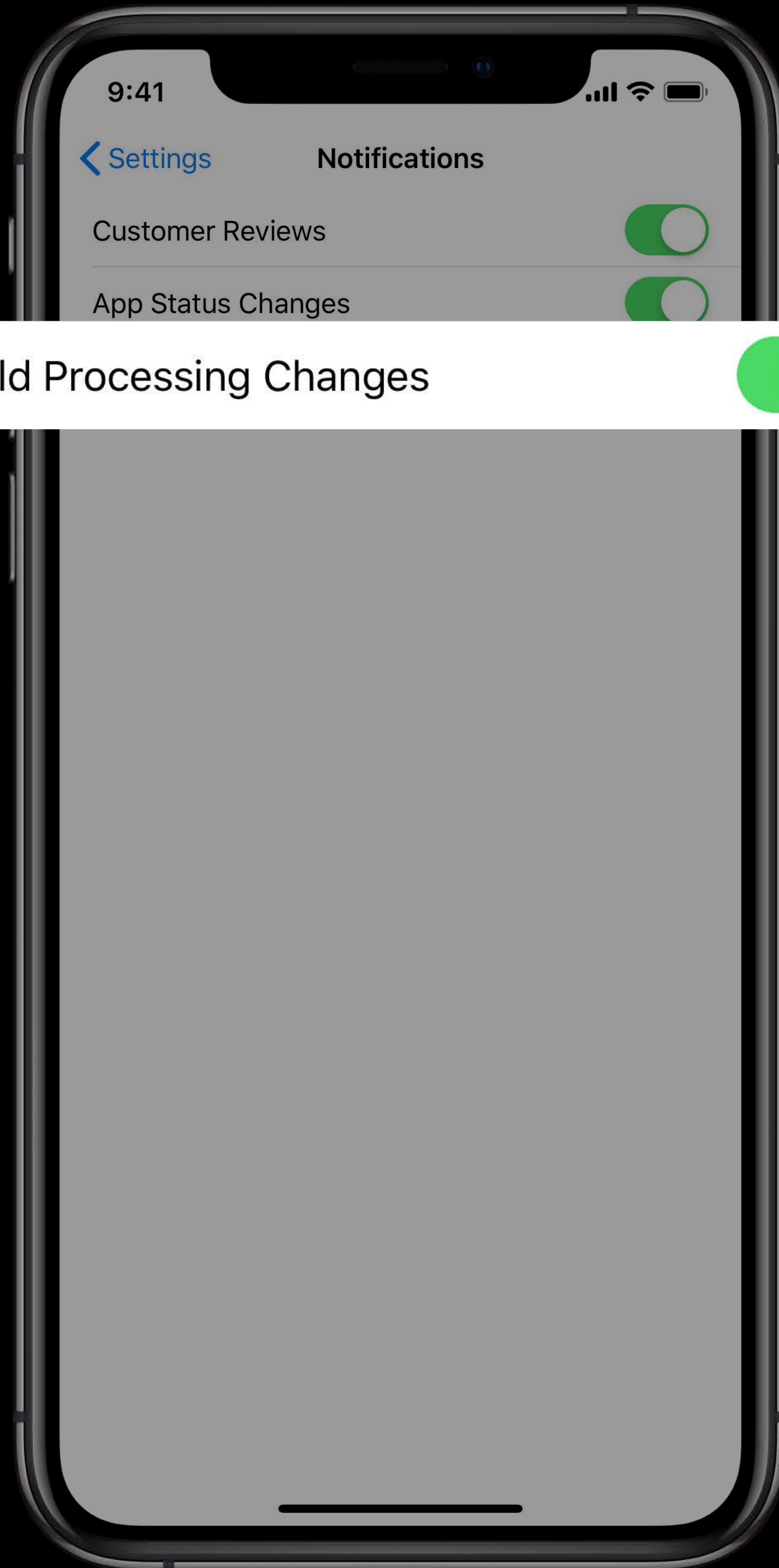












Build Processing Changes



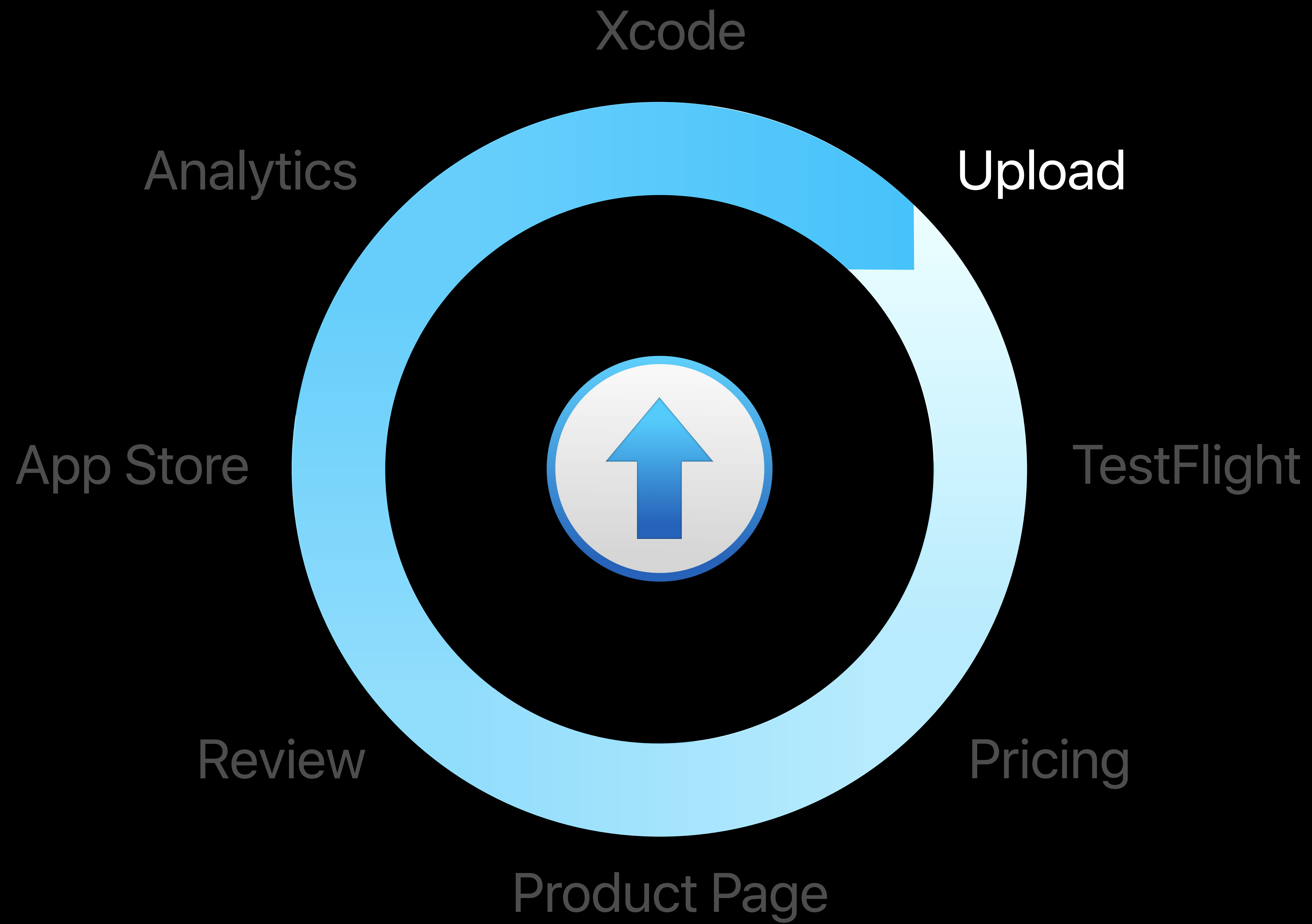


CONNECT

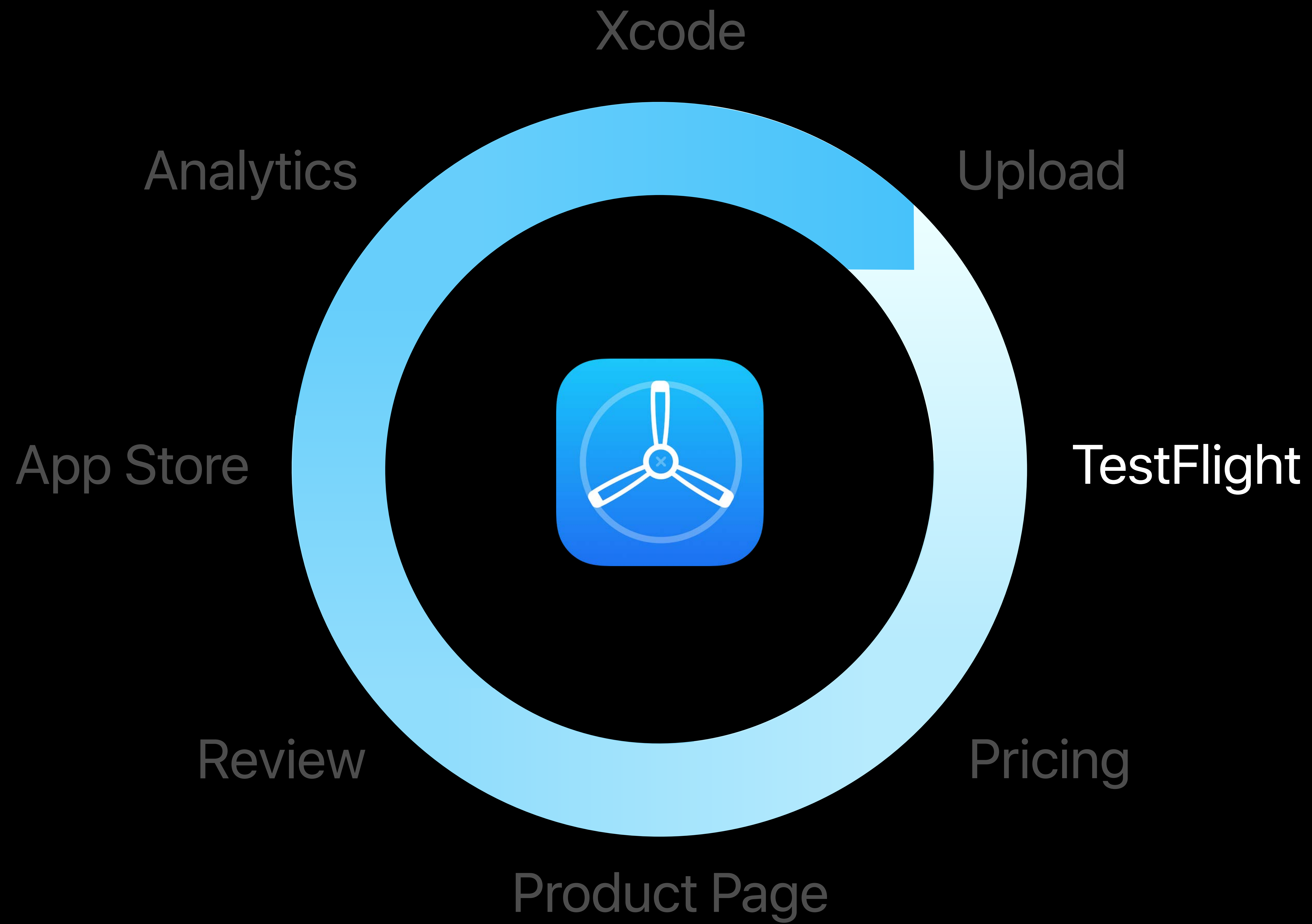
now

Mountain Climber 2.0 (100) for iOS has finished processing.

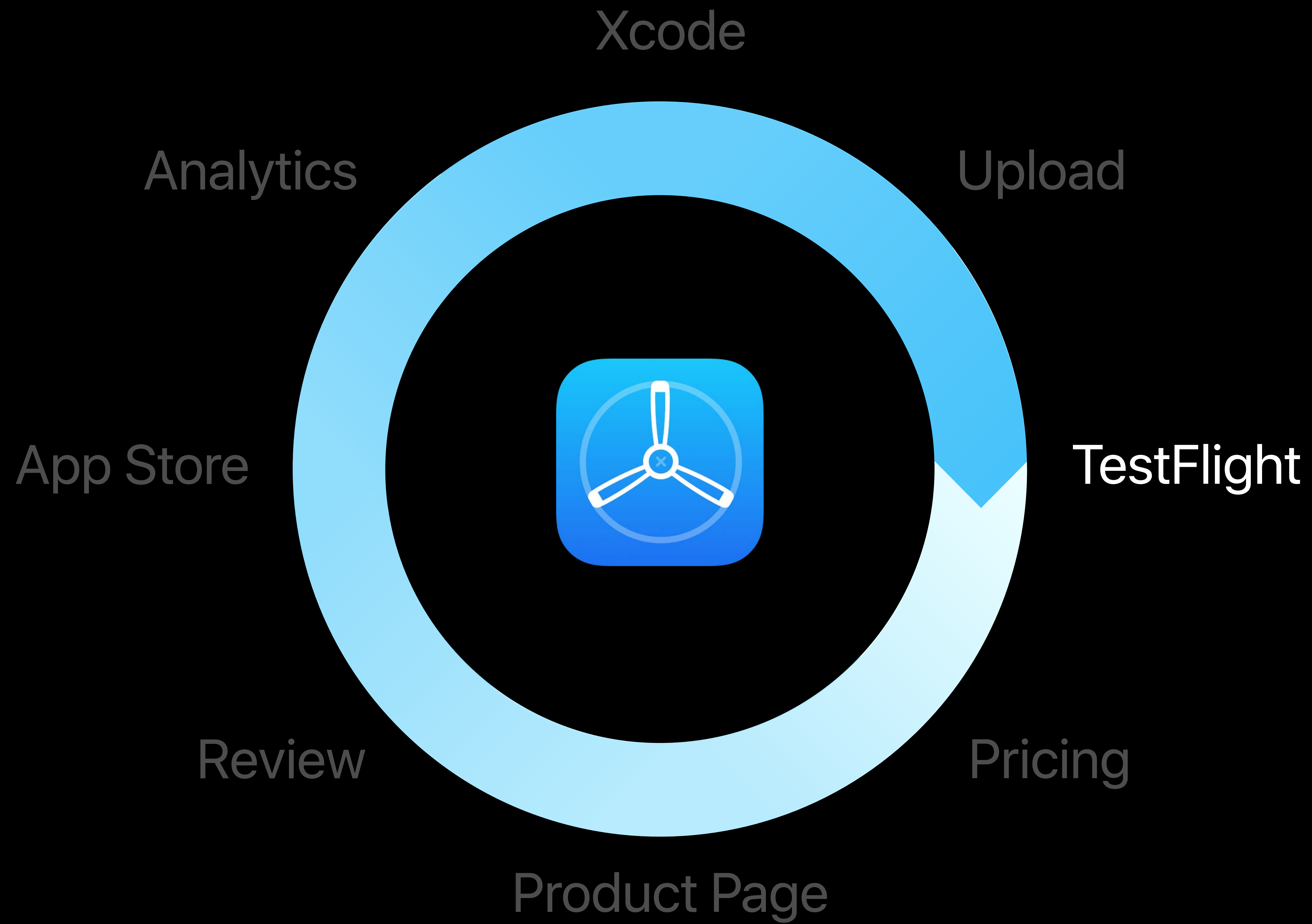
App Lifecycle



App Lifecycle



App Lifecycle



TestFlight Update

Payam Yousefi, Software Engineer

9:41



Eliza

How's the new on-boarding experience?

Do you want to check it out?

Yeah!!!



Join the Forest Explorer beta
testflight.apple.com



iMessage



“TestFlight Public Link reduced friction for our testers. It increased our tester pool in a way that's lightweight and easier to maintain, while providing us more than twice the amount of useful pre-release feedback.”

Lukas Blakk, Release Engineer, Snapchat

9:41



TestFlight

Done



Forest Explorer

Version 1.0 (3)
Expires in 82 days

INSTALL

What to Test

Explorers, this is our biggest update ever!

- We've added 7-day weather forecasting with real-time condition updates.
- We fixed a bug that caused the app to crash when recording new hikes.

 [Send Beta Feedback](#)

 [Beta Program Website](#)

Information

App Details >

Privacy Policy >

9:41



TestFlight

完了



Forest Explorer

バージョン 1.0 (3)
有効期限: 82日

インストール

テスト対象

探検者の皆さん、今回はこれまでで最大のアップデートです!

- 週間天気予報が追加され、リアルタイムで状況がアップデートされます。
- 新しいハイキングを記録するとAppがクラッシュするバグを修正しました。

 [ベータフィードバックを送信](#)

 [ベータプログラムWebサイト](#)

情報

Appの詳細 

プライバシーポリシー 







TestFlight Feedback

TestFlight Feedback

NEW

Tester onboarding

TestFlight Feedback

NEW

Tester onboarding

Screenshot feedback

TestFlight Feedback

NEW

Tester onboarding

Screenshot feedback

Crash feedback

TestFlight Feedback



NEW

Tester onboarding

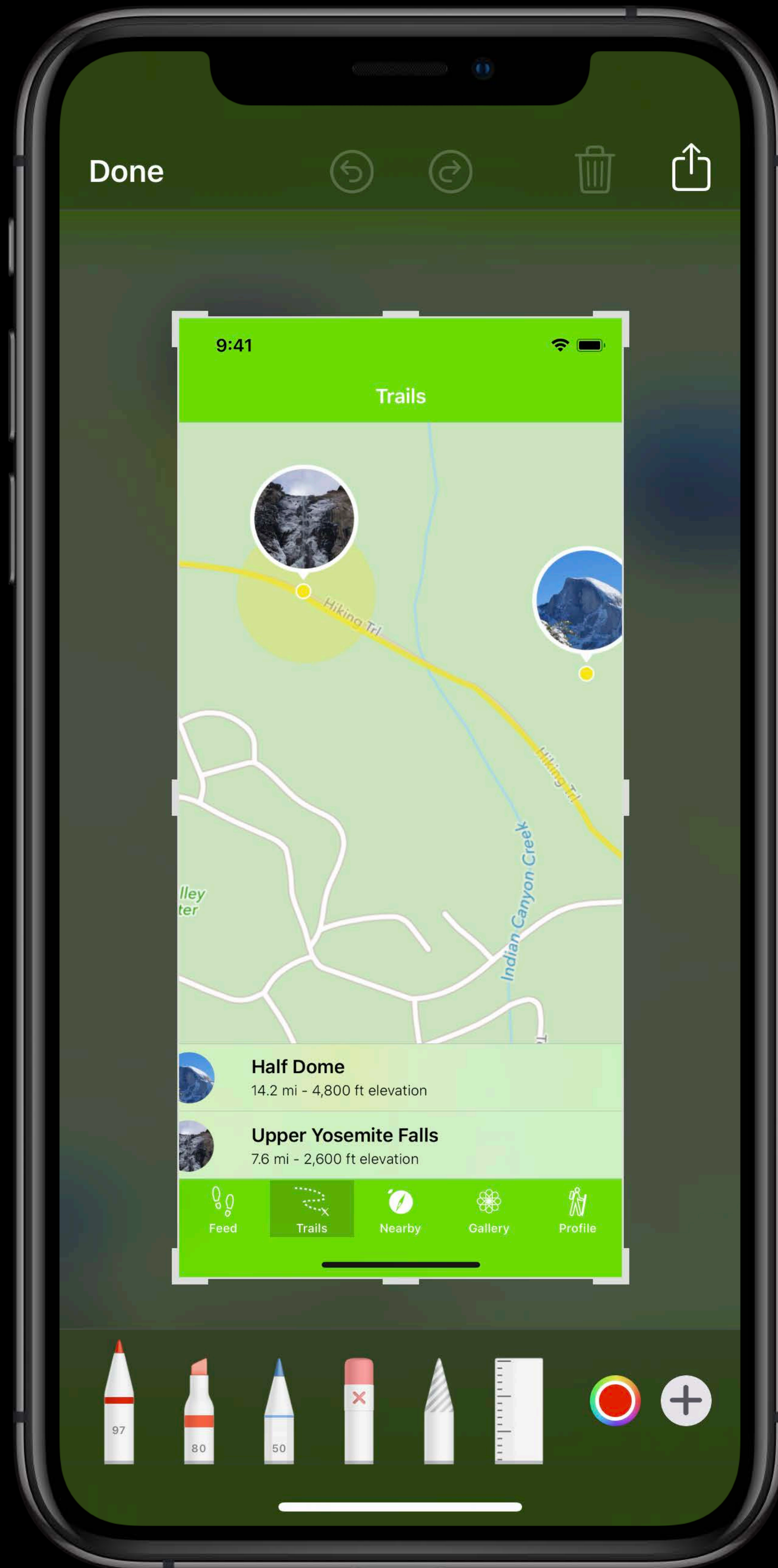
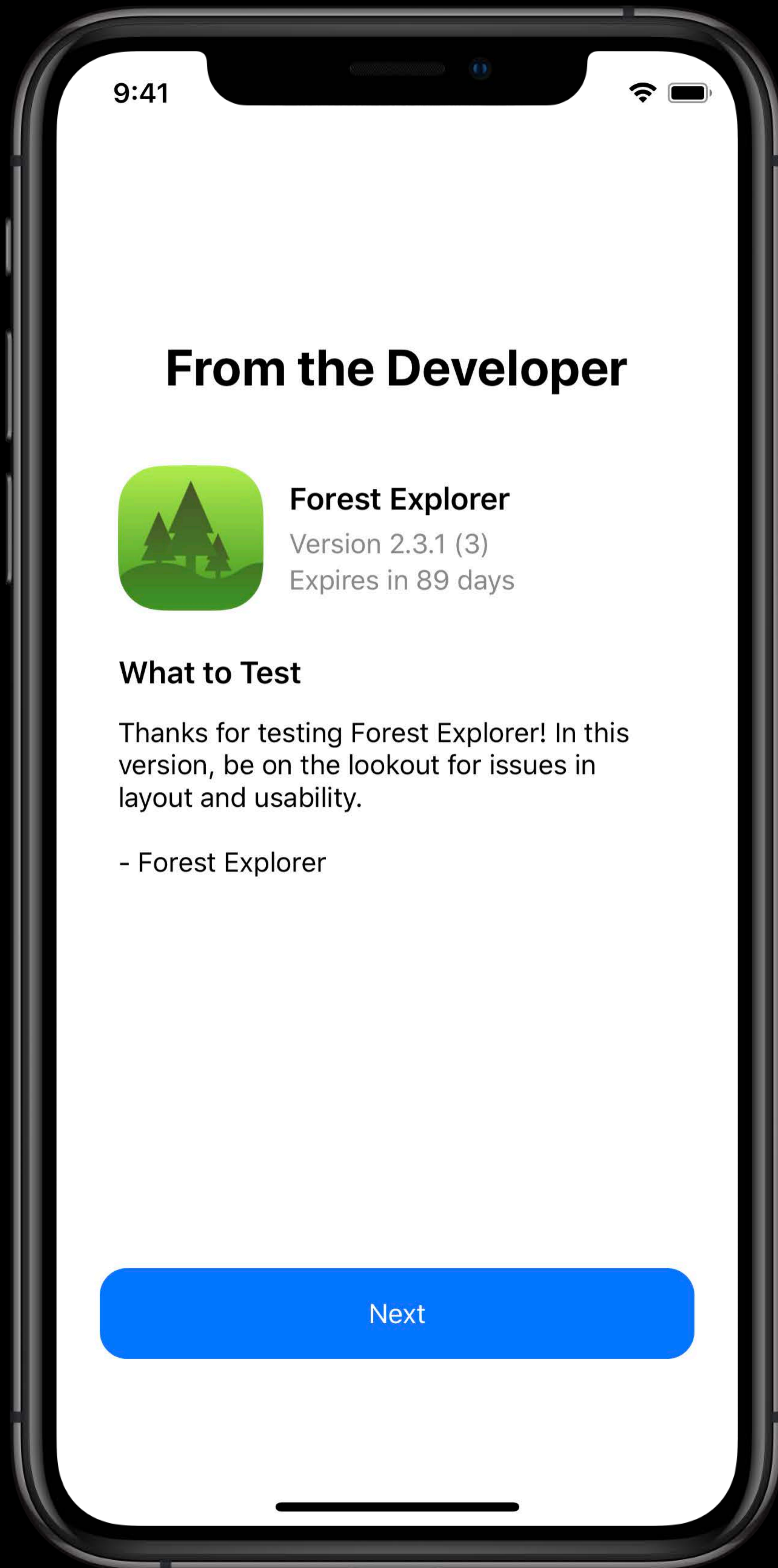
Screenshot feedback

Crash feedback

Managing feedback in App Store Connect

Demo

Giving feedback with TestFlight



Feedback in App Store Connect

View and filter feedback

Feedback in App Store Connect

View and filter feedback

See tester device information

Feedback in App Store Connect

View and filter feedback

See tester device information

Download feedback

Feedback in App Store Connect

View and filter feedback

See tester device information

Download feedback

Disable tester feedback

Browser window showing App Store Connect interface for Forest Explorer app. The page displays 'Crash Feedback' information, including a table of crash reports with columns for Date, Build, Device, iOS version, and Comment. The table lists several crashes on various devices (iPhone X, iPhone XS, iPhone 8, iPhone SE, iPad Pro) across different dates in June 2019.

- BUILDS
 - iOS
 - tvOS
- FEEDBACK
 - Crashes
 - Screenshots
- TESTERS & GROUPS
 - All Testers
 - App Store Connect Users
 - Beta Testers
 - Friends and Family
 - Stakeholders
 - WWDC
 - NEW GROUP +
- APP INFORMATION
 - Test Information
 - About TestFlight Data ?

Crash Feedback

Crash feedback from iOS 12 or earlier is not available from App Store Connect.

Version 2.1.3 All Builds All iOS Versions All Devices All Groups

Date ^	Build	Device	iOS	Comment
Jun 6, 2019 at 3:09 PM	2.1.3 (3)	iPhone X	13.0	The app can't seem to get past the first loading screen.
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Jun 5, 2019 at 7:14 PM	2.1.3 (3)	iPhone SE	13.0	
Jun 5, 2019 at 5:23 PM	2.1.3 (3)	iPad Pro (11-inch)	13.0	App keeps crashing on map screen.

appstoreconnect.apple.com

App Store Connect My Apps Forest Explorer John Appleseed Nature Lab

App Store Features TestFlight Activity App Analytics Sales and Trends

BUILDS

iOS tvOS

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FEEDBACK

- Crashes
- Screenshots

TESTERS & GROUPS

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- WWDC
- NEW GROUP (+)

APP INFORMATION

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- About TestFlight Data ?

App Store Connect My Apps ▾ Forest Explorer ▾ John Appleseed ▾ Nature Lab ?

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BUILDS
iOS
tvOS

FEEDBACK
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WWDC
NEW GROUP (+)
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appstoreconnect.apple.com

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App Store Features TestFlight Activity App Analytics Sales and Trends

BUILDS iOS tvOS FEEDBACK Crashes Screenshots TESTERS & GROUPS All Testers App Store Connect Users Beta Testers Friends and Family Stakeholders WWDC NEW GROUP APP INFORMATION Test Information About TestFlight Data

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appstoreconnect.apple.com

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App Store Features **TestFlight** Activity App Analytics Sales and Trends

BUILDS

iOS tvOS

FEEDBACK

Crashes Screenshots

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All Testers App Store Connect Users

Beta Testers Friends and Family Stakeholders WWDC

NEW GROUP (+)

APP INFORMATION

Test Information About TestFlight Data ?

Crash Feedback (June 5, 2019 at 12:07 PM)

Tester	Email	Group
Cindy Cheung	cindy_cheung@icloud.com	Friends and Family

App

App Version
2.1.3 (3)

Device

Device	iOS Version	Battery
iPhone XS	13.0	99%

Carrier	Timezone	Architecture ?
AT&T	America/Los_Angeles	ARM64

Connection Type	Disk Free	Screen Resolution
Wi-Fi	104.5 GB available of 118.9 GB	414pts by 736pts

[Delete](#) [OK](#)

Jun 5, 2019 at 7:14 PM	2.1.3 (3)	iPhone SE	13.0	
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OK

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OK

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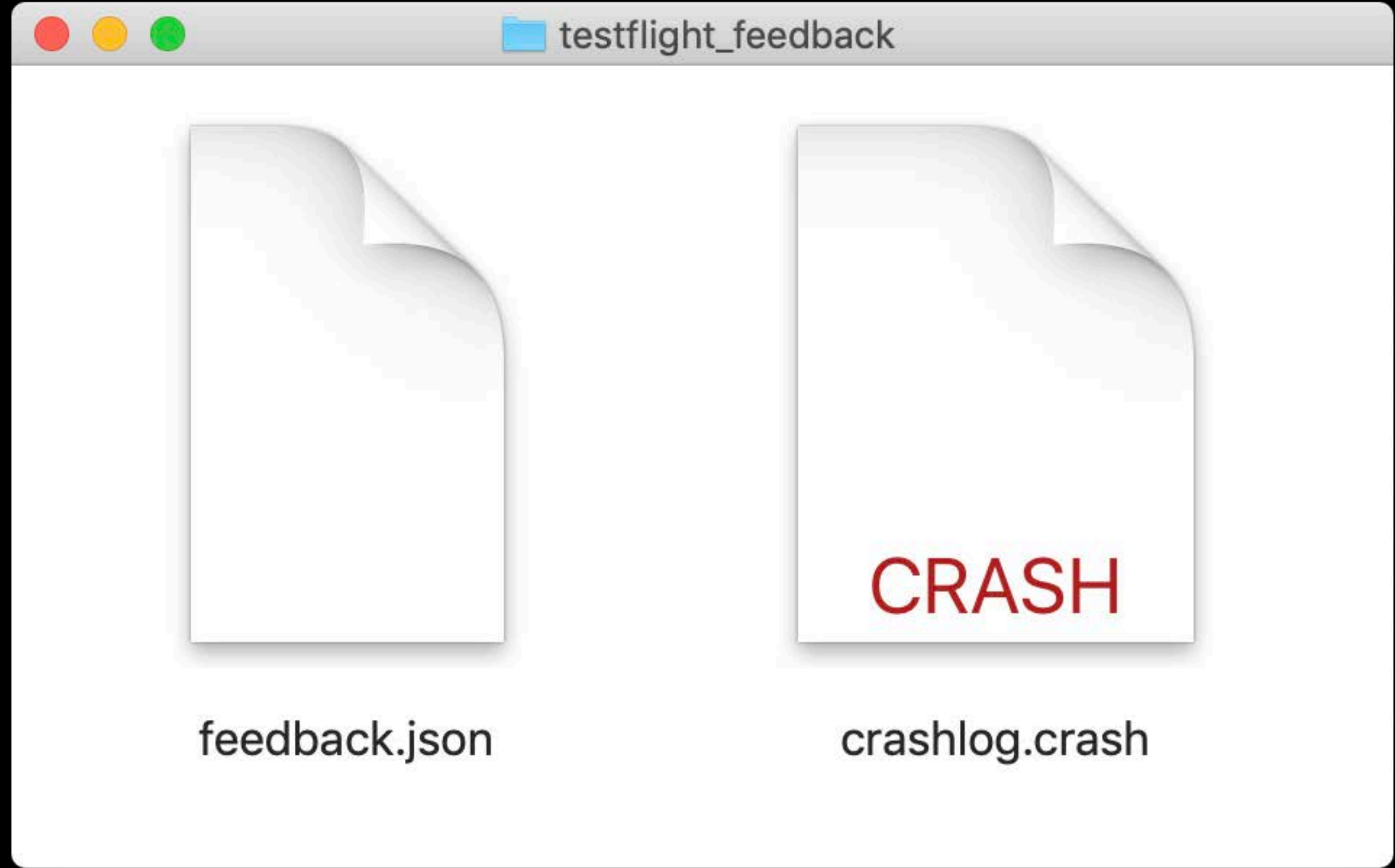
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OK



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App Store Features TestFlight Activity App Analytics Sales and Trends

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Jun 5, 2019 at 9:48 PM	2.1.3 (3)	iPhone XS	13.0	9 out of 10 times, the app is crashing on search.
Jun 5, 2019 at 7:14 PM	2.1.3 (3)	iPhone SE	13.0	
Jun 5, 2019 at 5:23 PM	2.1.3 (3)	iPad Pro (11-inch)	13.0	App keeps crashing on map screen.

TESTERS & GROUPS

- All Testers
- App Store Connect Users
- Beta Testers
- Friends and Family
- Stakeholders
- WWDC
- NEW GROUP (+)

APP INFORMATION

- Test Information
- About TestFlight Data ?

FEEDBACK

- Crashes
- Screenshots**

App Store Connect My Apps ▾ Forest Explorer ▾ John Appleseed ▾ Nature Lab

App Store Features TestFlight Activity App Analytics Sales and Trends

BUILDS
iOS
tvOS

FEEDBACK
Crashes
Screenshots

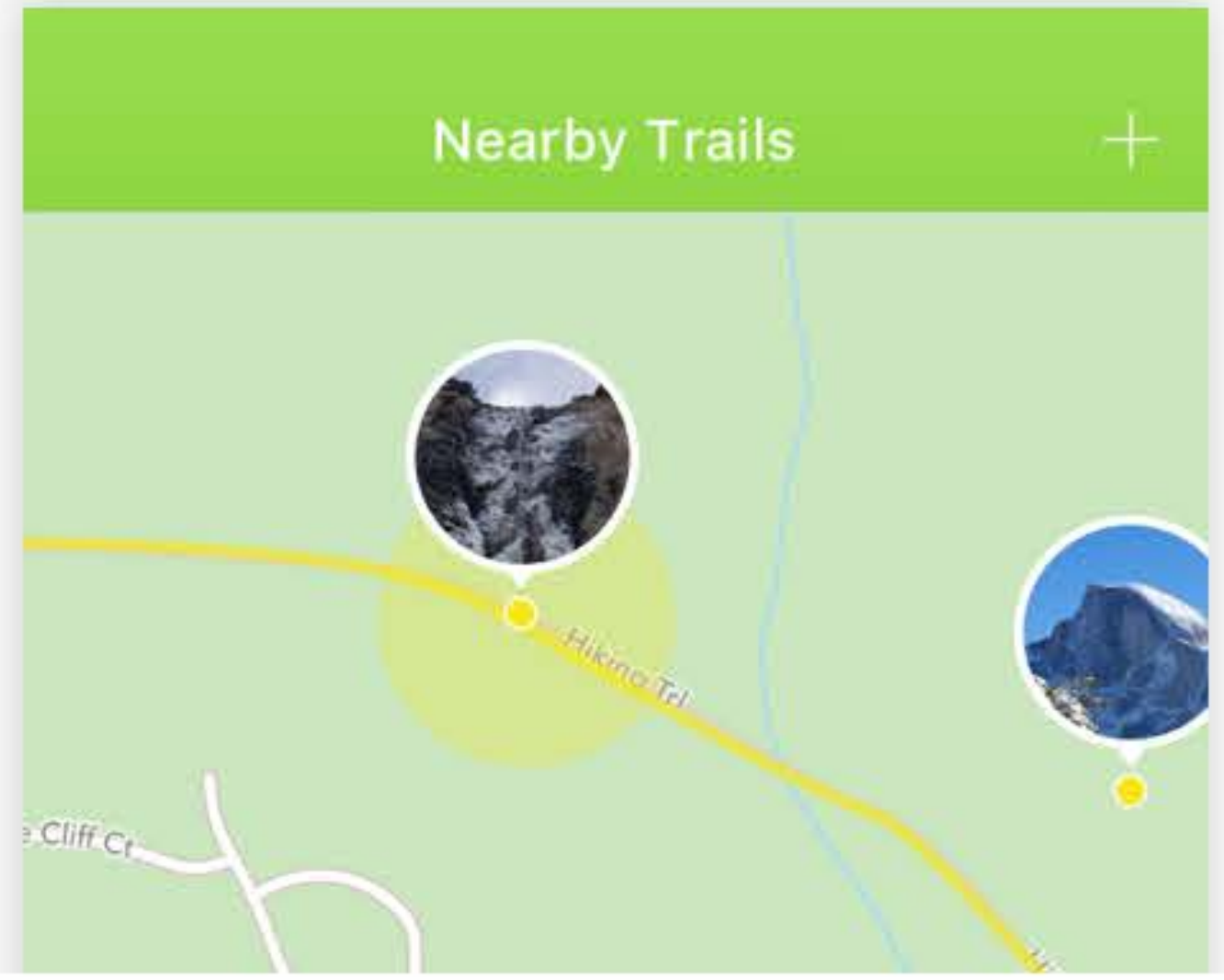
TESTERS & GROUPS
All Testers
App Store Connect Users
Beta Testers
Friends and Family
Stakeholders
WWDC
NEW GROUP (+)

APP INFORMATION
Test Information
About TestFlight Data ?

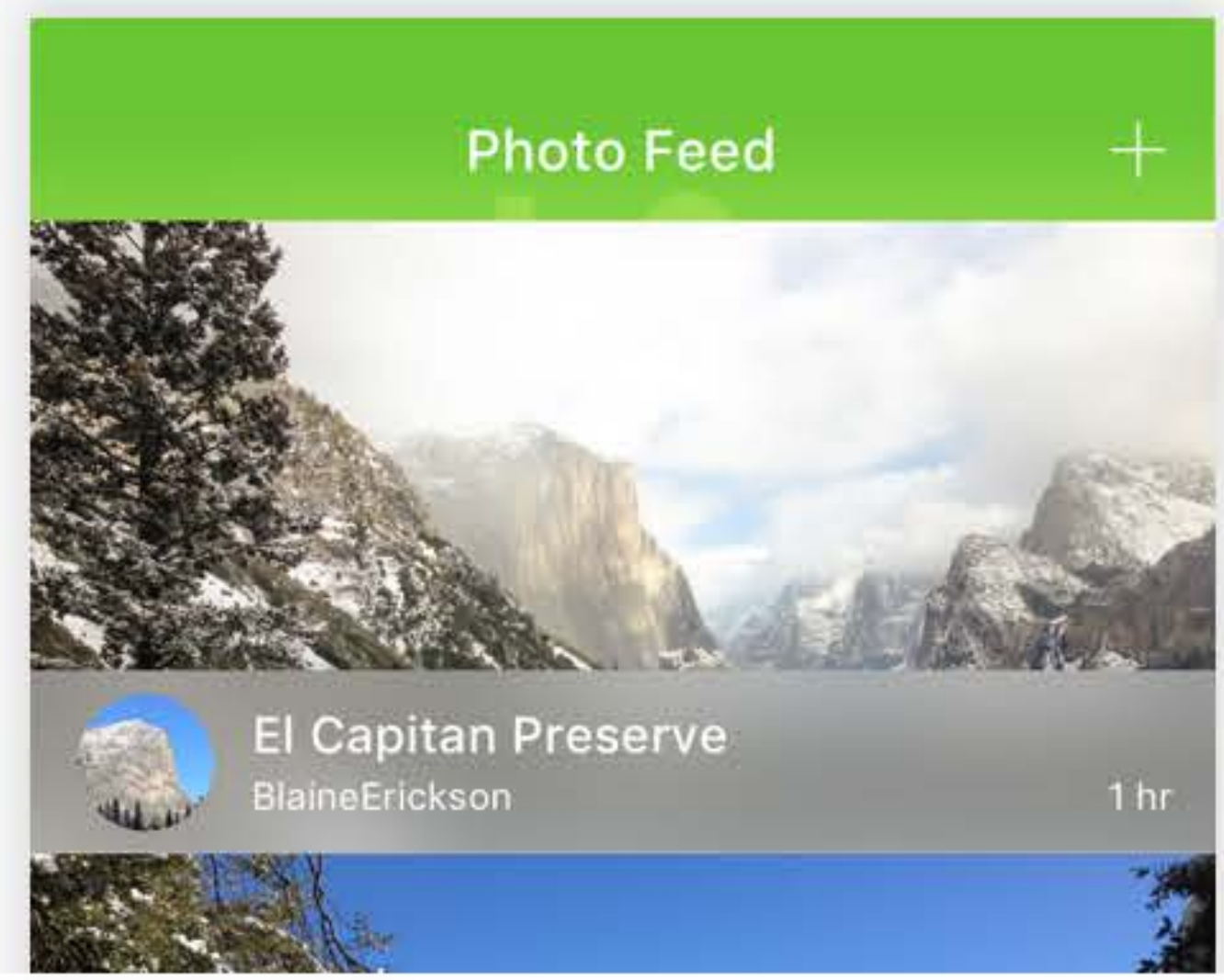
Screenshot Feedback

View the latest feedback from your testers.


Version 2.1.3 ▾ All Builds ▾ All iOS Versions ▾ All Devices ▾ All Groups ▾



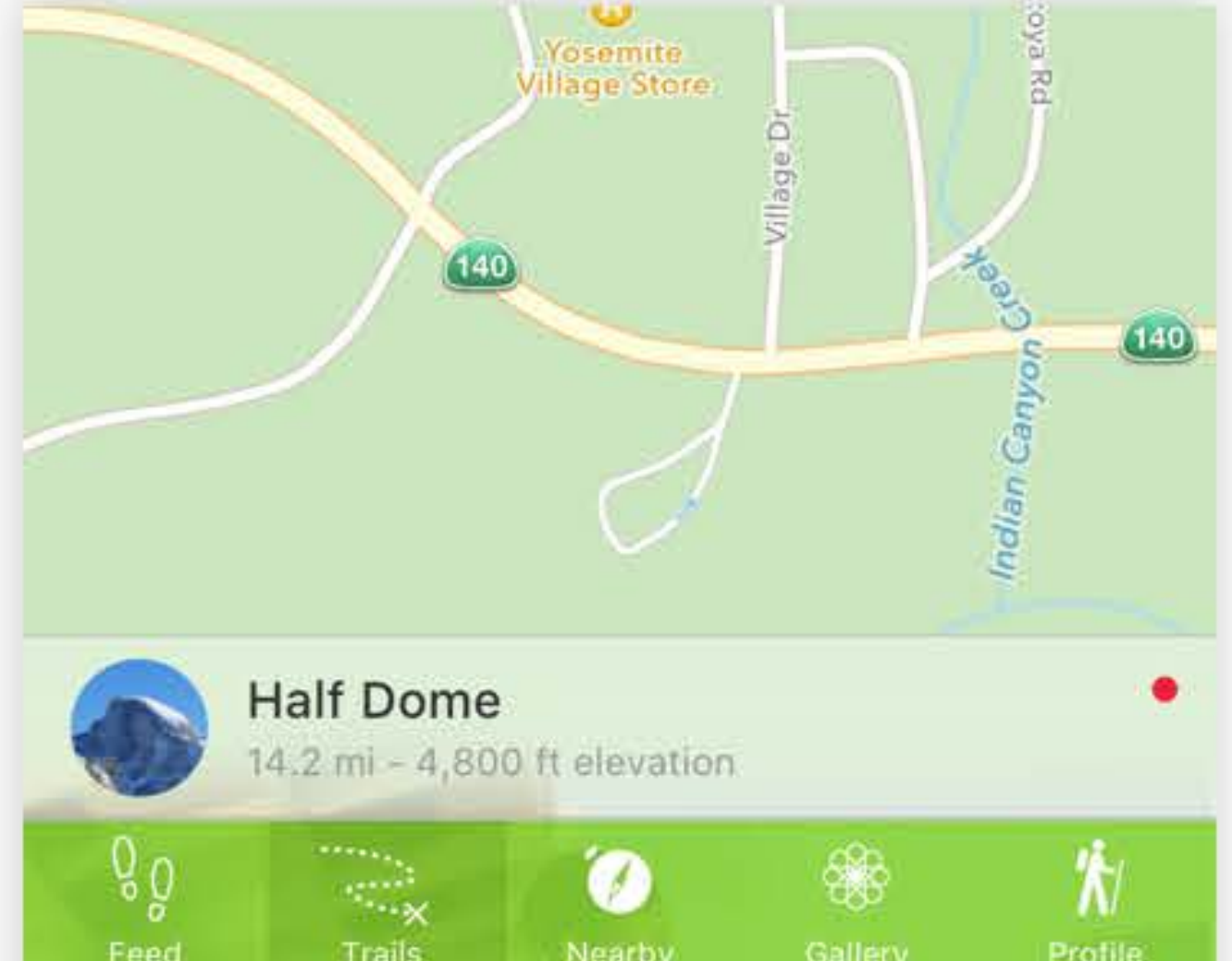
Payam Yousefi 5m ago
2.1.3 (3) · iPhone XS · iOS 13.0
It's not very clear to me where the trails are located on the map.



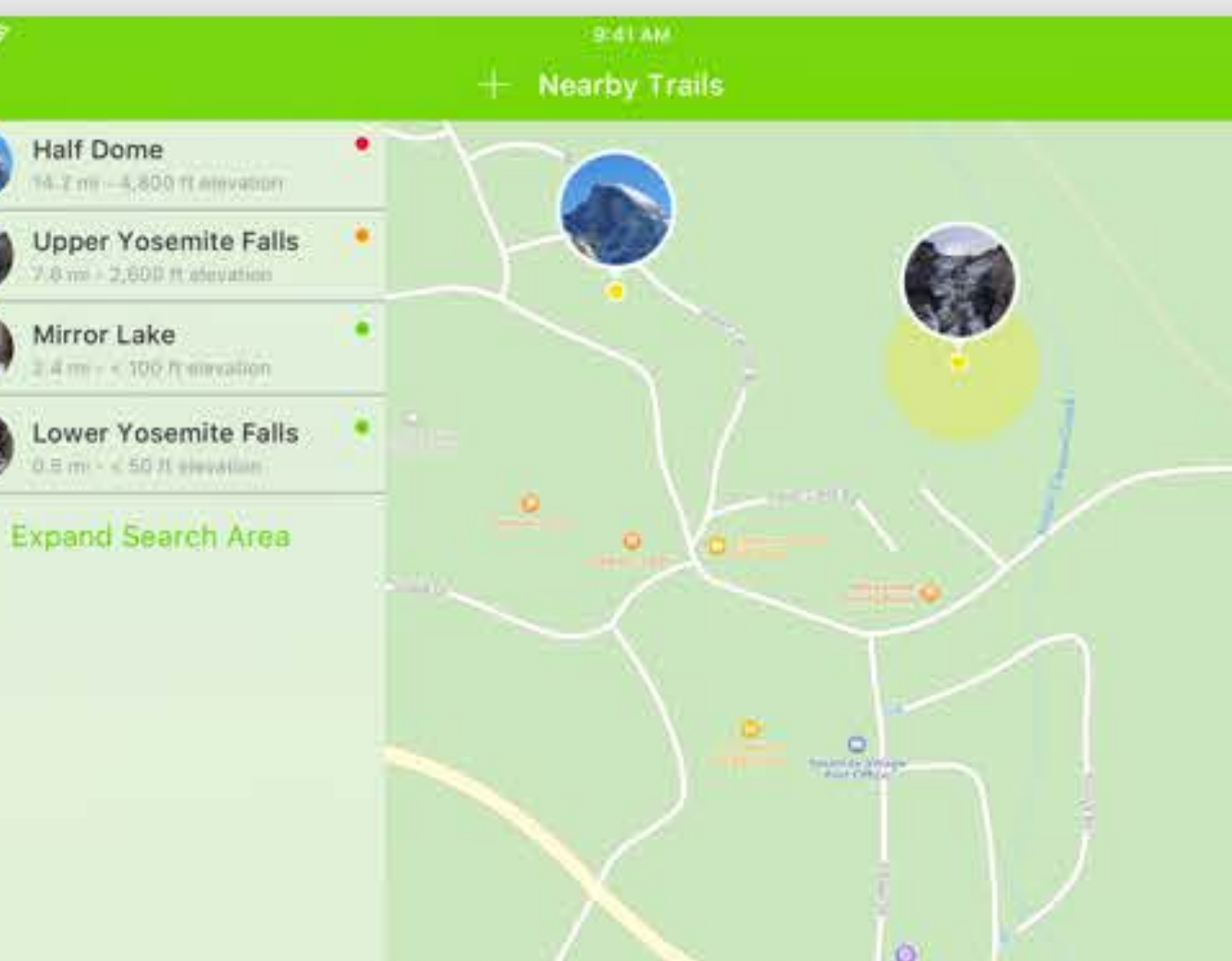
Payam Yousefi 5m ago
2.1.3 (3) · iPhone XS · iOS 13.0
The pictures in the Photo Feed are distorted.



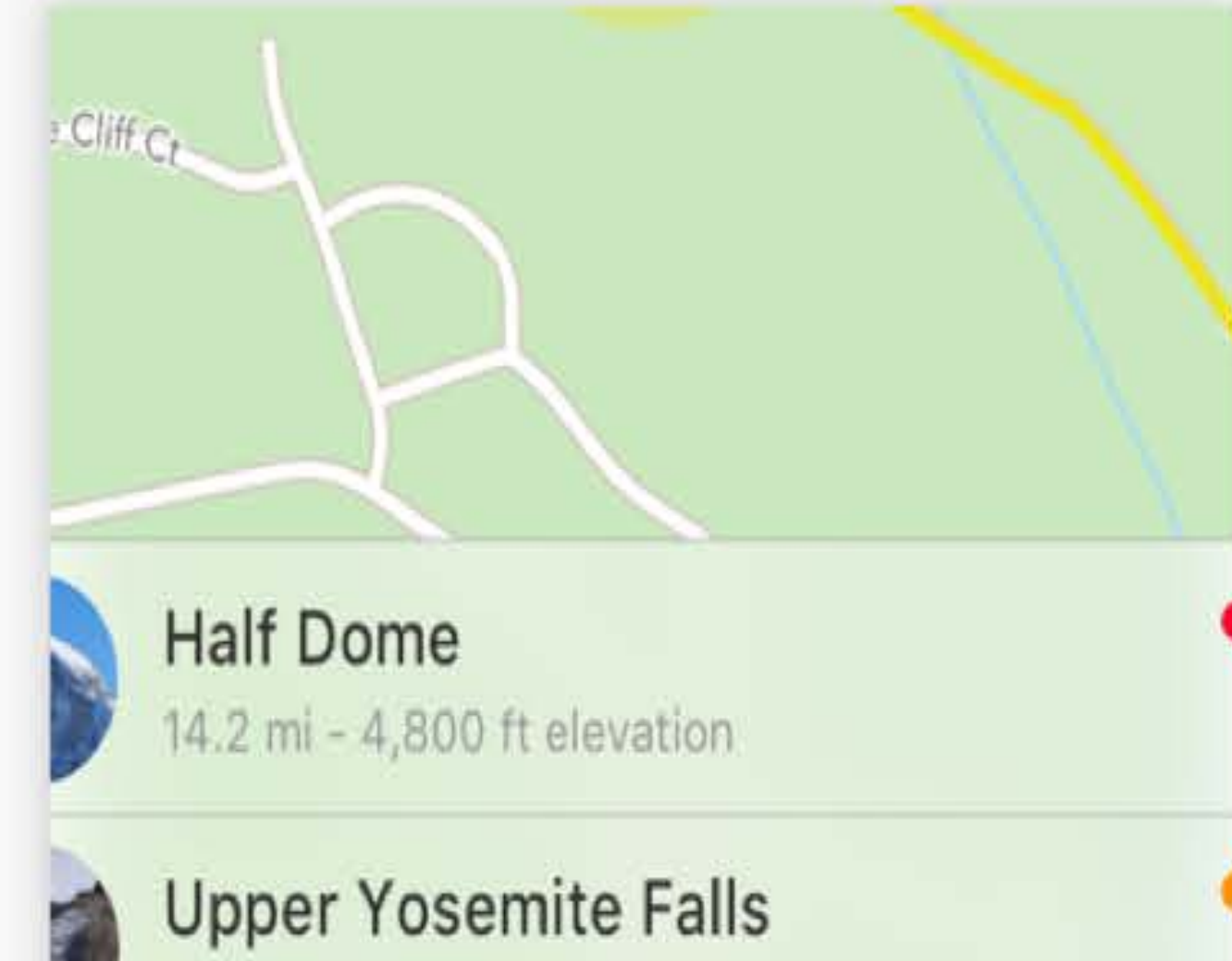
Dave Elfving 35m ago
2.1.3 (3) · iPhone XS · iOS 13.0
The "Forest Explorer" typeface is off-centered and looks too large and off..



Peter Jupp 1d ago
2.1.3 (3) · iPhone XS · iOS 13.0



Cindy Cheung 1d ago
2.1.3 (3) · iPad Air 2 · iOS 13.0



Cindy Cheung 1d ago
2.1.3 (3) · iPhone SE · iOS 13.0

App Store Connect My Apps Forest Explorer John Appleseed Nature Lab

App Store Features TestFlight Activity App Analytics Sales and Trends

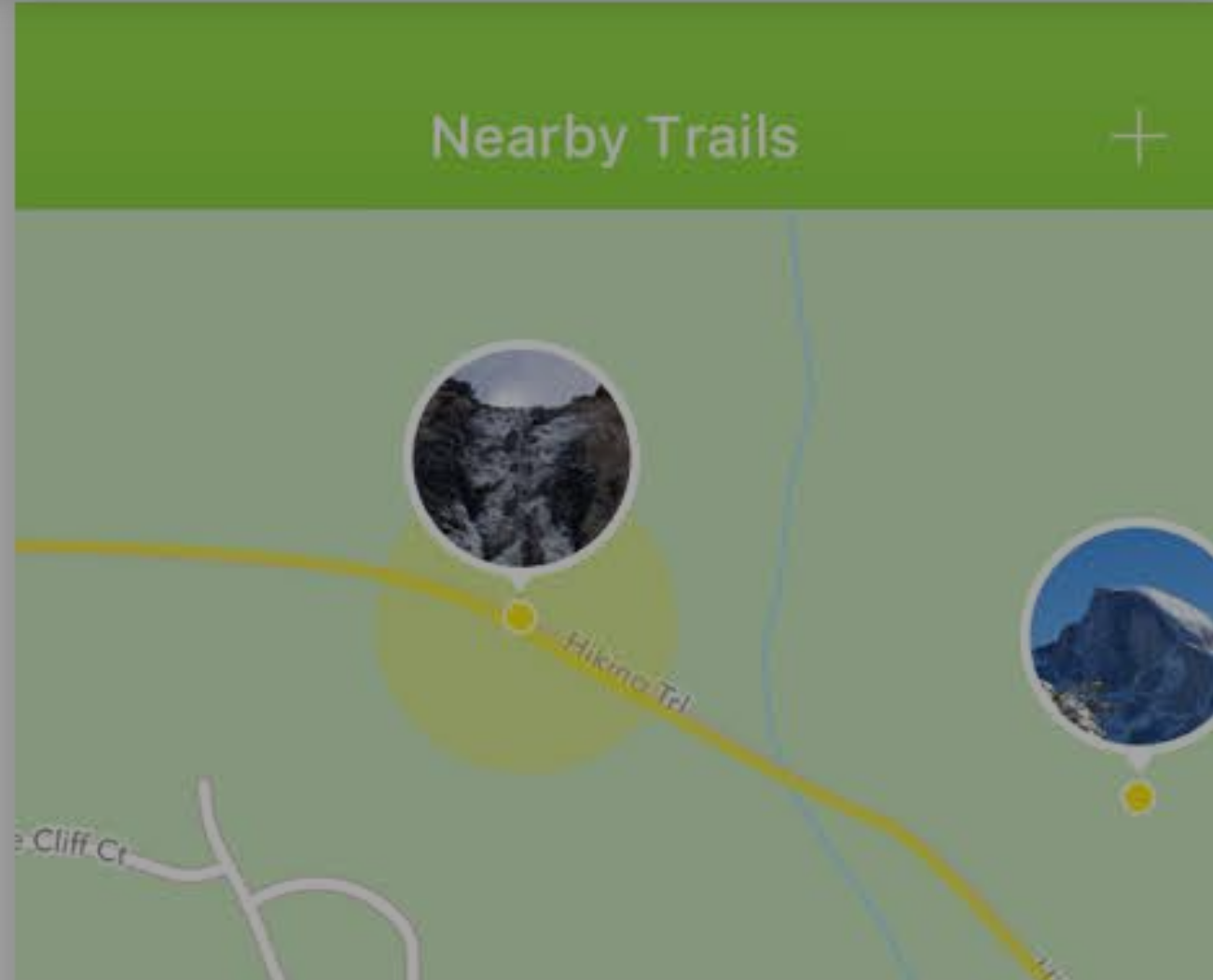
BUILDS iOS tvOS FEEDBACK Crashes Screenshots TESTERS & GROUPS All Testers App Store Connect Users Beta Testers Friends and Family Stakeholders WWDC NEW GROUP APP INFORMATION Test Information About TestFlight Data

Screenshot Feedback

View the latest feedback from your testers.

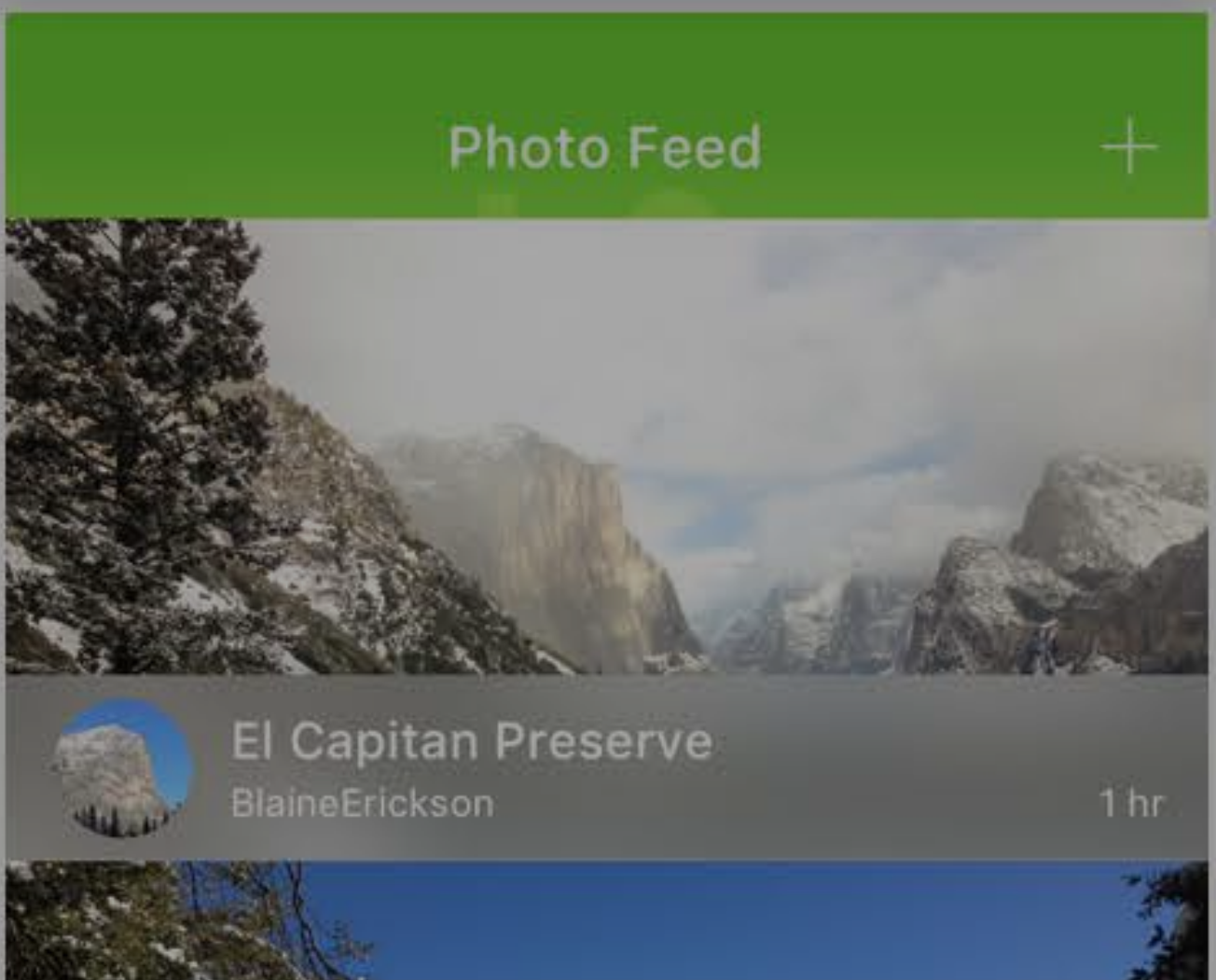
Version 2.1.3 All Builds All iOS Versions All Devices All Groups

Nearby Trails +



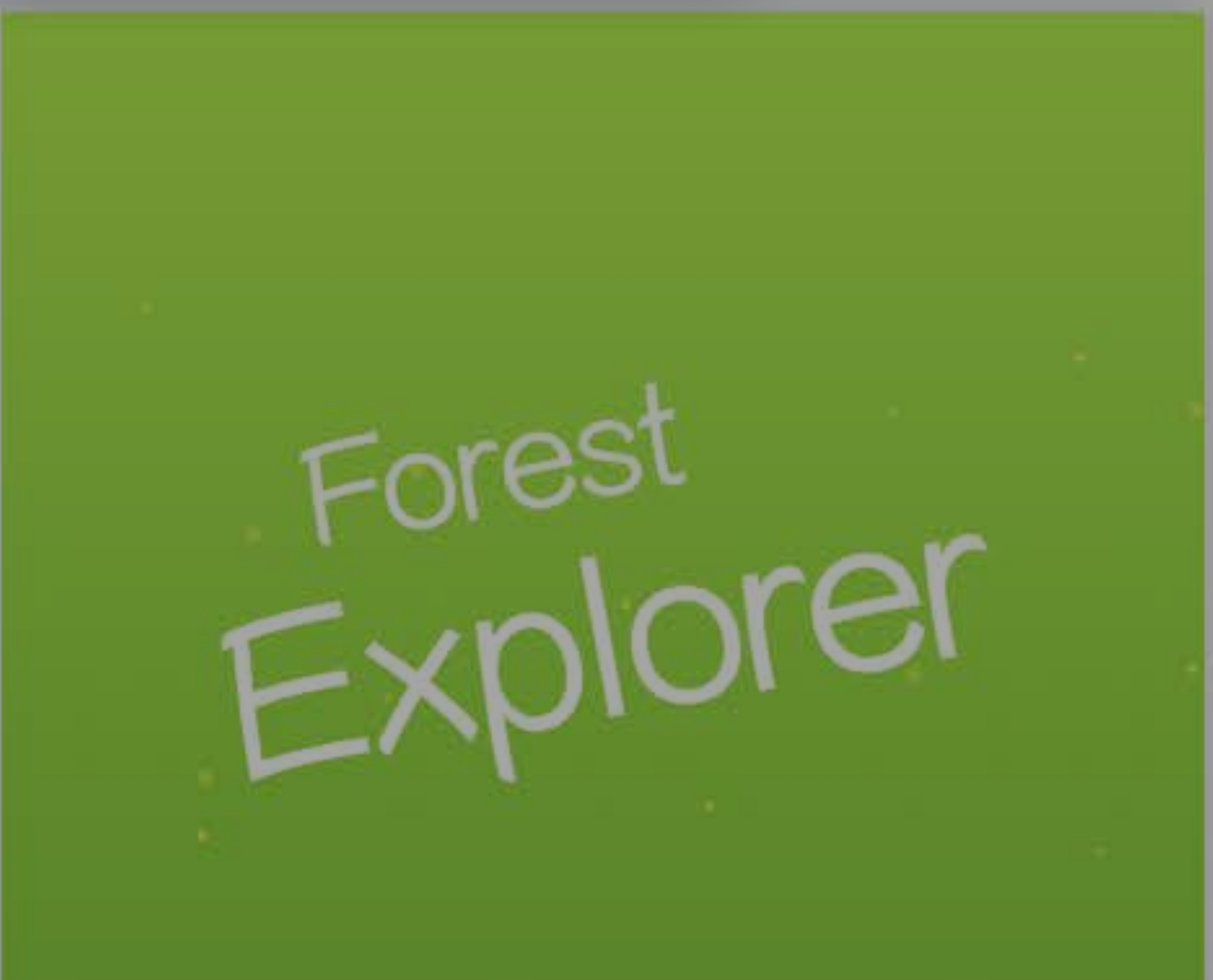
Payam Yousefi 5m ago
2.1.3 (3) · iPhone XS · iOS 13.0
It's not very clear to me where the trails are located on the map.

Photo Feed +



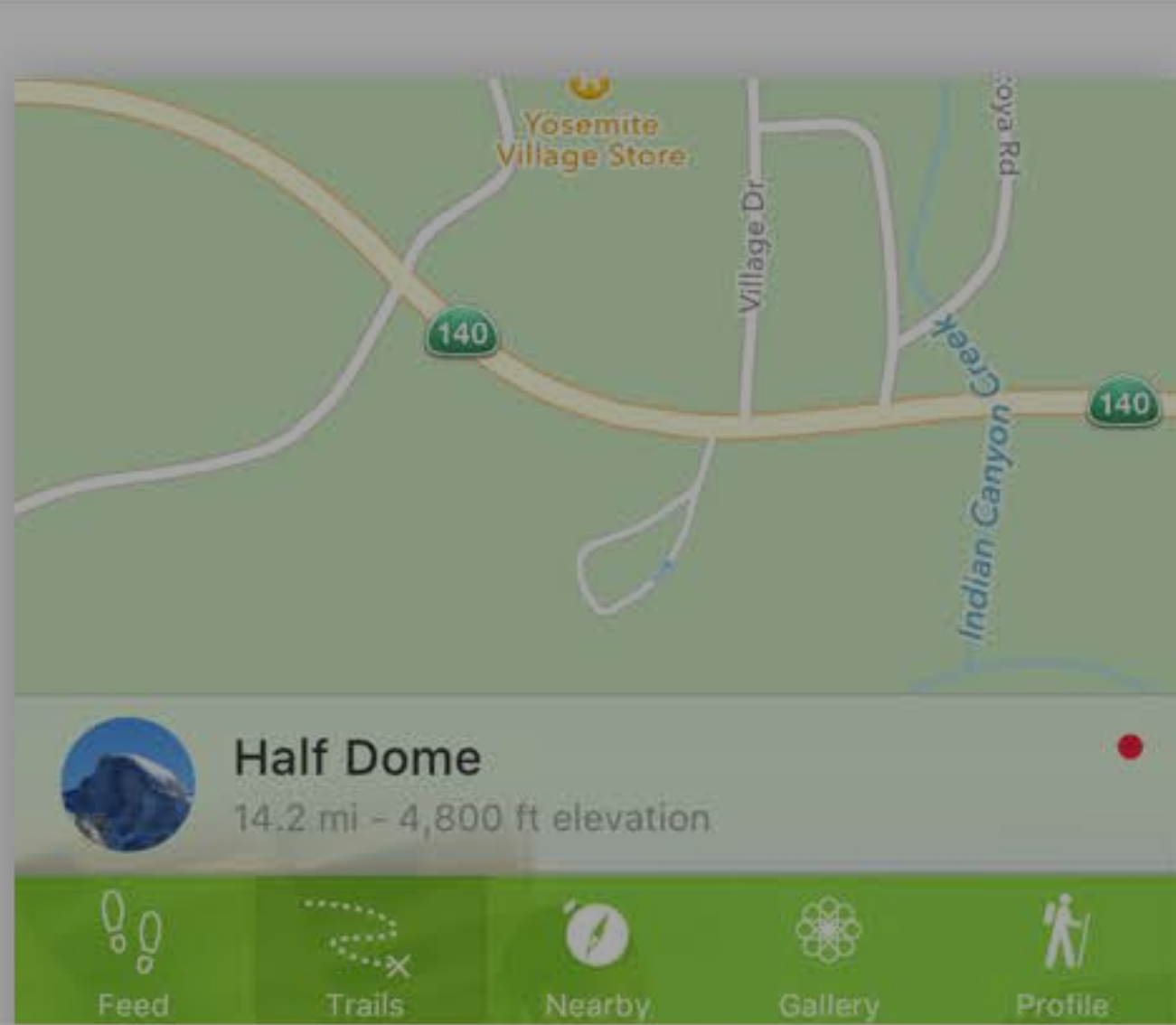
Payam Yousefi 5m ago
2.1.3 (3) · iPhone XS · iOS 13.0
The pictures in the Photo Feed are distorted.

Forest Explorer



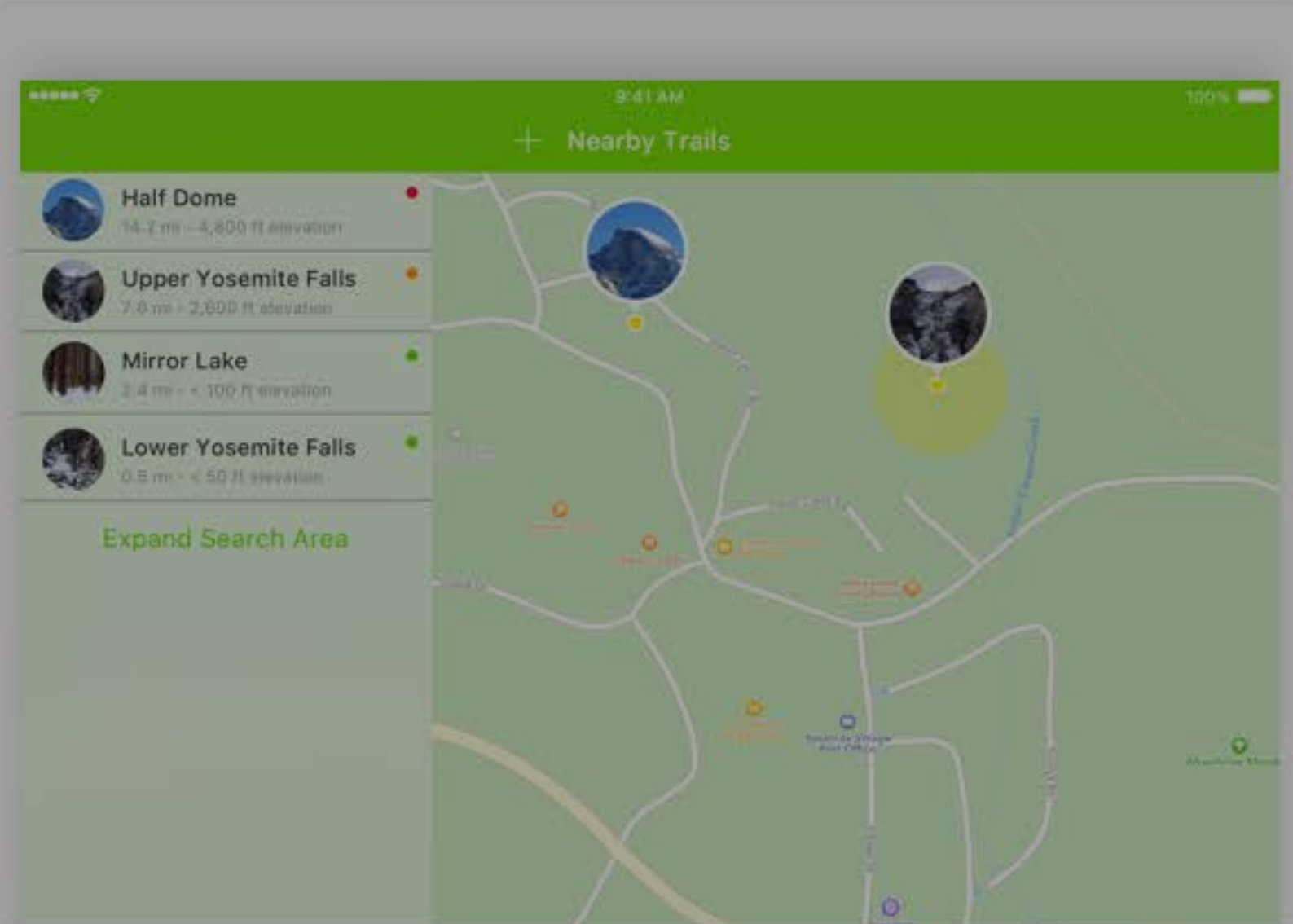
Dave Elfving 35m ago
2.1.3 (3) · iPhone XS · iOS 13.0
The "Forest Explorer" typeface is off-centered and looks too large and off..

Half Dome
14.2 mi - 4,800 ft elevation



Peter Jupp 1d ago
2.1.3 (3) · iPhone XS · iOS 13.0

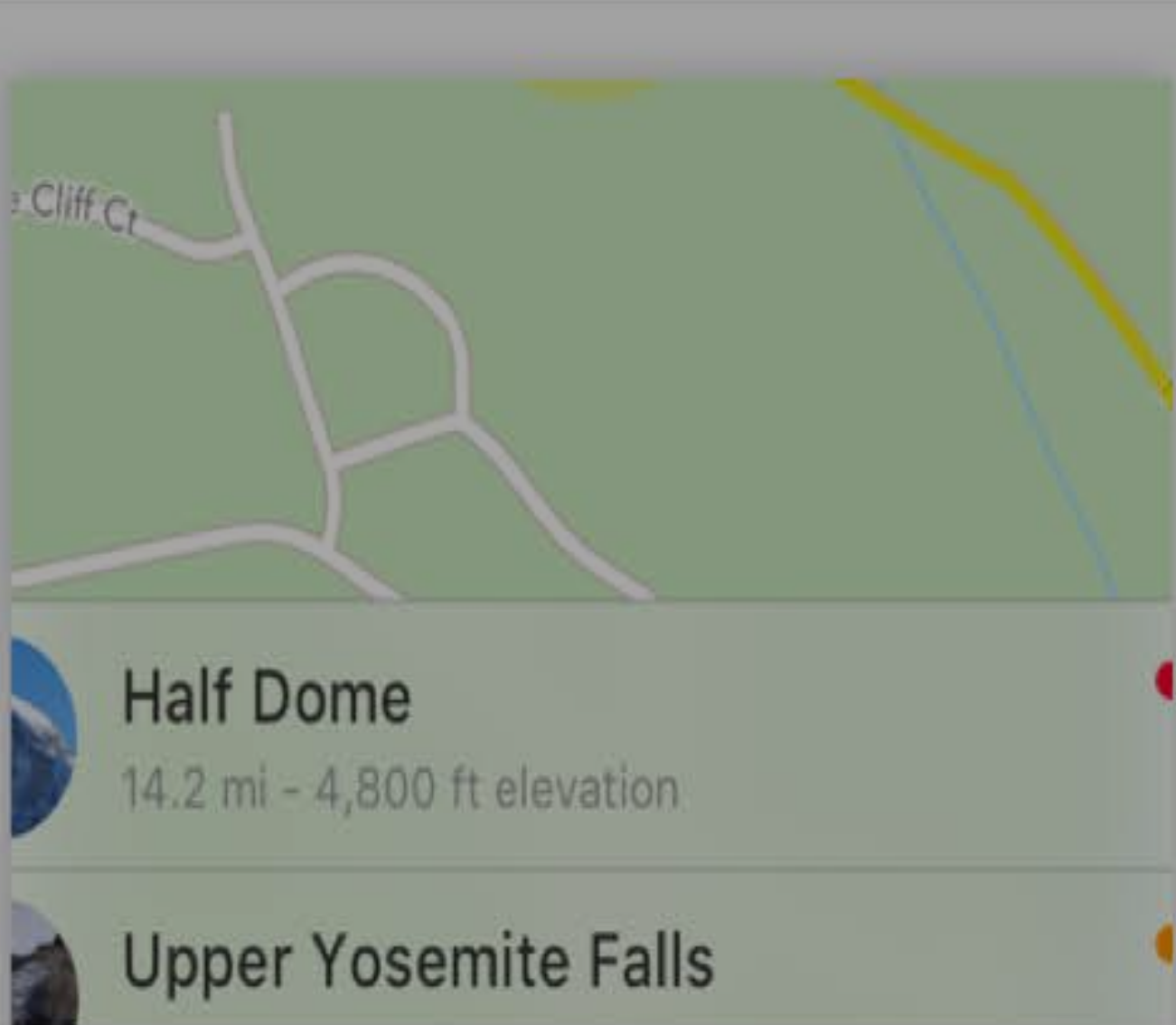
Nearby Trails +



Cindy Cheung 1d ago
2.1.3 (3) · iPad Air 2 · iOS 13.0

Half Dome
14.2 mi - 4,800 ft elevation

Upper Yosemite Falls



Cindy Cheung 1d ago
2.1.3 (3) · iPhone SE · iOS 13.0

App Store Connect My Apps Forest Explorer John Appleseed Nature Lab

App Store Features **TestFlight** Activity App Analytics Sales and Trends

BUILDS
iOS
tvOS

FEEDBACK
Crashes
Screenshots

TESTERS & GROUPS
All Testers
App Store Connect Users
Beta Testers
Friends and Family
Stakeholders
WWDC
NEW GROUP (+)

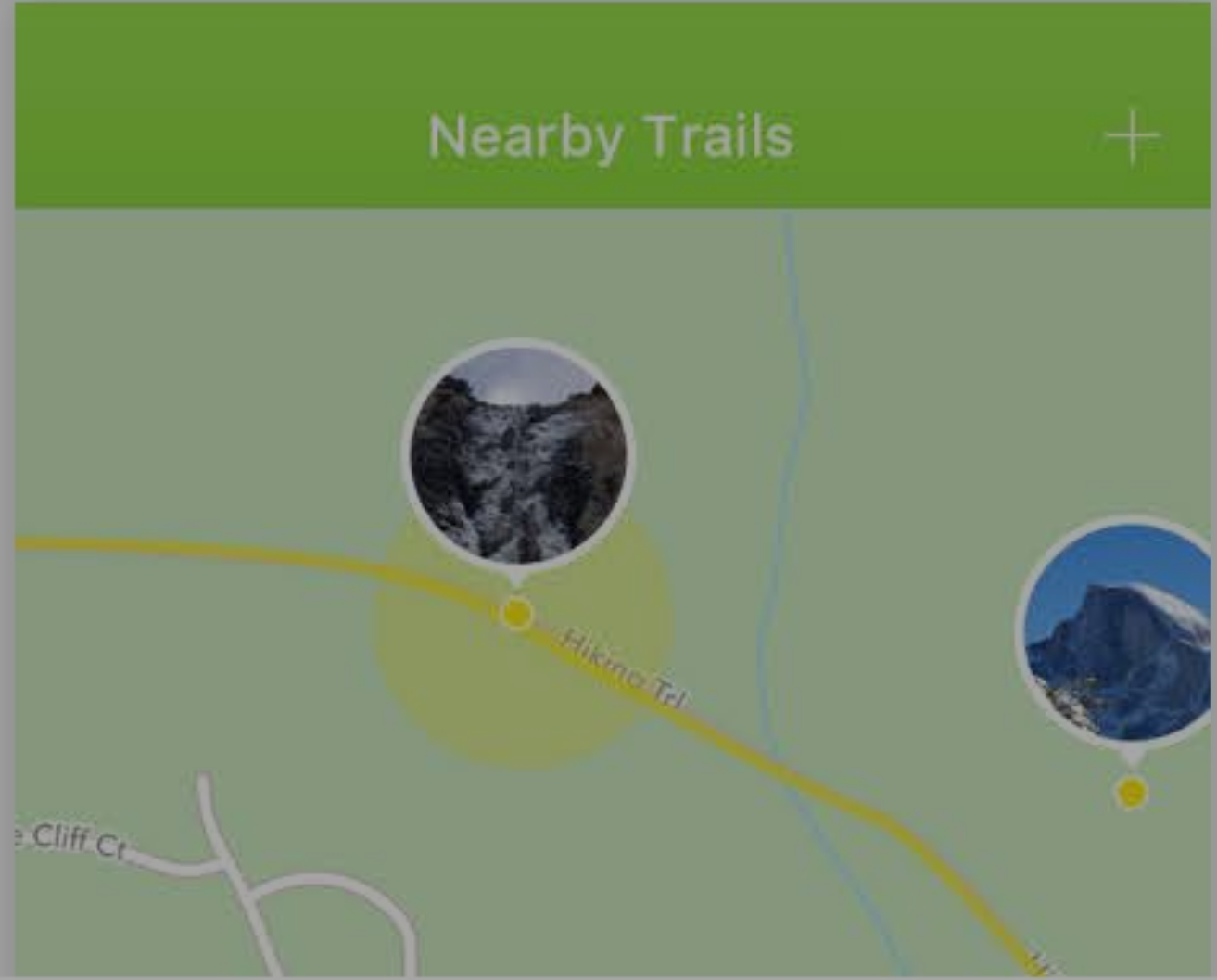
APP INFORMATION
Test Information
About TestFlight Data (?)

Screenshot Feedback

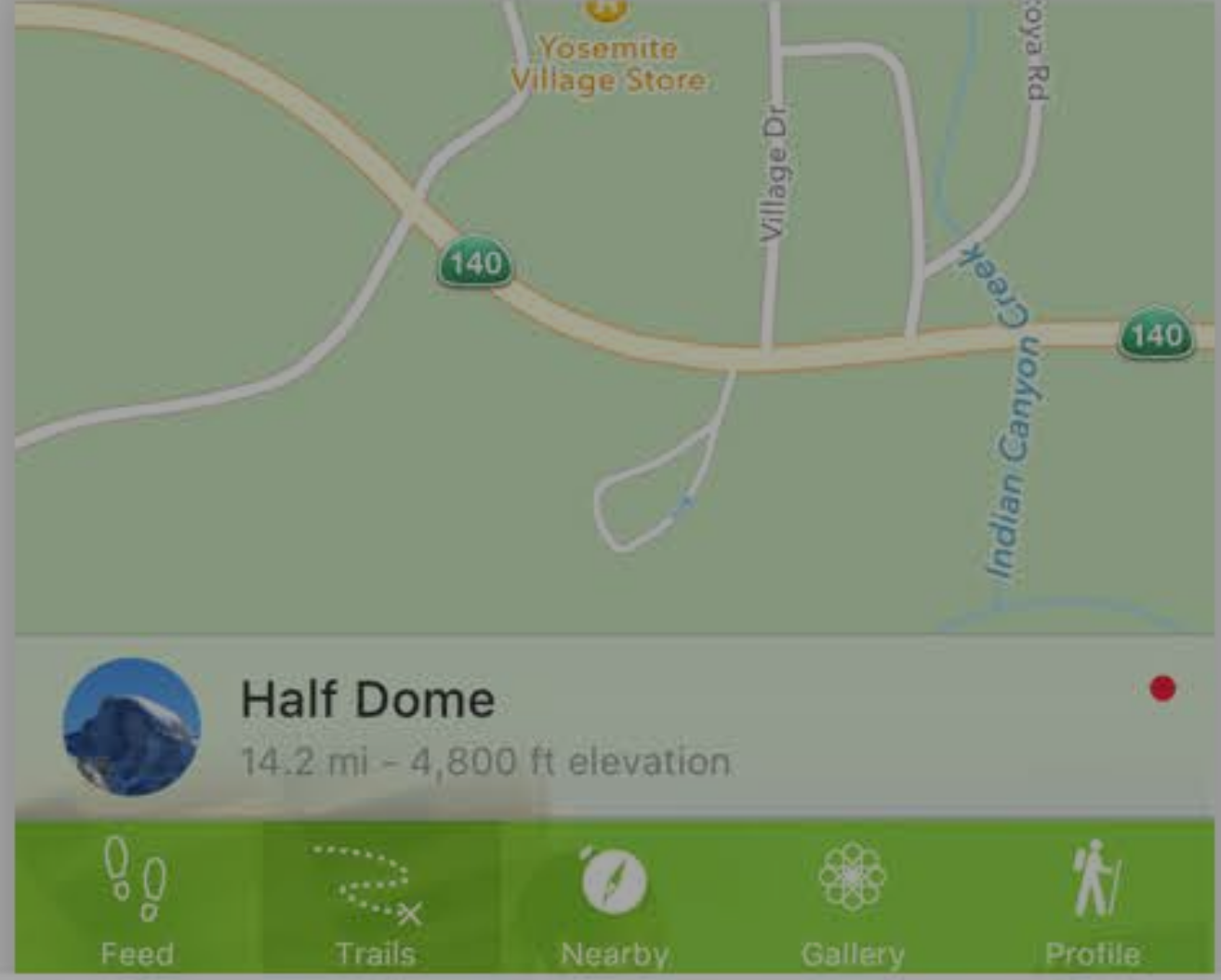
View the latest feedback from your testers.

Version 2.1.3 All Builds All iOS Versions All Devices All Groups

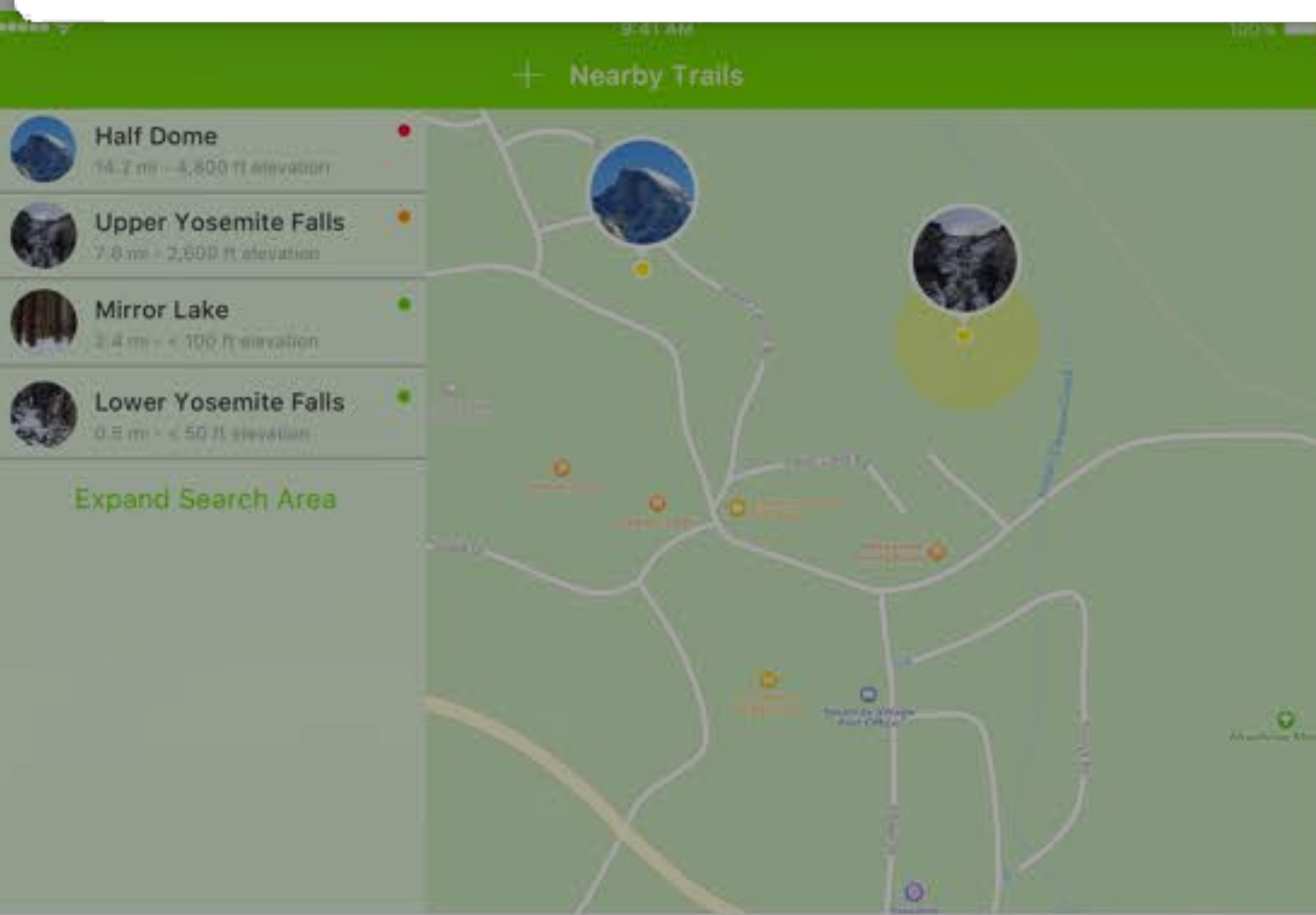
- iPhone XR
- iPhone XS Max
- iPhone XS
- iPhone X
- iPhone 8
- iPhone 7 Plus
- iPhone SE
- iPad Pro (12.9-inch)
- iPad Pro (11-inch)
- iPad Air 2



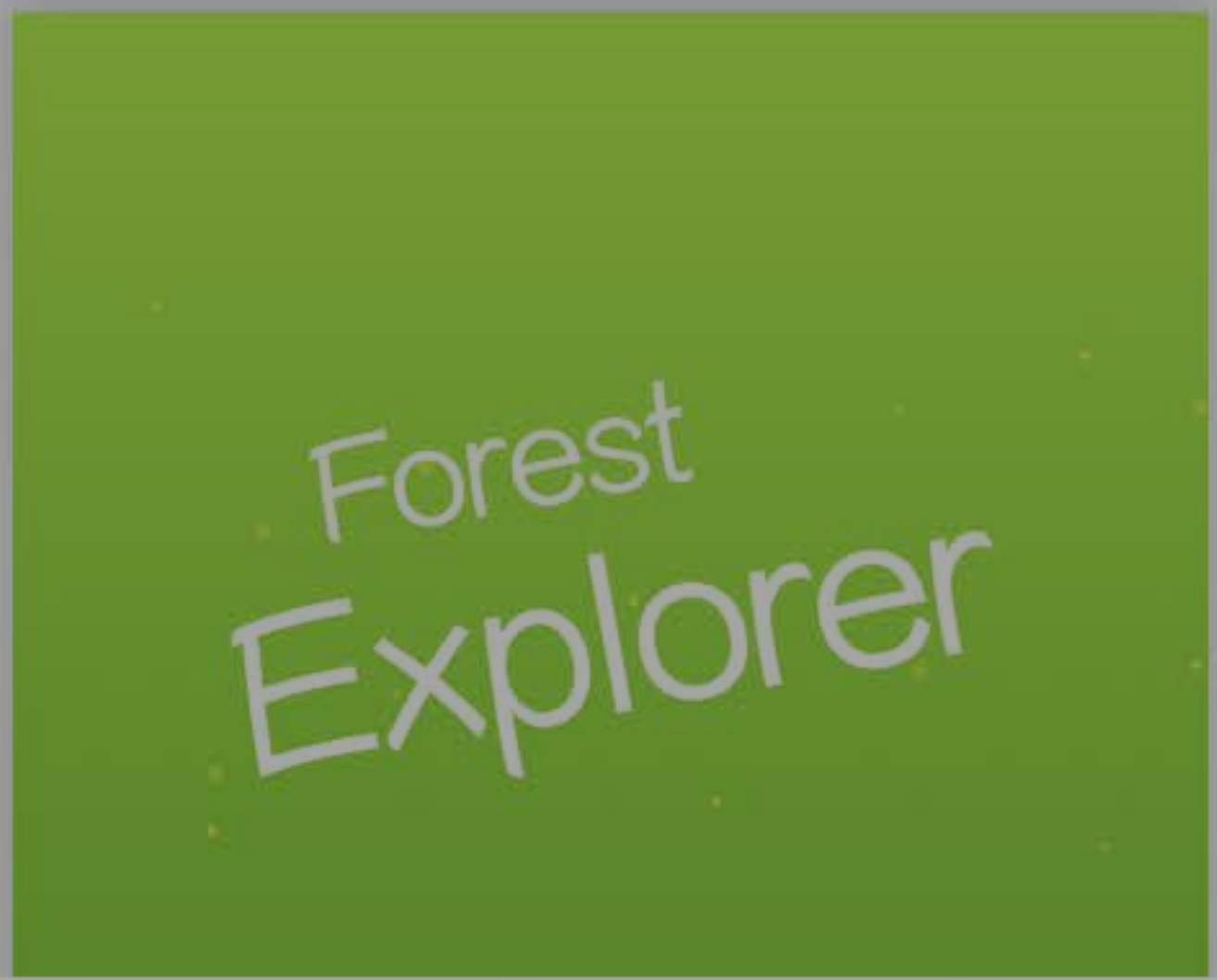
Payam Yousefi 5m ago
2.1.3 (3) · iPhone XS · iOS 13.0
It's not very clear to me where the trails are located on the map.



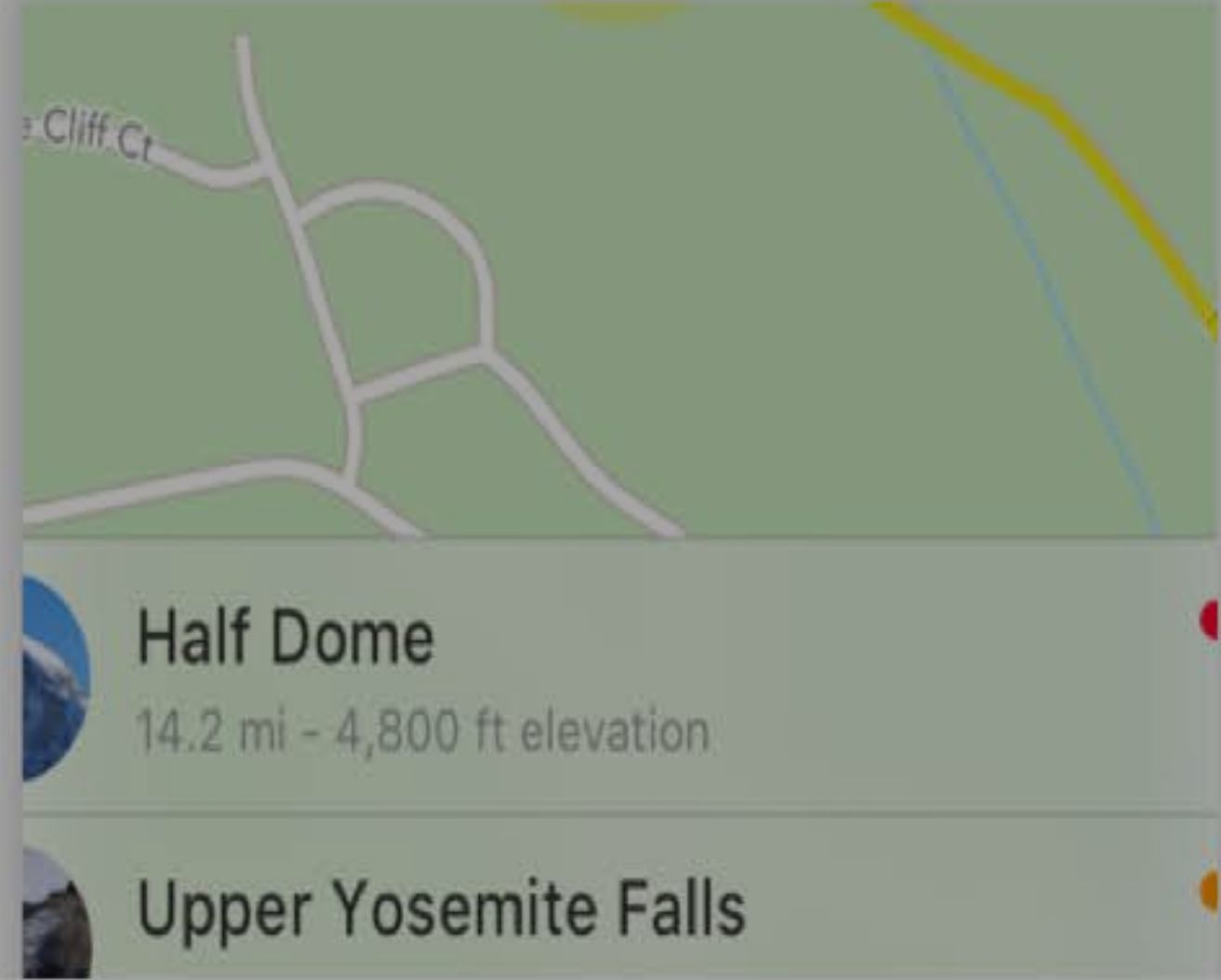
Peter Jupp 1d ago
2.1.3 (3) · iPhone XS · iOS 13.0



Cindy Cheung 1d ago
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Dave Elfving 35m ago
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Cindy Cheung 1d ago
2.1.3 (3) · iPhone SE · iOS 13.0

appstoreconnect.apple.com

App Store Connect My Apps ▾ Forest Explorer ▾ John Appleseed ▾ Nature Lab ?

App Store Features TestFlight Activity App Analytics Sales and Trends

BUILDS

iOS tvOS

FEEDBACK

Crashes

Screenshots

TESTERS & GROUPS

All Testers

App Store Connect Users

Beta Testers

Friends and Family

Stakeholders

WWDC

NEW GROUP (+)

APP INFORMATION

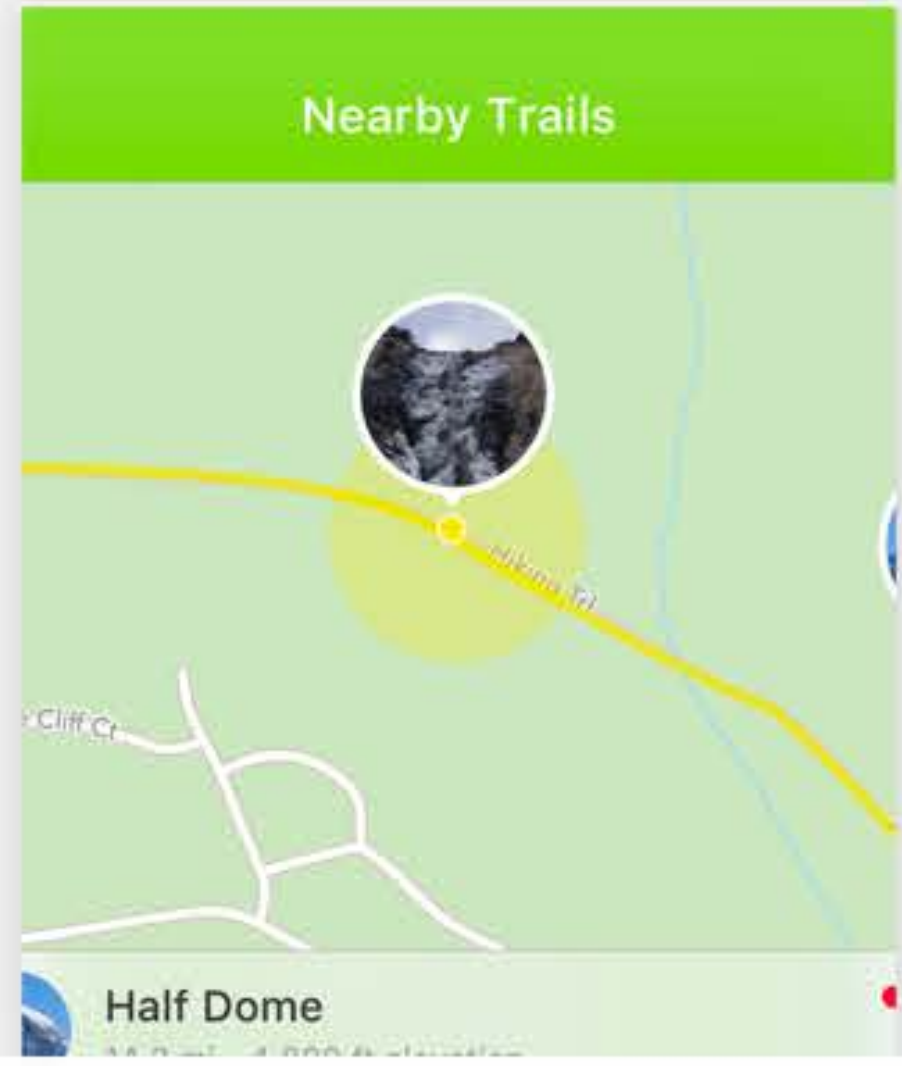
Test Information

About TestFlight Data ?

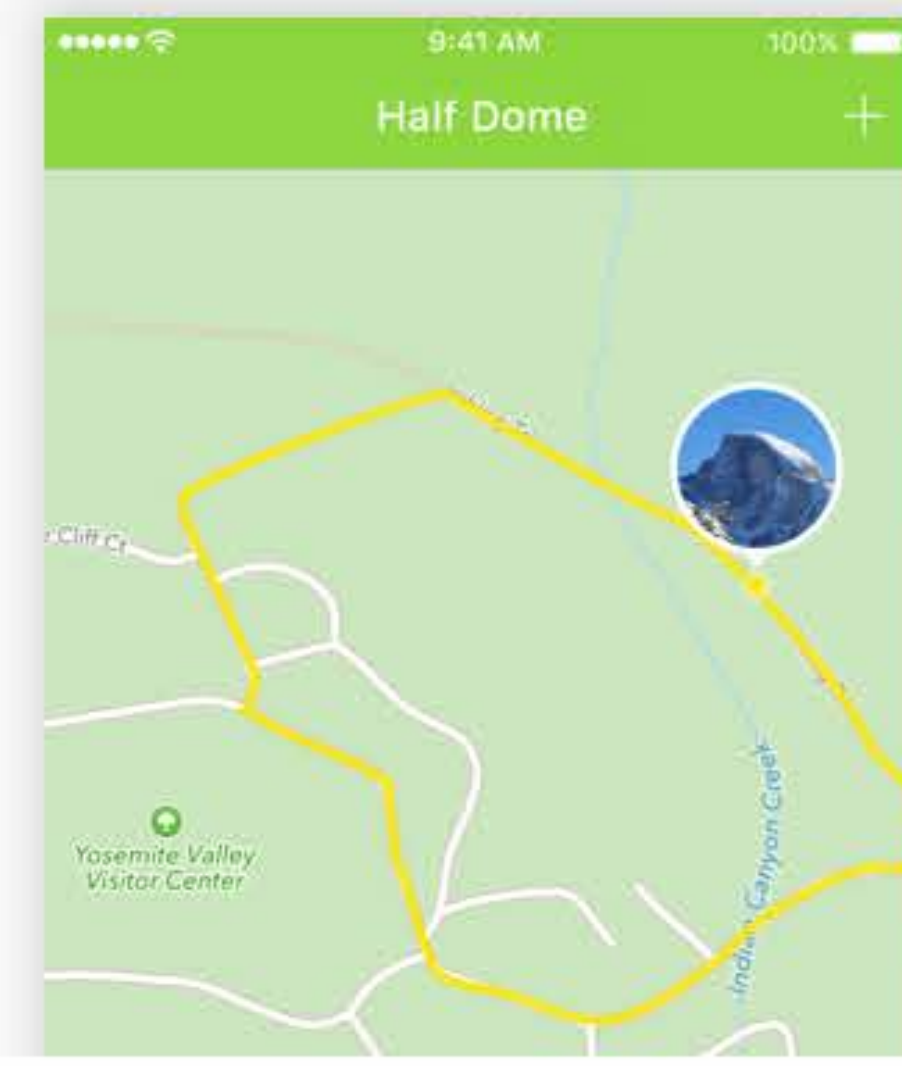
Screenshot Feedback

View the latest feedback from your testers.

Version 2.1.3 ▾ All Builds ▾ All iOS Versions ▾ iPhone SE ▾ All Groups ▾



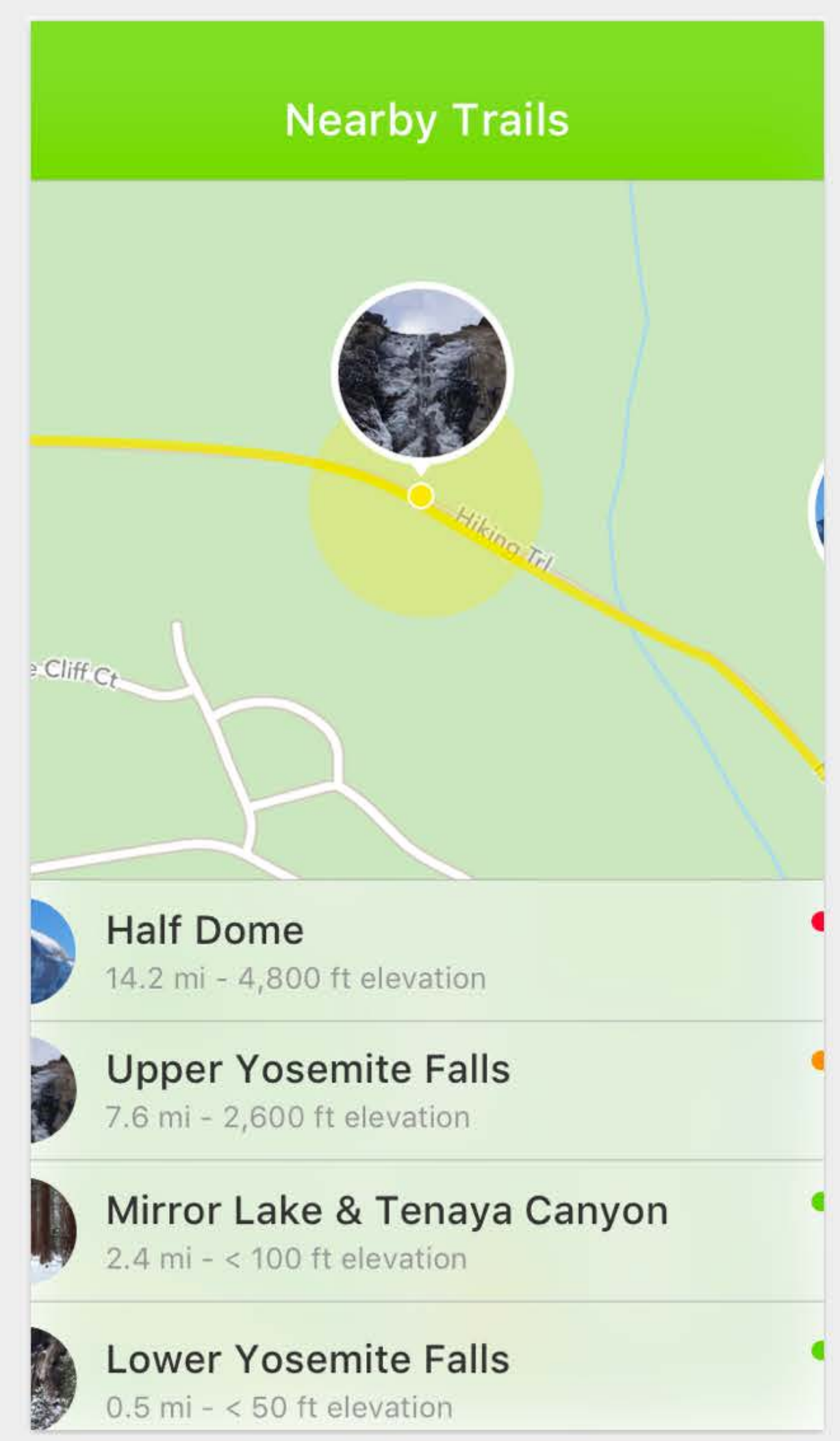
Cindy Cheung 1d ago
2.1.3 (3) · iPhone SE · iOS 13.0
The cropping of this screen could be improved. I can't see the full image ...



Cindy Cheung 2d ago
2.1.3 (3) · iPhone SE · iOS 13.0
The tabs at the bottom of the screen are too small. I can't tap on...

- BUILDS
- iOS
- tvOS
- FEEDBACK
- Crashes
- Screenshots**
- TESTERS & GROUPS
- All Testers
- App Store Connect Users
- Beta Testers
- Friends and Family
- Stakeholders
- WWDC
- NEW GROUP (+)
- APP INFORMATION
- Test Information
- About TestFlight Data ?

Screenshot Feedback from Cindy Cheung

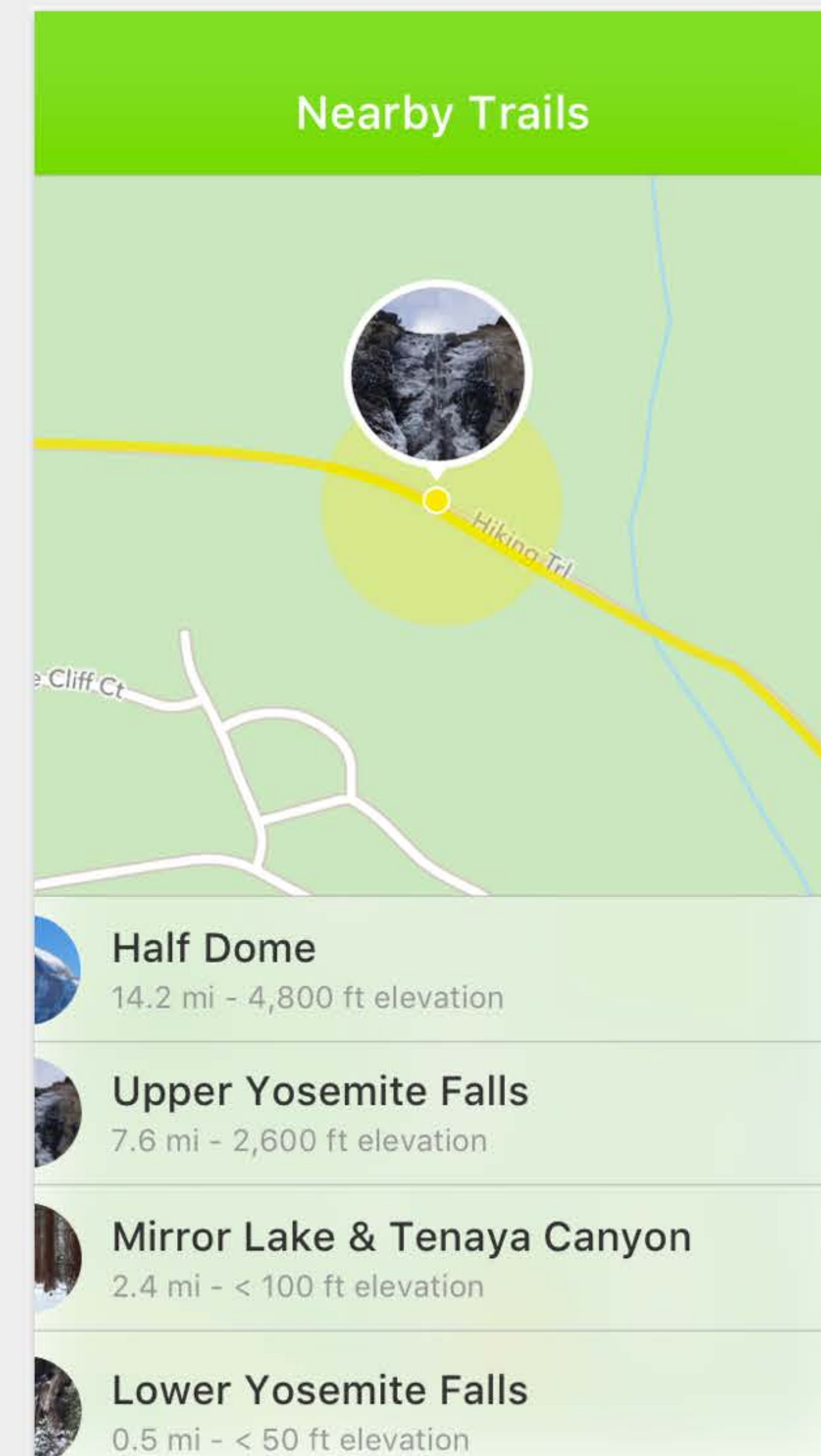


The cropping of this screen could be improved. I can't see the full image of the trails, and I can't tell what the status is. Please fix!

Submitted	Email	Group
Jun 4, 2019 at 9:41 AM	cindy_cheung@icloud.com	Friends and Family

[Delete](#) [OK](#)

Screenshot Feedback from Cindy Cheung



The cropping of this screen could be improved. I can't see the full image of the trails, and I can't tell what the status is. Please fix!

Submitted

Jun 4, 2019 at 9:41 AM

Email

cindy_cheung@icloud.com

Group

Friends and Family

Delete

OK

Screenshot Feedback from Cindy Cheung



The cropping of this screen could be improved. I can't see the full image of the trails, and I can't tell what the status is. Please fix!

Submitted

Jun 4, 2019 at 9:41 AM

Email

cindy_cheung@icloud.com

Group

Friends and Family

App

App Version

2.1.3 (3)

Uptime [?]

1 Minute

Device

Device

iPhone SE

iOS Version

iOS 13.0

Battery

78%

Delete

OK

Screenshot Feedback from Cindy Cheung



Submitted

Jun 4, 2019 at 9:41 AM

Email

cindy_cheung@icloud.com

Group

Friends and Family

App

App Version

2.1.3 (3)

Uptime

1 Minute

Device

Device

iPhone SE

iOS Version

13.0

Battery

78%

Carrier

AT&T

Timezone

America/Los_Angeles

Architecture ?

ARM64

Connection Type

Wi-Fi

Disk Free

5.4 GB available of 30.96 GB

Screen Resolution

320pts by 568pts

Delete

OK

Screenshot Feedback from Cindy Cheung



Submitted

From

Group

Jun 4, 2019 at 9:41 AM

cindy_cheung@icloud.com

Friends and Family

App

App Version

Uptime

2.1.3 (3)

1 Minute

Device

Device

iOS Version

Battery

iPhone SE

13.0

78%

Carrier

Timezone

Architecture ?

AT&T

America/Los_Angeles

ARM64

Connection Type

Disk Free

Screen Resolution

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5.4 GB available of 30.96 GB

320pts by 568pts

Delete

OK

Screenshot Feedback from Cindy Cheung



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Group

Jun 4, 2019 at 9:41 AM

cindy_cheung@icloud.com

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App Version

Uptime

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1 Minute

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Architecture ?

AT&T

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Disk Free

Screen Resolution

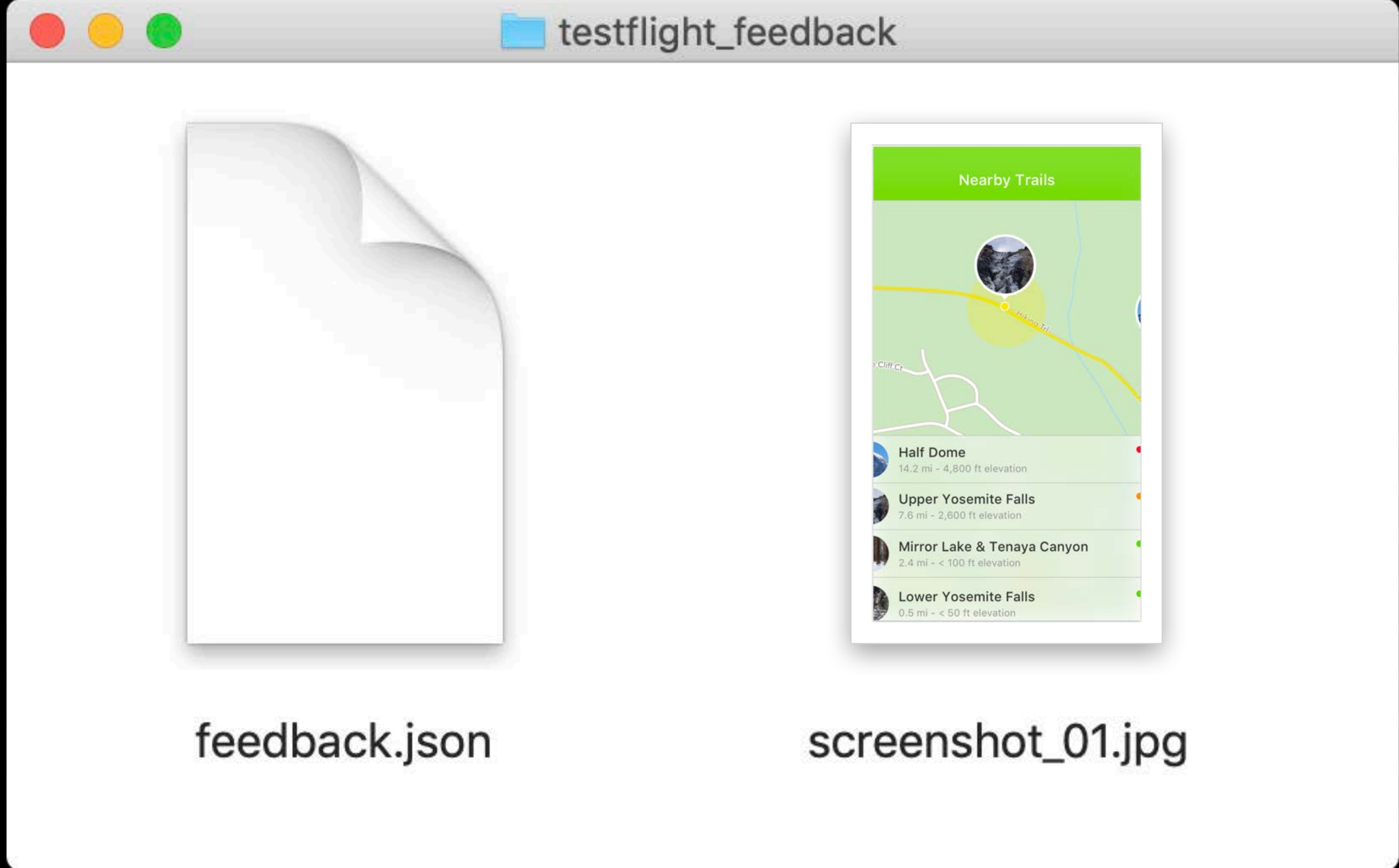
Wi-Fi

5.4 GB available of 30.96 GB

320pts by 568pts

Delete

OK



feedback.json

screenshot_01.jpg

App Store Connect [My Apps](#) Forest Explorer John Appleseed Nature Lab

App Store Features **TestFlight** Activity App Analytics

BUILDS

iOS tvOS

FEEDBACK

Crashes Screenshots

TESTERS & GROUPS

All Testers App Store Connect Users

Beta Testers Friends and Family Stakeholders

WWDC

NEW GROUP

APP INFORMATION

Test Information About TestFlight Data

WWDC [Edit](#)

You can add anyone to this group, and they can test builds using the TestFlight app. Builds may need approval from Beta App Review.

Tester Management ?

Public Link ? <https://testflight.apple.com/join/AbcXYZR1> [Disable Link](#) | [Copy Link](#) **Tester Count ?** 4 [Set Limit](#)

Tester Feedback ? [Disable](#)

Testers (12) [Download](#) [Edit](#)

Invitation Type	Name	Status ^	Sessions ?	Crashes ?	Feedback ?
bmeenakshisundran@icloud.com	Meenakshisundran	Installed 2.1.3 (3) Mar 15, 2019	8	1	0
cindy_cheung@icloud.com	Cindy Cheung	Installed 2.1.3 (3) Mar 10, 2019	24	2	3
lee_stella@icloud.com	Stella Lee	Installed 2.1.3 (3) Mar 10, 2019	3	0	0
Public Link	Anonymous	Installed 2.1.3 (3) Mar 10, 2019	12	3	5
j_appleseed@icloud.com	John Appleseed	Installed 2.1.3 (3) Mar 10, 2019	32	1	4
cnthia.fong@icloud.com	Cynthia Fong	Installed 2.1.3 (3)	3	1	1

appstoreconnect.apple.com

App Store Connect My Apps Forest Explorer John Appleseed Nature Lab

App Store Features **TestFlight** Activity App Analytics

BUILDS
iOS
tvOS

FEEDBACK
Crashes
Screenshots

TESTERS & GROUPS
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Public Link ? <https://testflight.apple.com/join/AbcXYZR1> [Disable Link](#) | [Copy Link](#) Tester Count ?
4 [Set Limit](#)

Tester Feedback ?
[Disable](#)

Testers (12) [+](#) [↓](#) [Edit](#)

Invitation Type	Name	Status ^	Sessions ?	Crashes ?	Feedback ?
bmeenakshisundran@icloud.com	Meenakshisundran	Installed 2.1.3 (3) <small>Mar 15, 2019</small>	8	1	0
cindy_cheung@icloud.com	Cindy Cheung	Installed 2.1.3 (3) <small>Mar 10, 2019</small>	24	2	3
lee_stella@icloud.com	Stella Lee	Installed 2.1.3 (3) <small>Mar 10, 2019</small>	3	0	0
Public Link	Anonymous	Installed 2.1.3 (3) <small>Mar 10, 2019</small>	12	3	5
j_appleseed@icloud.com	John Appleseed	Installed 2.1.3 (3) <small>Mar 10, 2019</small>	32	1	4
cnthia.fong@icloud.com	Cynthia Fong	Installed 2.1.3 (3)	3	1	1

App Store Connect My Apps Forest Explorer John Appleseed Nature Lab

App Store Features **TestFlight** Activity App Analytics

BUILDS
iOS
tvOS

FEEDBACK
Crashes
Screenshots

TESTERS & GROUPS
All Testers
App Store Connect Users
Beta Testers
Friends and Family
Stakeholders
WWDC
NEW GROUP +

APP INFORMATION
Test Information
About TestFlight Data ?

Crash Feedback

Crash feedback from iOS 12 or earlier is not available from App Store Connect.

Version 2.1.3 All Builds All iOS Versions All Devices All Groups

Date ^	Build	Device	iOS	Comment
Jun 6, 2019 at 3:09 PM	2.1.3 (3)	iPhone X	13.0	The app can't seem to get past the first loading screen.
Jun 6, 2019 at 3:09 PM	2.1.3 (3)	iPhone X	13.0	
Jun 6, 2019 at 12:57 PM	2.1.3 (3)	iPhone XS	13.0	
Jun 6, 2019 at 11:25 AM	2.1.3 (3)	iPhone XS	13.0	It seems like the Back button always causes the app to crash.
Jun 6, 2019 at 9:41 AM	2.1.3 (3)	iPhone 8	13.0	
Jun 6, 2019 at 7:13 AM	2.1.3 (3)	iPhone XS	13.0	Some maps simply won't load.
Jun 5, 2019 at 9:48 PM	2.1.3 (3)	iPhone XS	13.0	9 out of 10 times, the app is crashing on search.
Jun 5, 2019 at 7:14 PM	2.1.3 (3)	iPhone SE	13.0	
Jun 5, 2019 at 5:23 PM	2.1.3 (3)	iPad Pro (11-inch)	13.0	App keeps crashing on map screen.

13



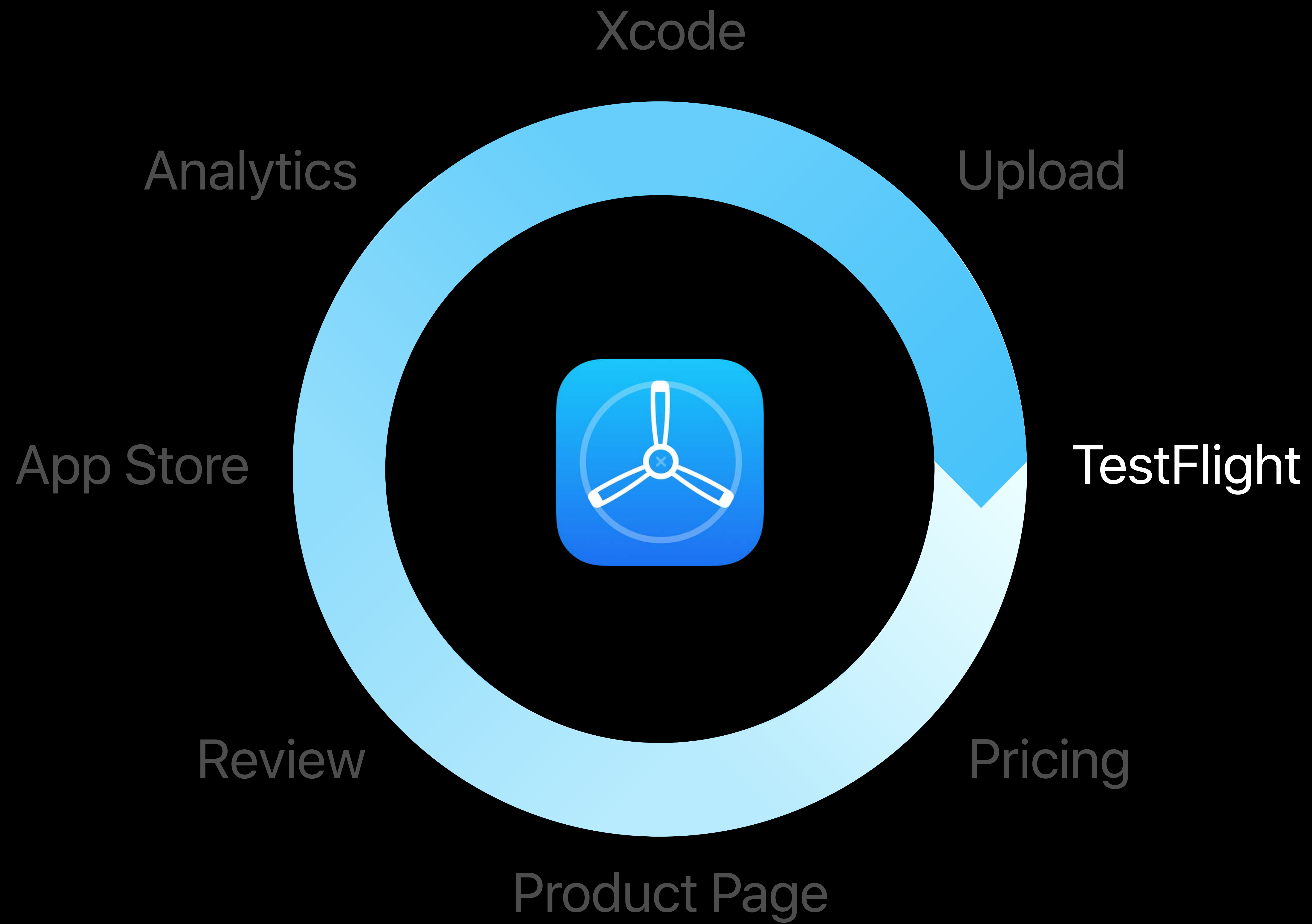
TestFlight



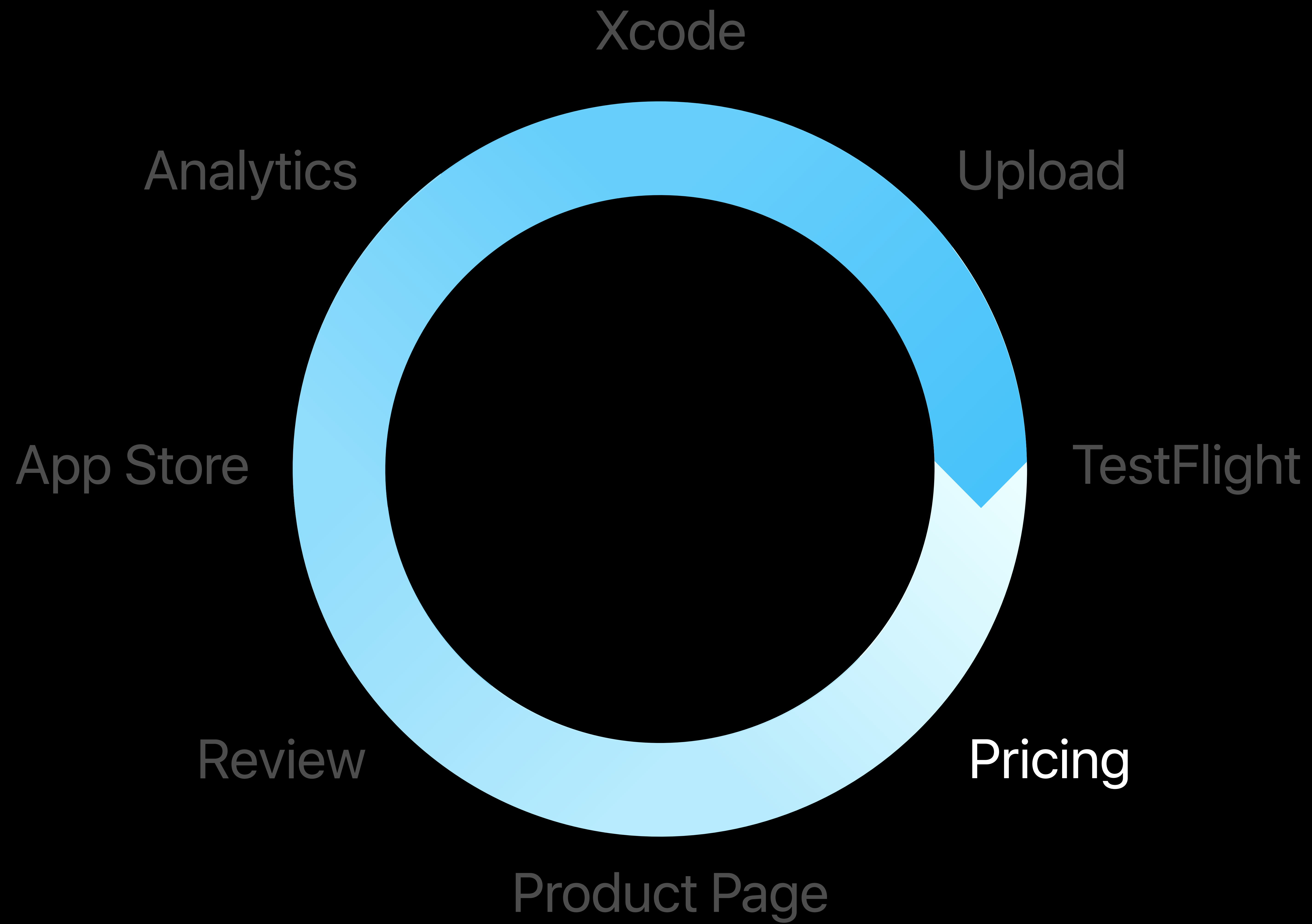
● TestFlight

developer.apple.com/download

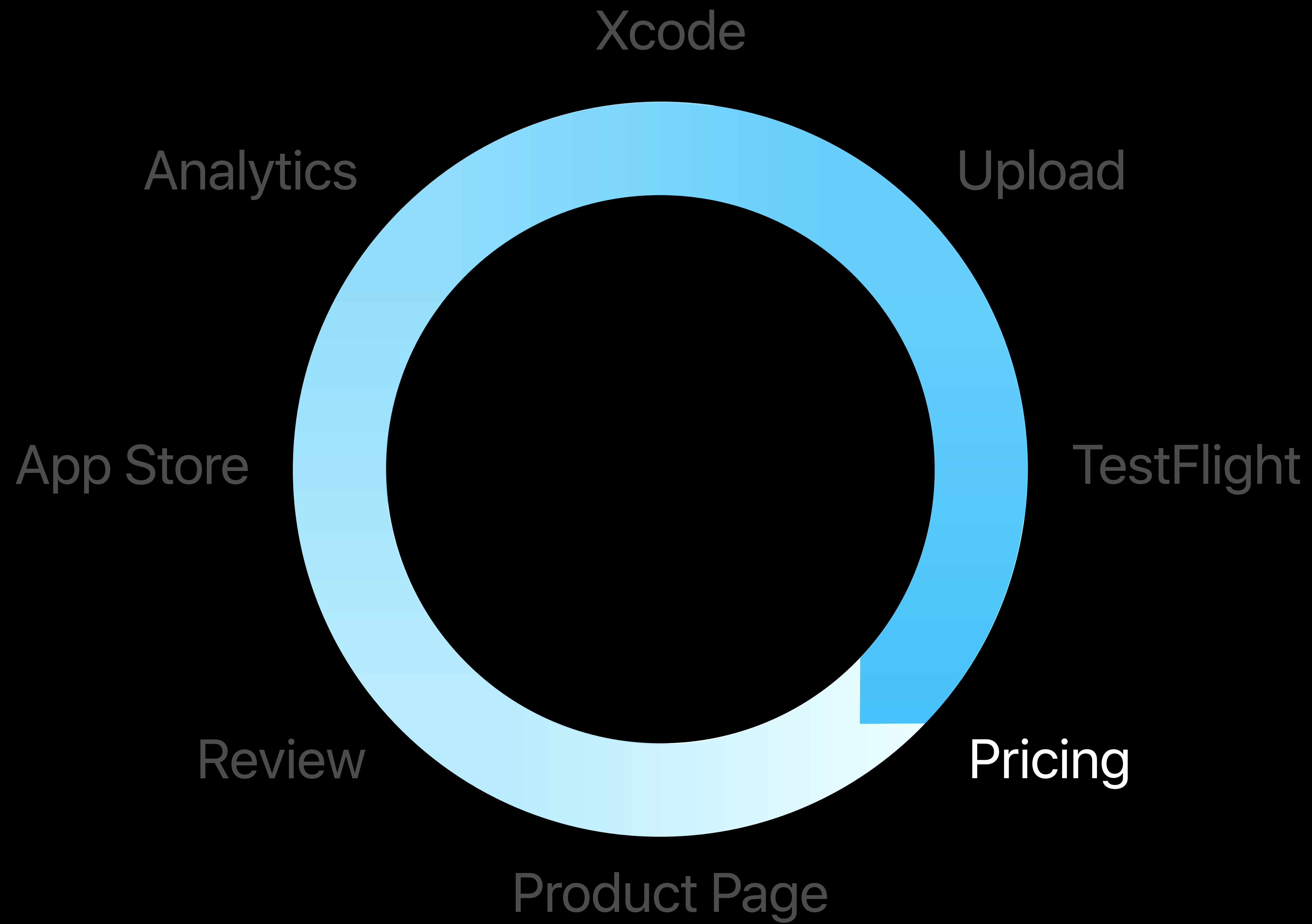
App Lifecycle



App Lifecycle



App Lifecycle



155

Territories

Payment Methods

Credit cards

Gift cards

Mobile carriers

Digital wallets

45

Currencies

Consolidated Payment

200

Subscription Price Tiers

Subscription Offers

Subscription Offers

Discount subscription price

Subscription Offers

Discount subscription price

Custom eligibility criteria

Subscription Offers

Discount subscription price

Custom eligibility criteria

Retain existing subscribers

Subscription Offers

Discount subscription price

Custom eligibility criteria

Retain existing subscribers

Win back subscribers

Subscription Offers

Discount subscription price

Custom eligibility criteria

Retain existing subscribers

Win back subscribers

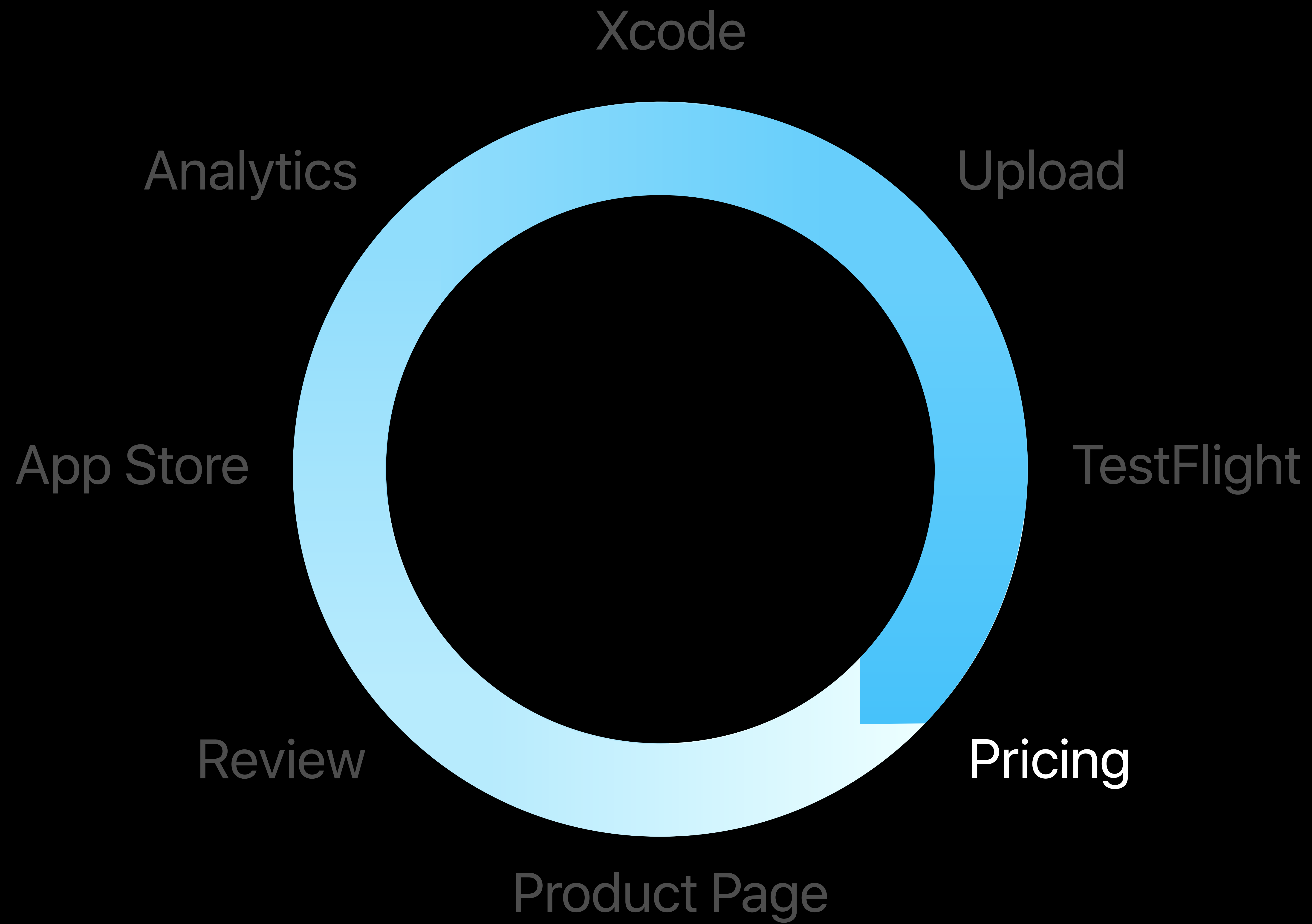
In-App Purchases and Using Server-to-Server Notifications

Friday 11:00

Subscription Offers Best Practices

Friday 2:00

App Lifecycle



App Lifecycle



App Lifecycle



9:41



< Games



Forest Explorer

Go Wild and Discover New Trails and Parks

GET

In-App Purchases



4.7, 24K Ratings



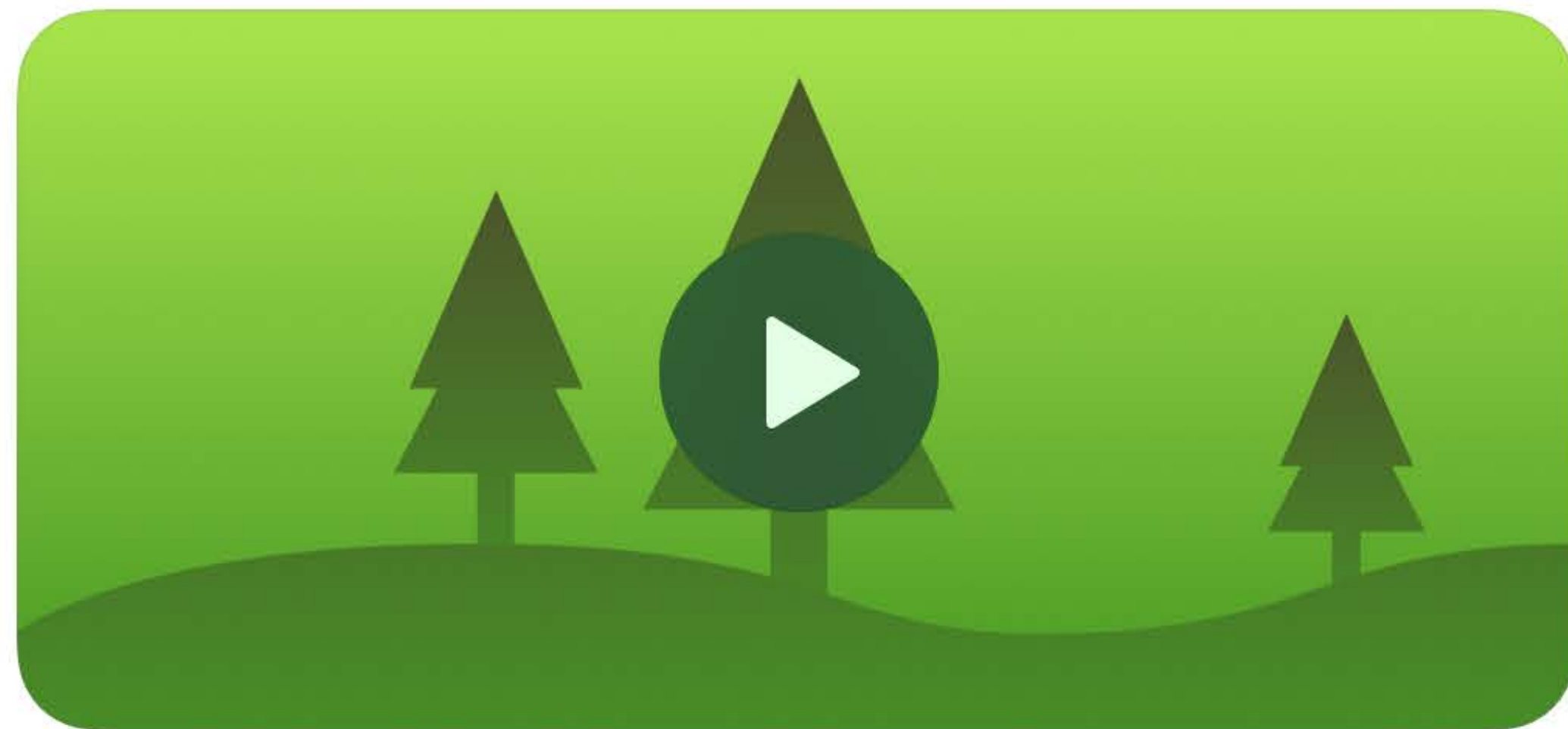
Travel

#26

Travel

4+

Age Rating



Forest Explorer has thousands of trails and destinations from around the globe to explore. Whether you're bushwhacking in backcour [more](#)

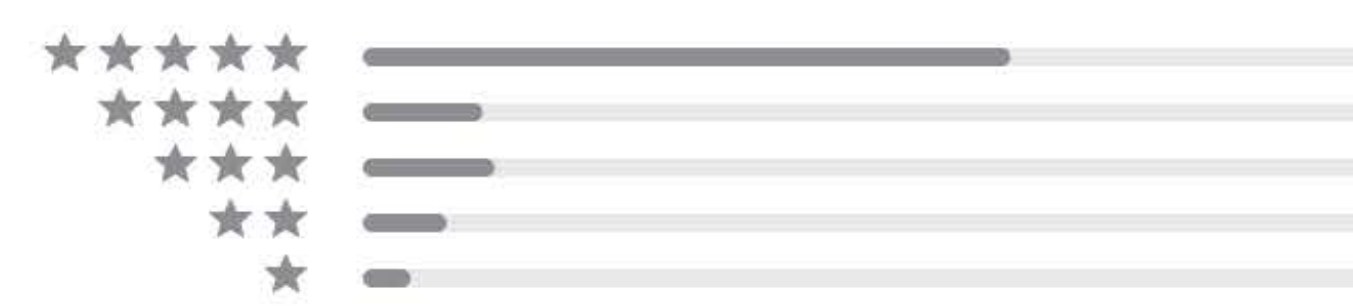
Developer
[Nature Lab](#)



Ratings & Reviews

[See All](#)

4.7



out of 5 24,500 Ratings



Today



Games



Apps



Updates



Search

A dark blue world map is centered in the background, showing the outlines of continents and oceans. The map is slightly faded and serves as a backdrop for the text.

5% English First Language

New Language Support

App Store Localization

Ethar Elsaka, Software Engineer

9

New Languages

Catalan
Chinese
Croatian
Czech
Danish
Dutch
English
Finnish
French
German
Greek
Hindi
Hungarian
Indonesian
Italian
Japanese
Korean
Malay
Norwegian
Polish
Portuguese
Romanian
Russian
Slovak
Spanish
Swedish
Thai
Turkish
Ukrainian
Vietnamese

37 Languages

Catalan
Chinese
Croatian
Czech
Danish
Dutch
English
Finnish
French
German
Greek
Hindi
Hungarian
Indonesian
Italian
Japanese
Korean
Malay
Norwegian
Polish
Portuguese
Romanian
Russian
Slovak
Spanish
Swedish
Thai
Turkish
Ukrainian
Vietnamese

Pop Quiz

اختیار

اِخْتِيَار

تَطْبِيق

Test

اختبار

تطبيق

Test

اختبار

App

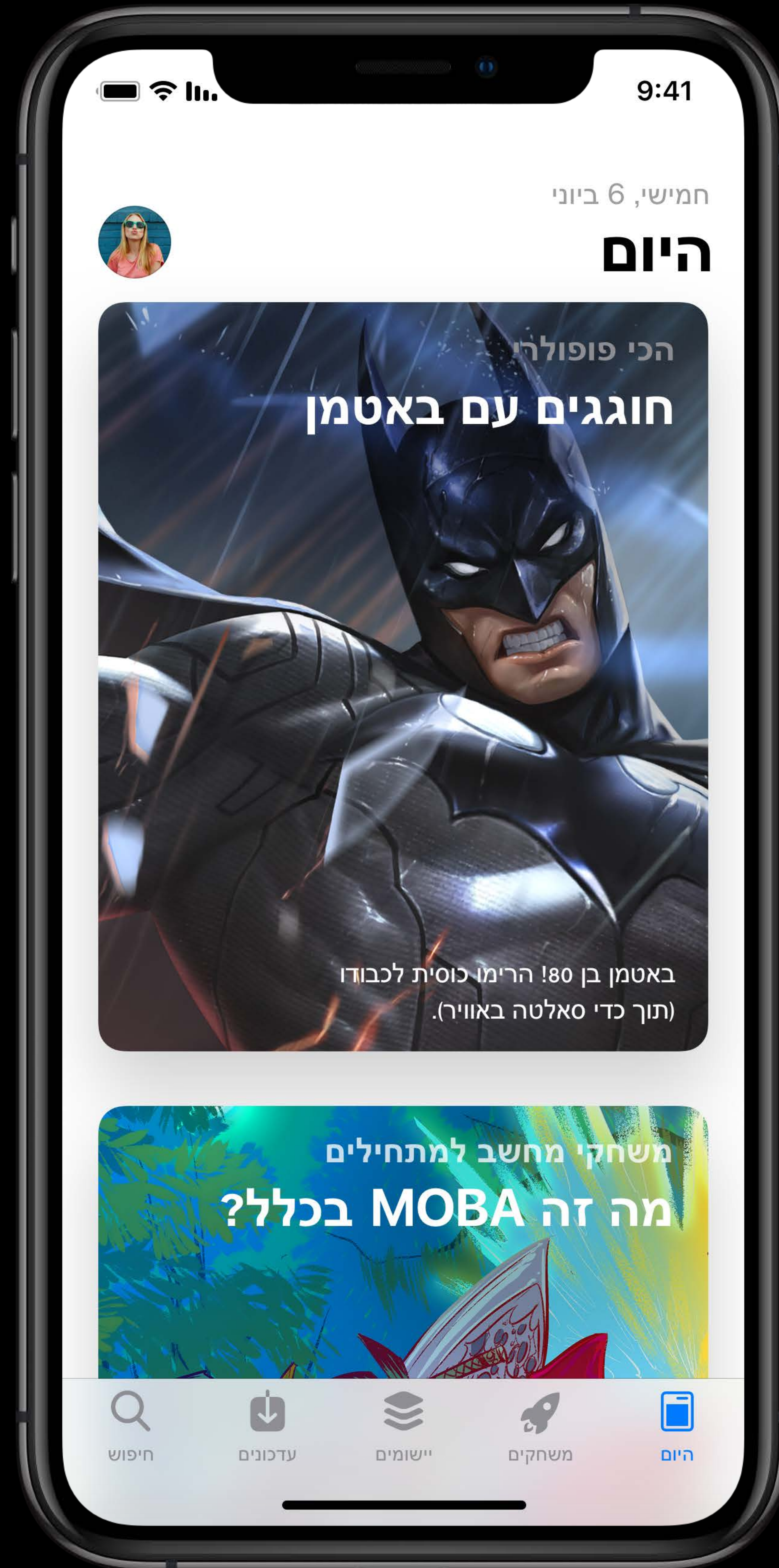
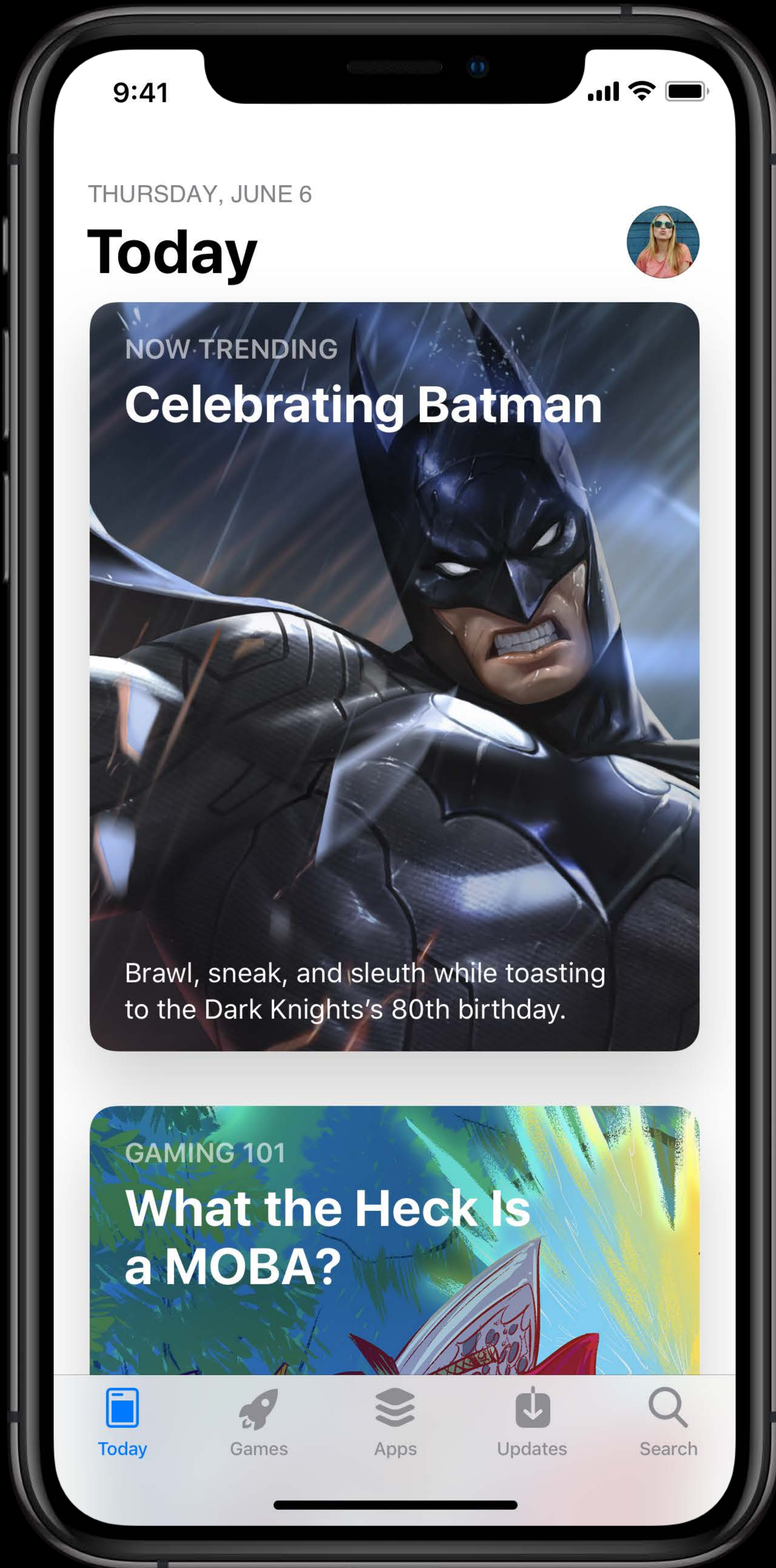
تطبيق

Arabic

عربي

Hebrew

עברית



LIFE HACK

Apps for Traveling Parents



Traveling as a family isn't always pleasant, but it can be easier. These apps help you book the best seats for the best prices, keep the kids entertained, and (hopefully) enjoy your in-flight beverage.

For parents

Make travel the best part of your trip with these apps. Find comfy seats, then unwind by meditating, coloring,

حلول عملية

تطبيقات للوالدين عند السفر



قد لا يكون السفر مع العائلة ممتعًا أحيانًا، لكن ربما يمكنك أن تسهل الأمر. هذه التطبيقات تسهل لك حجز أفضل المقاعد بأفضل الأسعار، وتوفر وسائل ترفيه للأطفال، (على أمل) أن تستمتع بالمرطبات المقدمة أثناء الرحلة.

للوالدين

يمكنك أن تحوّل السفر ليصبح أفضل جزء في رحلتك مع هذه التطبيقات. اعثر على مقاعد

פתרונות מעשיים

יישומים עבור הורים שמטיילים










לא תמיד פשוט לטייל כמשפחה, אבל החוויה יכולה להיות קלה ונעימה יותר. יישומים אלה יעזרו לכם להזמין את המושבים הטובים ביותר במחירים הטובים ביותר, ולהעסיק את הילדים בזמן שאתם (בתקווה) נהנים מהמשקאות שלכם בטיסה.

עבור הורים

יישומים אלה יכולים להפוך את חווית הנסיעה לחלק הטוב ביותר בטיול שלכם. ניתן למצוא מושבים נוחים, ואז להירגע עם מדיטציה, שעת

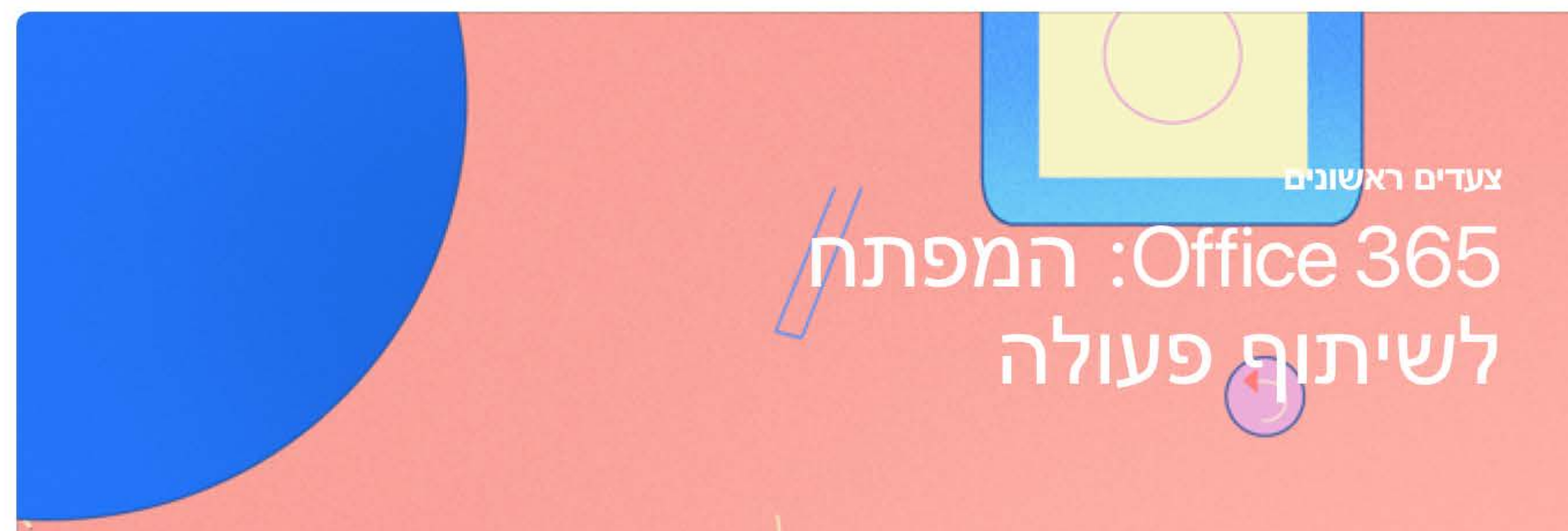
עבודה טובה היא עבודת צוות, ומהיום הרבה יותר קל לעבוד ביחד, בזכות הגרסה החדשה של Office 365 ל-Mac. לראשונה מזה 20 שנה, ל-Microsoft Office יש את אותו קוד בכל הפלטפורמות השונות, כך שמתמשי Office ב-Mac, ב-iOS וב-Windows יכולים לשתף פעולה בזמן אמת ובצורה חלקה.

השינויים שעורכים במסמכי Word ו-PowerPoint מתעדכנים מיידית אצל כל שותפי העריכה, והגיליונות האלקטרוניים של Excel מתעדכנים מהר מאוד אחרי ביצוע השינויים. השינויים נשמרים אוטומטית בענן, ואפשר לבדוק אותם בקלות ולחזור לגרסאות הקודמות במידת הצורך. אפשר גם לשוחח בצ'אט ישירות דרך הגרסאות של היישומים למחשבים כדי לדבר עם שותפי העריכה.

<p>הורדה רכישת בתוך היישום</p> <p>Microsoft Word פרודוקטיביות</p> 	<p>הצג</p> <p>Microsoft Office 365 פרודוקטיביות</p> 
<p>הורדה רכישת בתוך היישום</p> <p>Microsoft PowerPoint פרודוקטיביות</p> 	<p>הורדה רכישת בתוך היישום</p> <p>Microsoft Excel פרודוקטיביות</p> 
<p>הורדה רכישת בתוך היישום</p> <p>Microsoft OneNote פרודוקטיביות</p> 	<p>הורדה רכישת בתוך היישום</p> <p>Microsoft Outlook פרודוקטיביות</p> 
	<p>הורדה רכישת בתוך היישום</p> <p>OneDrive פרודוקטיביות</p> 

“זה סיפור אהבה”, אומר Rob Howard, מנהל שיווק בכיר של Office 365 ב-Microsoft. “אנחנו עושים המון למען משתמשי Mac. זו פלטפורמה איכותית במיוחד, והשקענו בה רבות בשנה האחרונה”. בזכות הקוד המשודרג משתמשי Mac יוכלו ליהנות מכל התכונות החדשות לעתים הרבה יותר קרובות. הצוות גם שואף להשיק תכונות חדשות כל חודש למנויי Office 365.

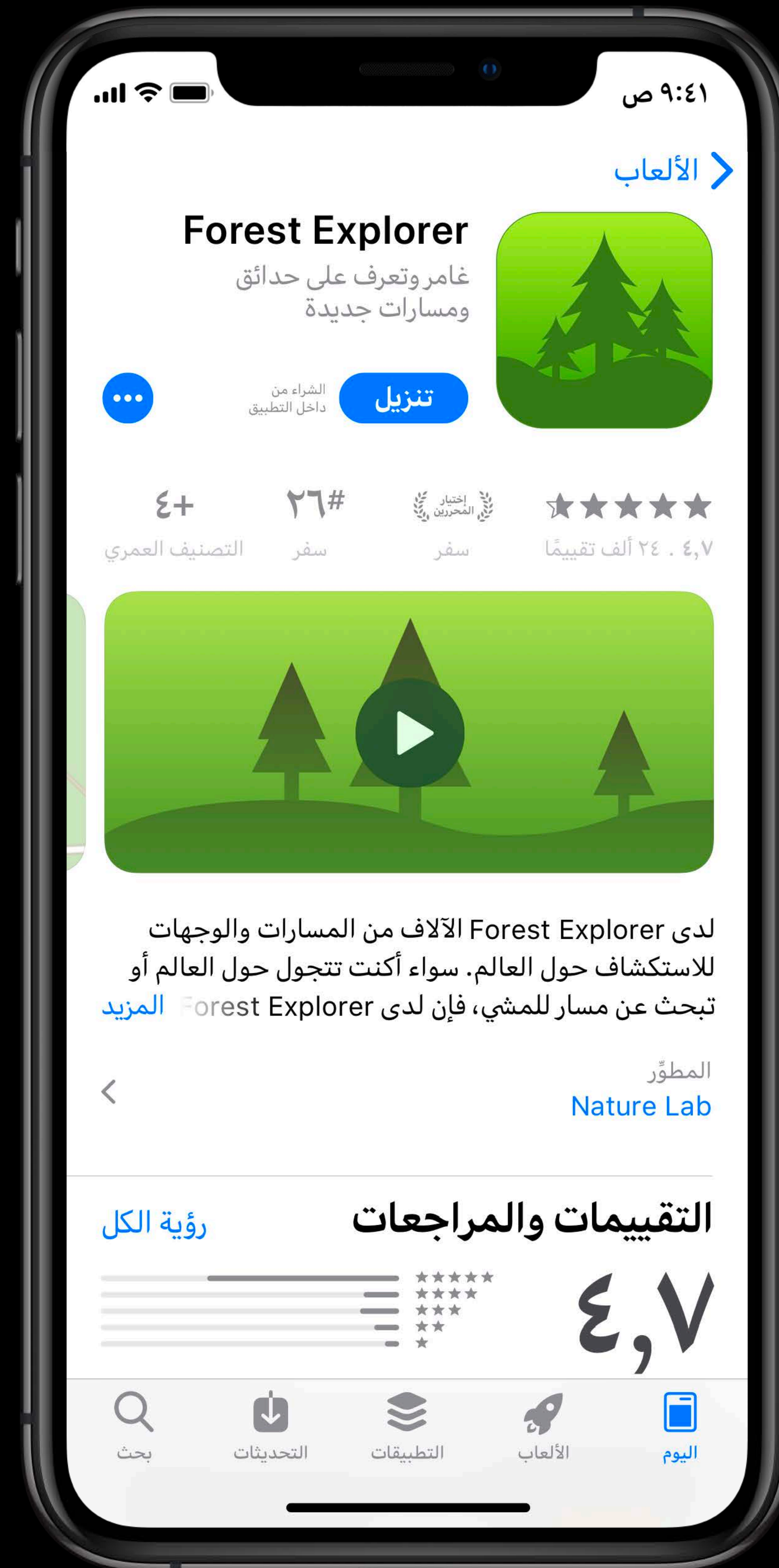
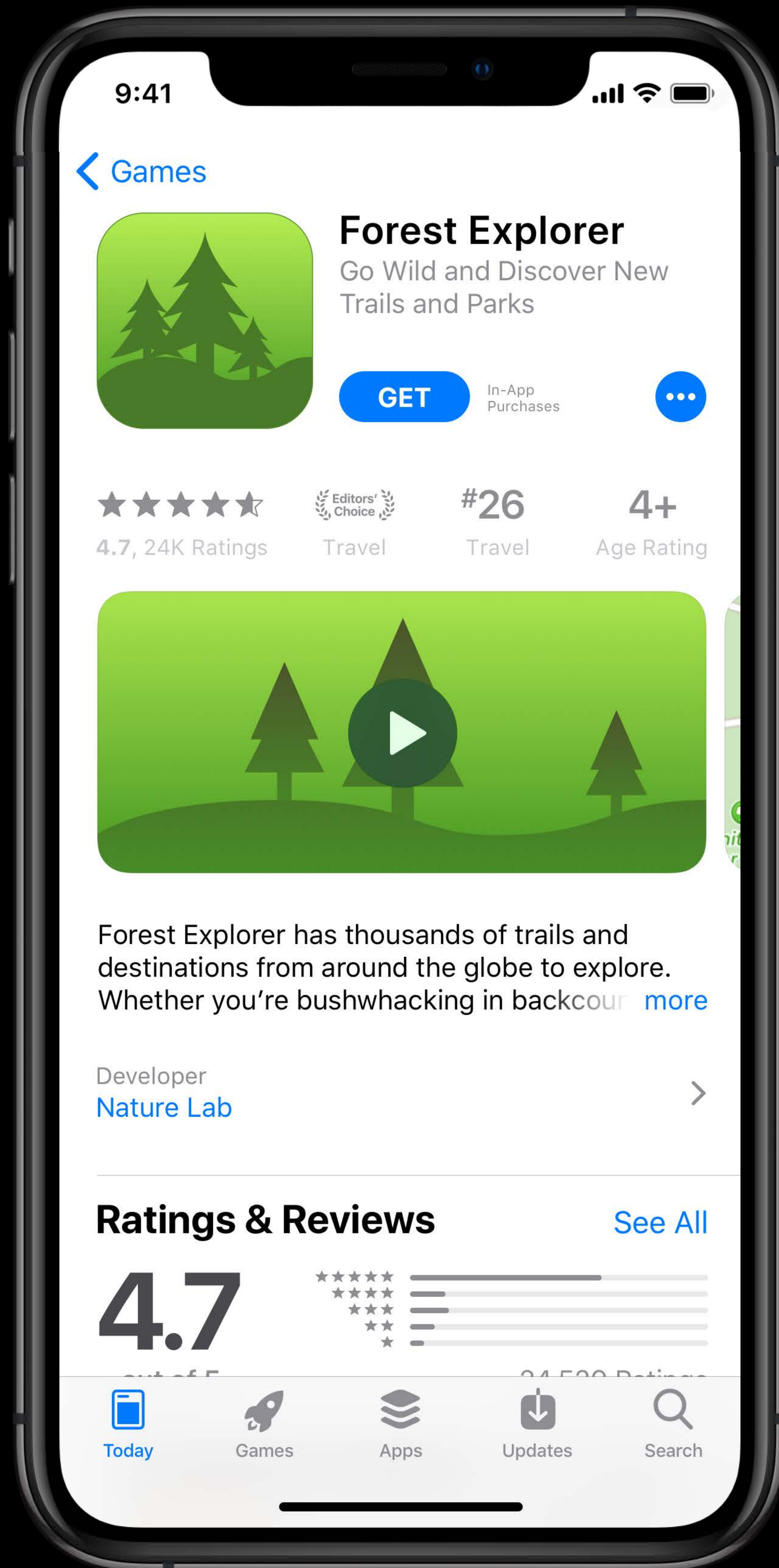
התכונות לשיתוף פעולה הן רק אחד מהיתרונות של הגישה החדשה.




MacBook Pro

Demo

Product page localization



9:41

Welcome to TestFlight



Accept Invites

Accept invitations to beta programs and install the latest beta software.



Test Beta Apps

Test out new functionality before it's released on the App Store.



Provide Feedback

Help developers build better apps by providing feedback and reporting bugs.



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[See how your data is managed...](#)

Continue

9:41 ص

مرحباً بك في TestFlight

قبول الدعوات

اقبل الدعوات إلى الإصدارات التجريبية للبرامج وثبت أحدث إصدار تجريبي للبرنامج.

إختبار النسخ التجريبية للتطبيقات

اختبر الوظيفة الجديدة قبل أن يتم إصدارها في App Store.

إرسال الملاحظات

ساعد المطورين في تطوير أفضل التطبيقات من خلال إرسال ملاحظاتك والإبلاغ عن المشكلات.



سيتم ربط حسابك مع عنوان بريدك الإلكتروني عندما تقوم بقبول الدعوة. سيتم مشاركة معلومات الجهاز والملاحظات مع المطور و Apple. تعرّف على كيفية إدارة بياناتك...

تابع

App Store Localization

Reach new customers with localization

App Store Localization

Reach new customers with localization

App Store supports 39 languages

App Store Localization

Reach new customers with localization

App Store supports 39 languages

Right-to-left support for the first time

App Store Localization

Reach new customers with localization

App Store supports 39 languages

Right-to-left support for the first time

Submit your Arabic and Hebrew localizations in App Store Connect today

Forest Explorer

غامر وتعرف على حقائق ومسارات جديدة



الشراء من داخل التطبيق

تنزيل

٤+

التصنيف العمري

٢٦#

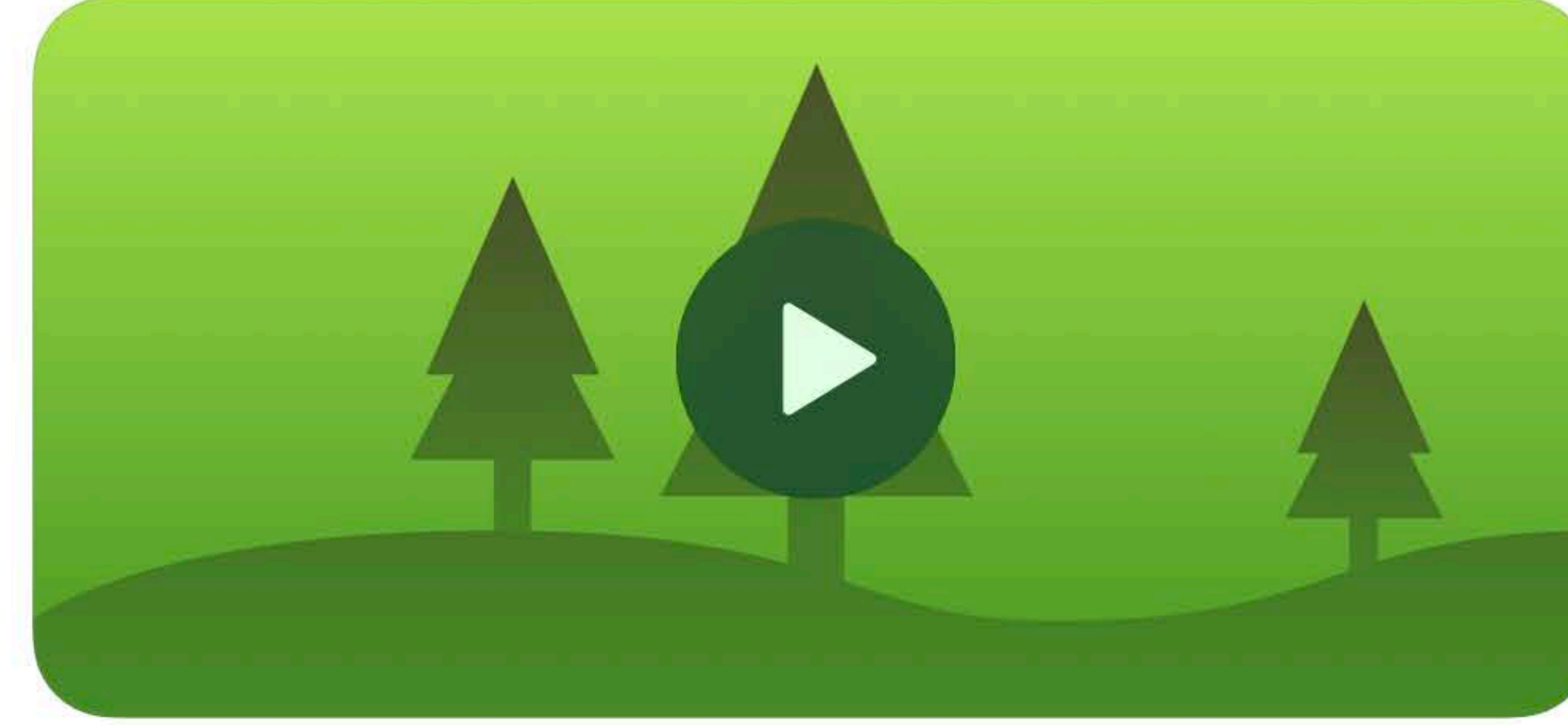
سفر

اختيار المحررين

سفر

★★★★★

٤,٧ . ٢٤ ألف تقييمًا



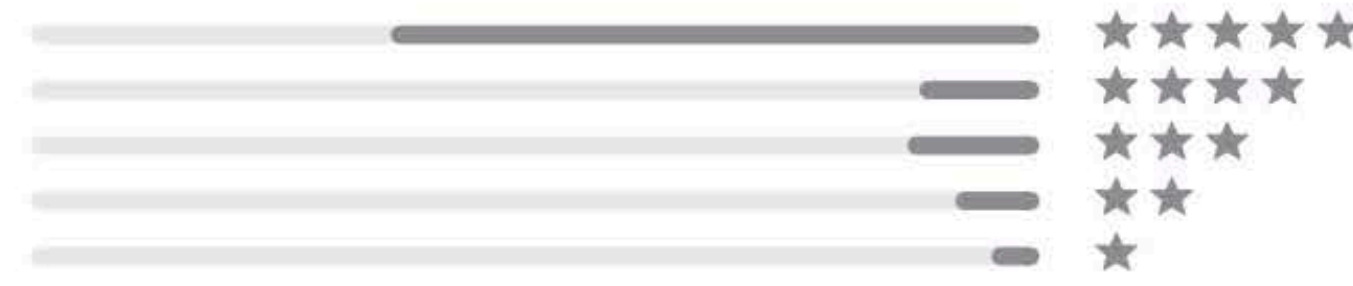
لدى Forest Explorer الآلاف من المسارات والوجهات للاستكشاف حول العالم. سواء أكنت تتجول حول العالم أو تبحث عن مسار للمشبي، فإن لدى Forest Explorer المزيد

المطوّر

Nature Lab

رؤية الكل

التقييمات والمراجعات



٤,٧



بحث



التحديثات



التطبيقات



الألعاب



اليوم

App Lifecycle



App Lifecycle



App Lifecycle



Before App Review

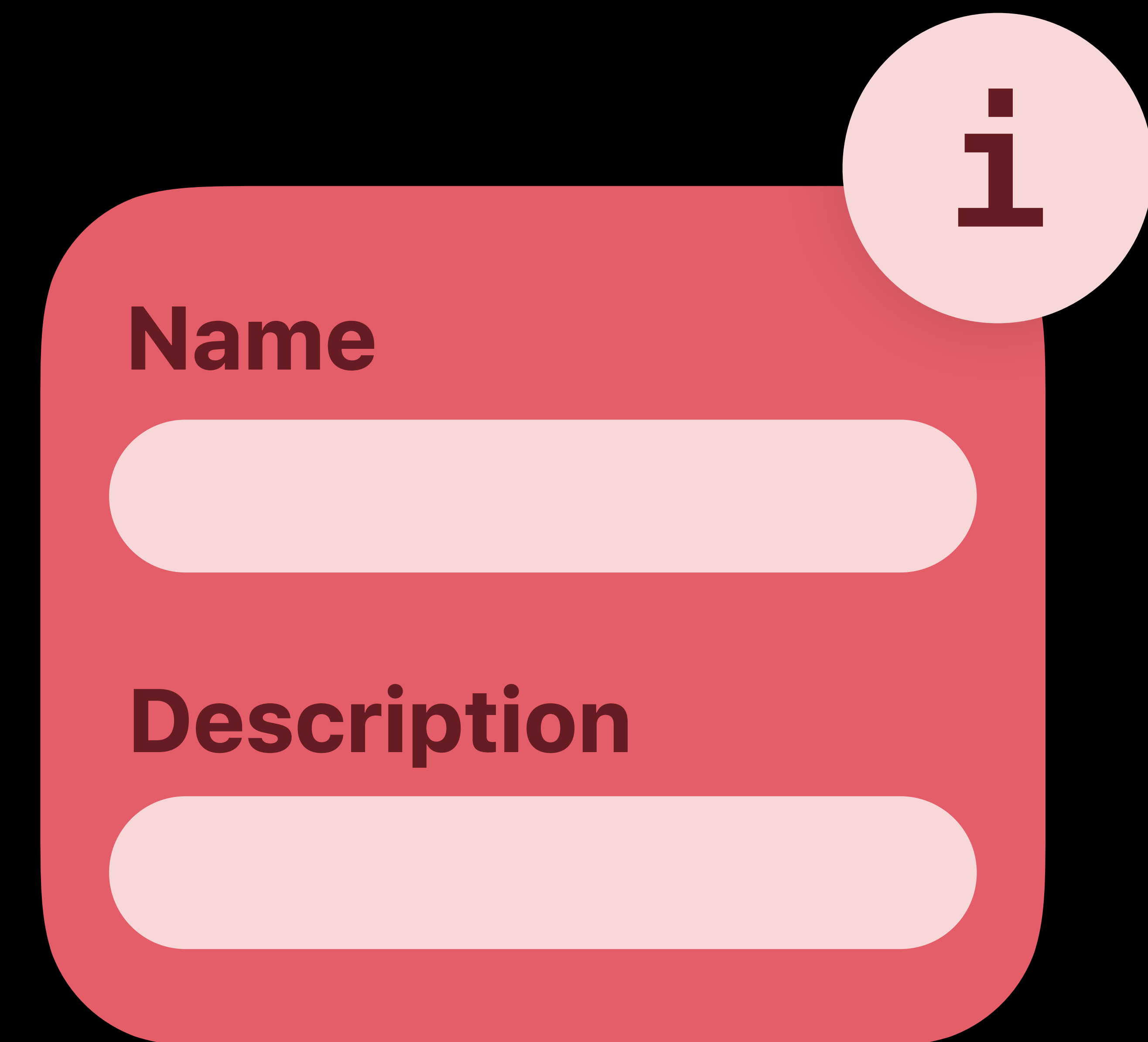
Test your app



Before App Review

Test your app

Complete app metadata



Name

Description

i

Before App Review

Test your app

Complete app metadata

Update contact info



Email

Phone


Before App Review

Test your app

Complete app metadata

Update contact info

Credentials for demo account



Username

Password

Before App Review

Test your app

Complete app metadata

Update contact info

Credentials for demo account

Explain non-obvious features



Frequent Review Feedback

Accurate screenshots

Frequent Review Feedback

Accurate screenshots

Only request login when required

Frequent Review Feedback

Accurate screenshots

Only request login when required

Clear purpose strings

Frequent Review Feedback

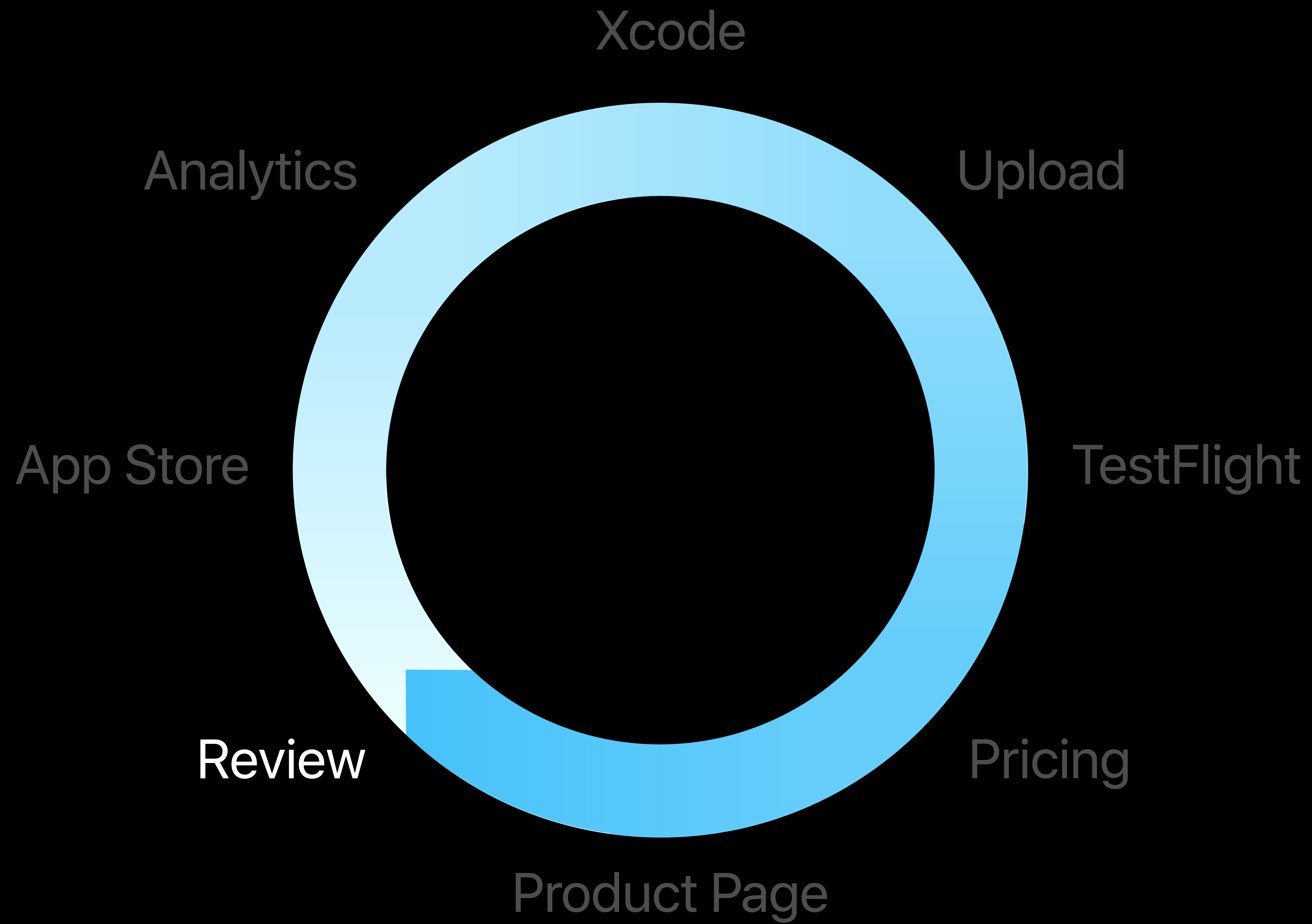
Accurate screenshots

Only request login when required

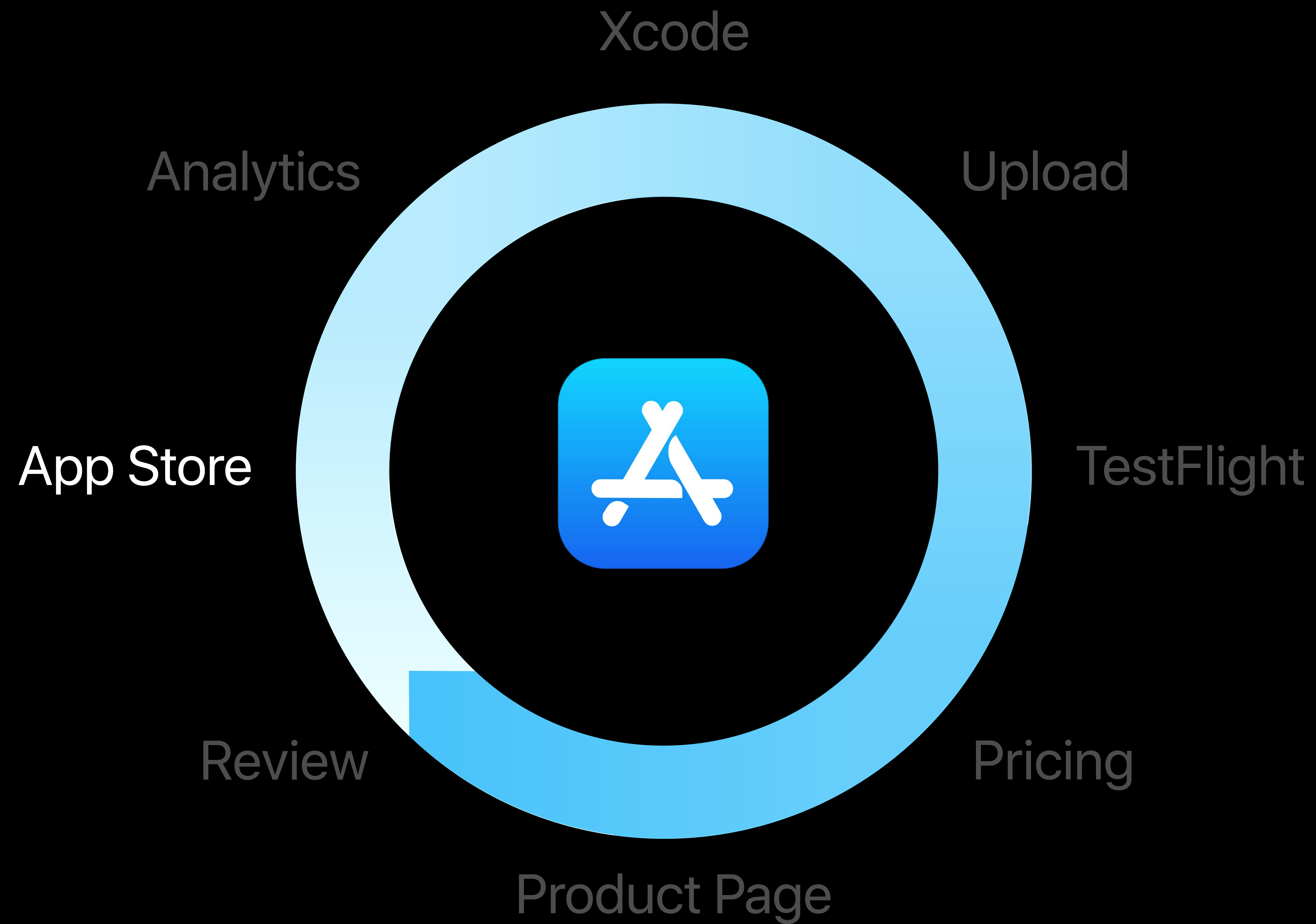
Clear purpose strings

Clear and simple subscriptions

App Lifecycle

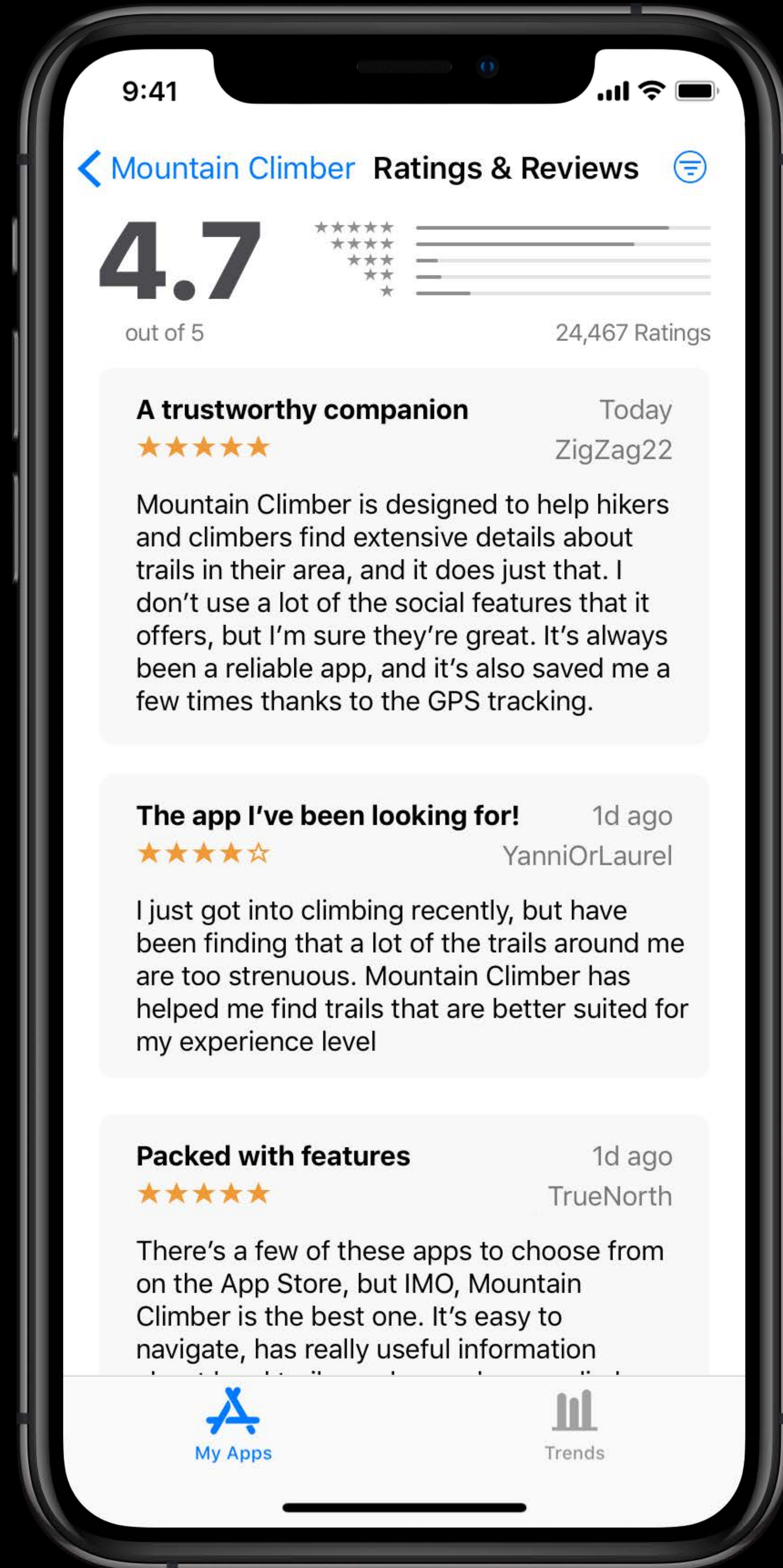


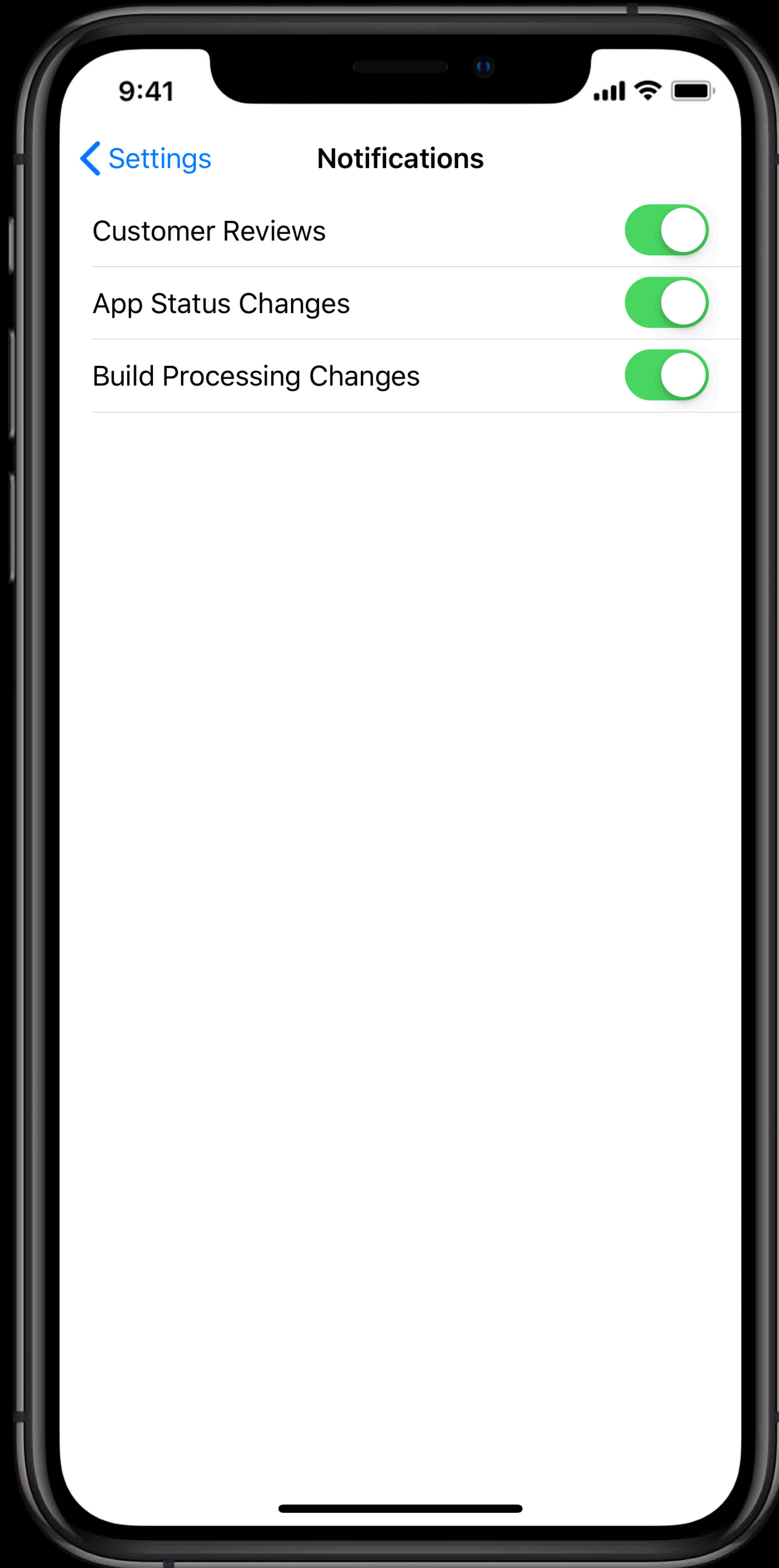
App Lifecycle

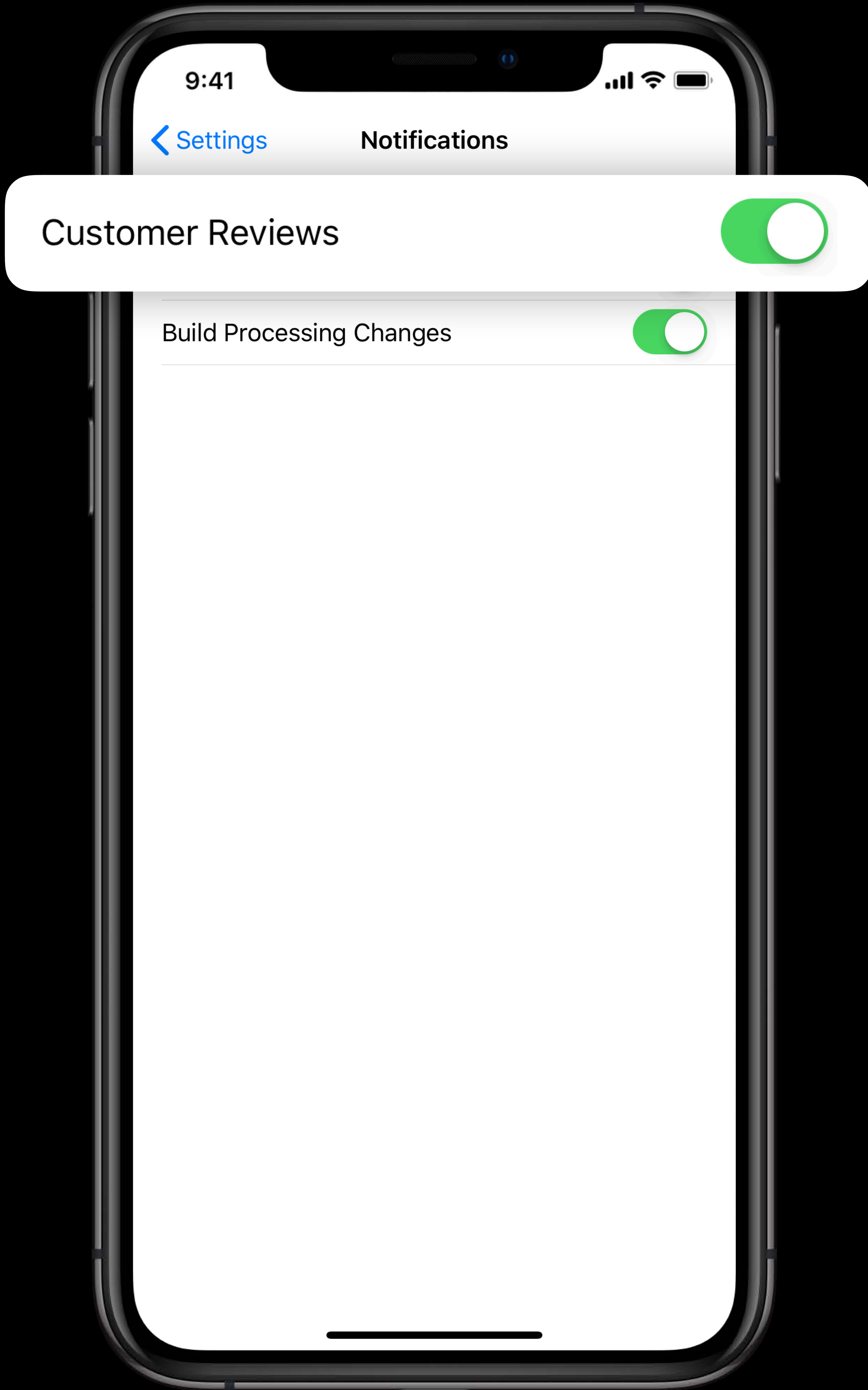


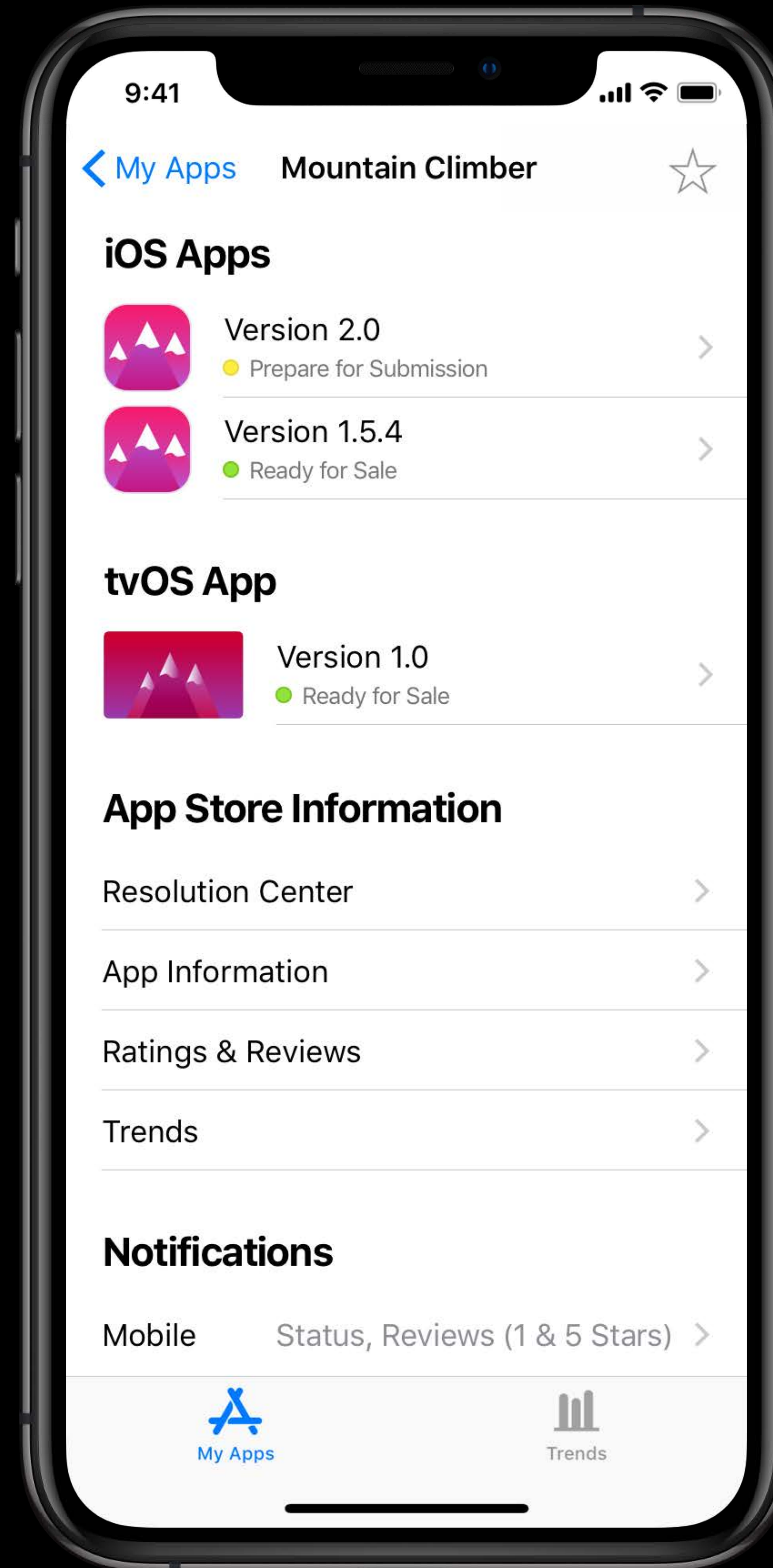
App Lifecycle

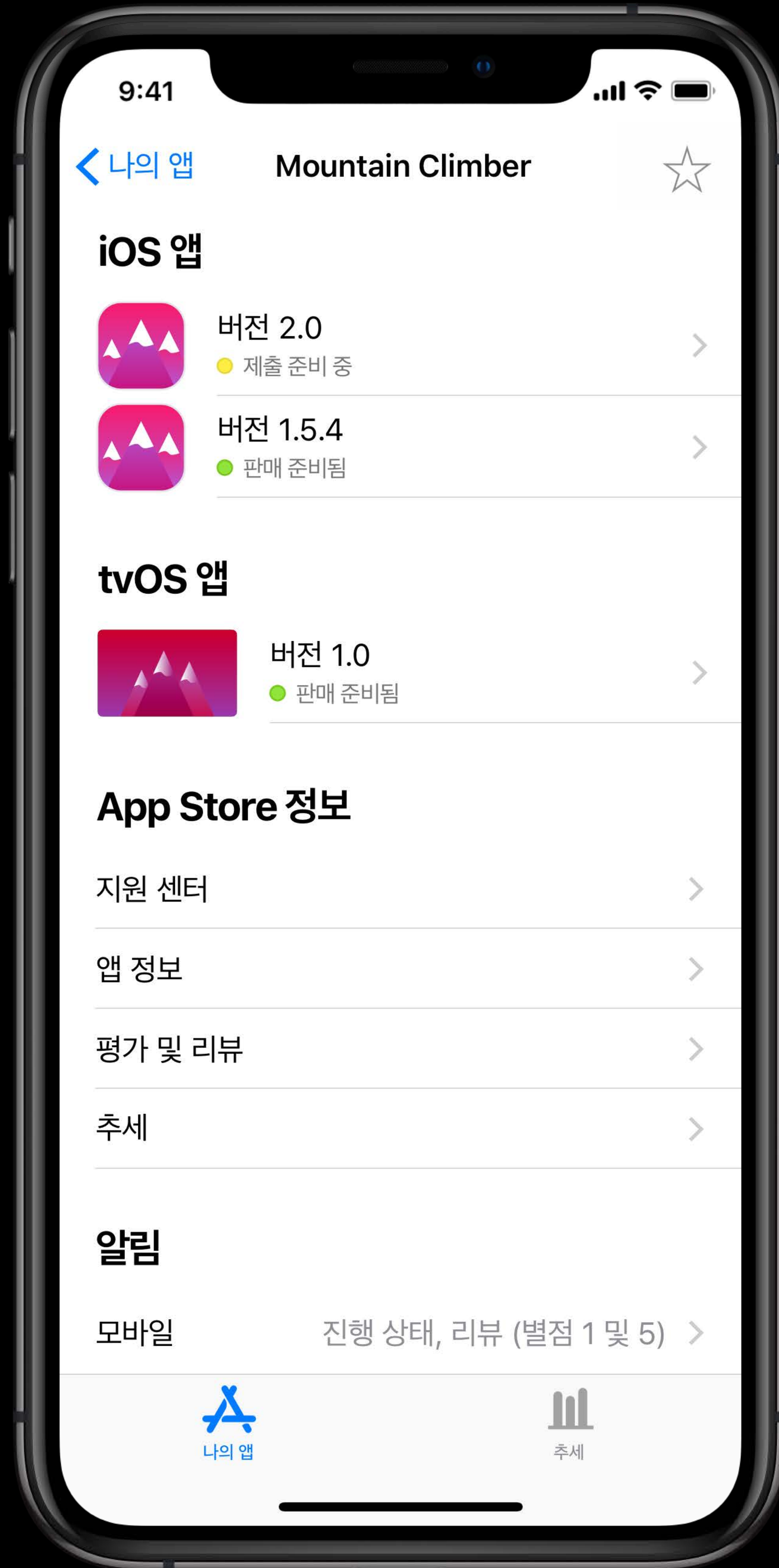








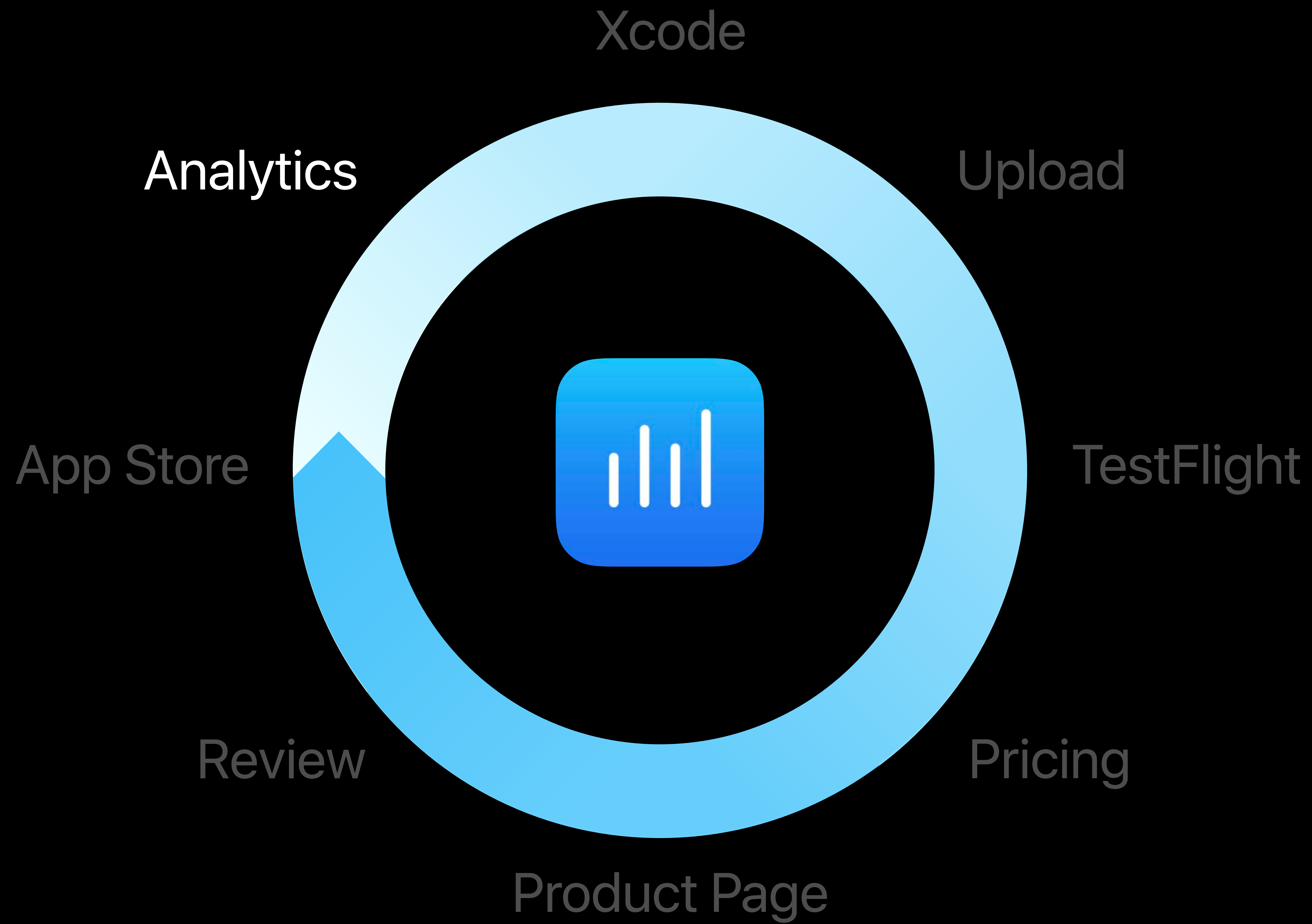




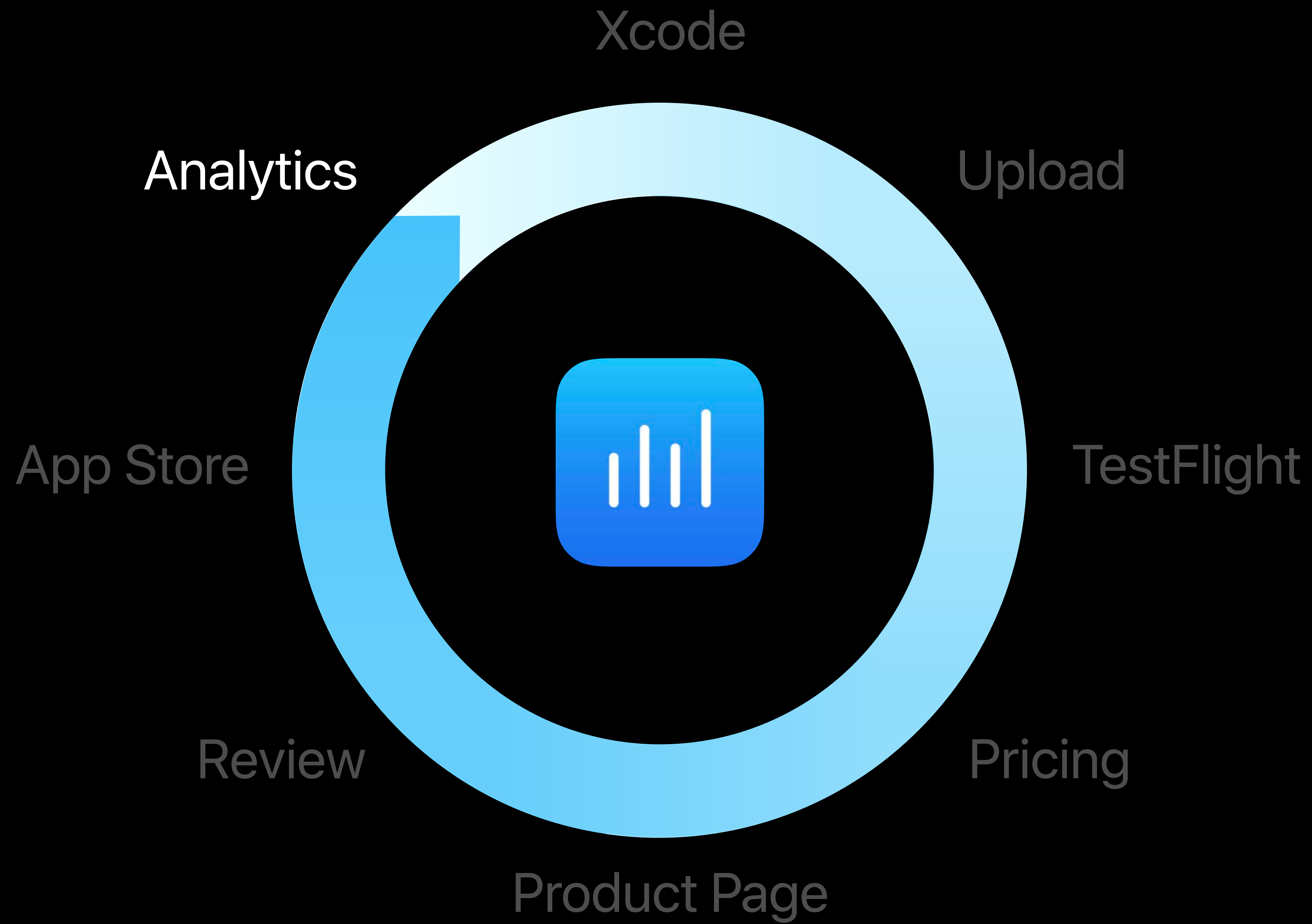
App Lifecycle



App Lifecycle



App Lifecycle



NEW



App Analytics for Mac Apps

App Analytics for Mac Apps

Impressions

App Analytics for Mac Apps

Impressions

Product page views

App Analytics for Mac Apps

Impressions

Product page views

App units

App Analytics for Mac Apps

Impressions

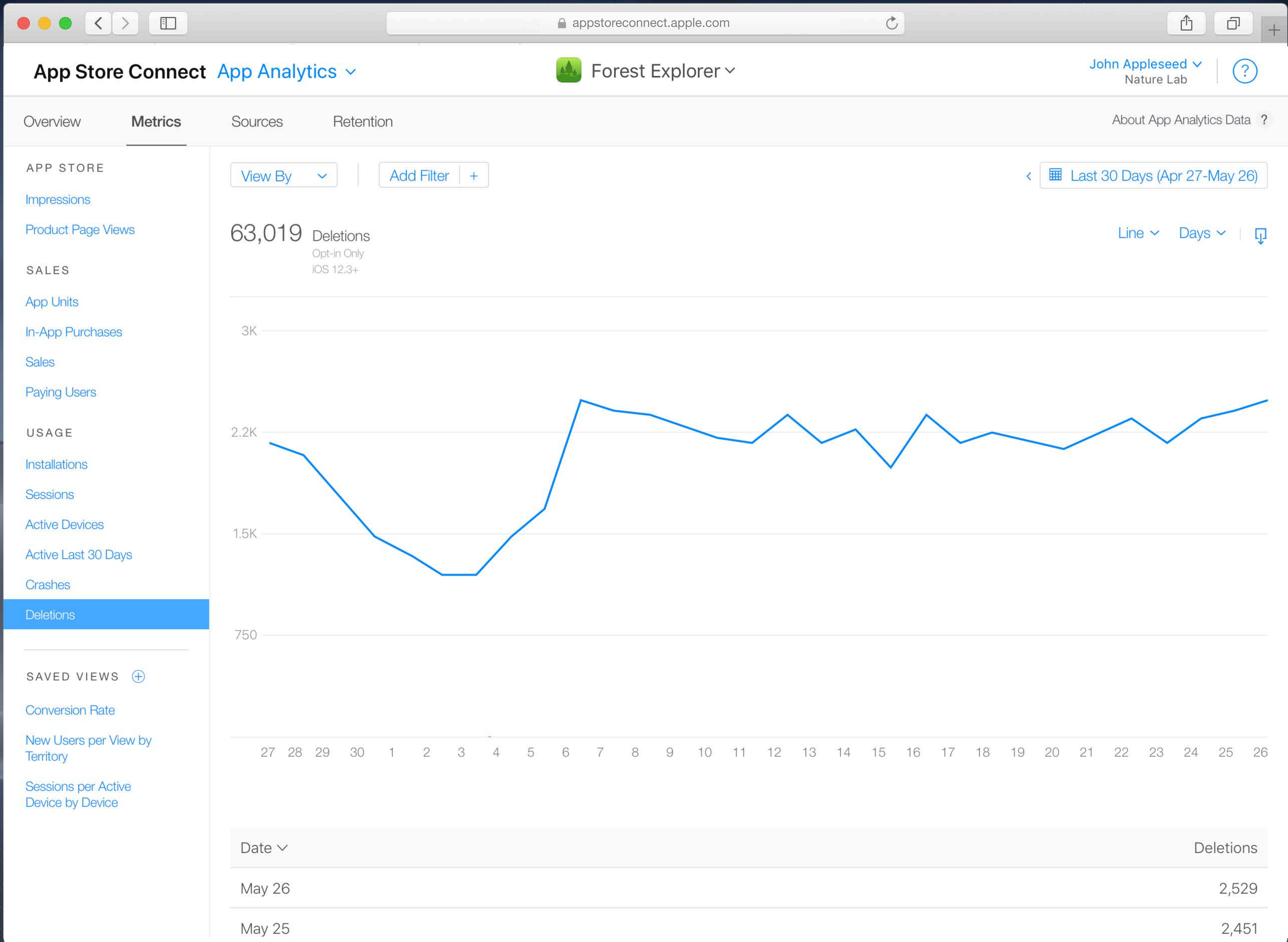
Product page views

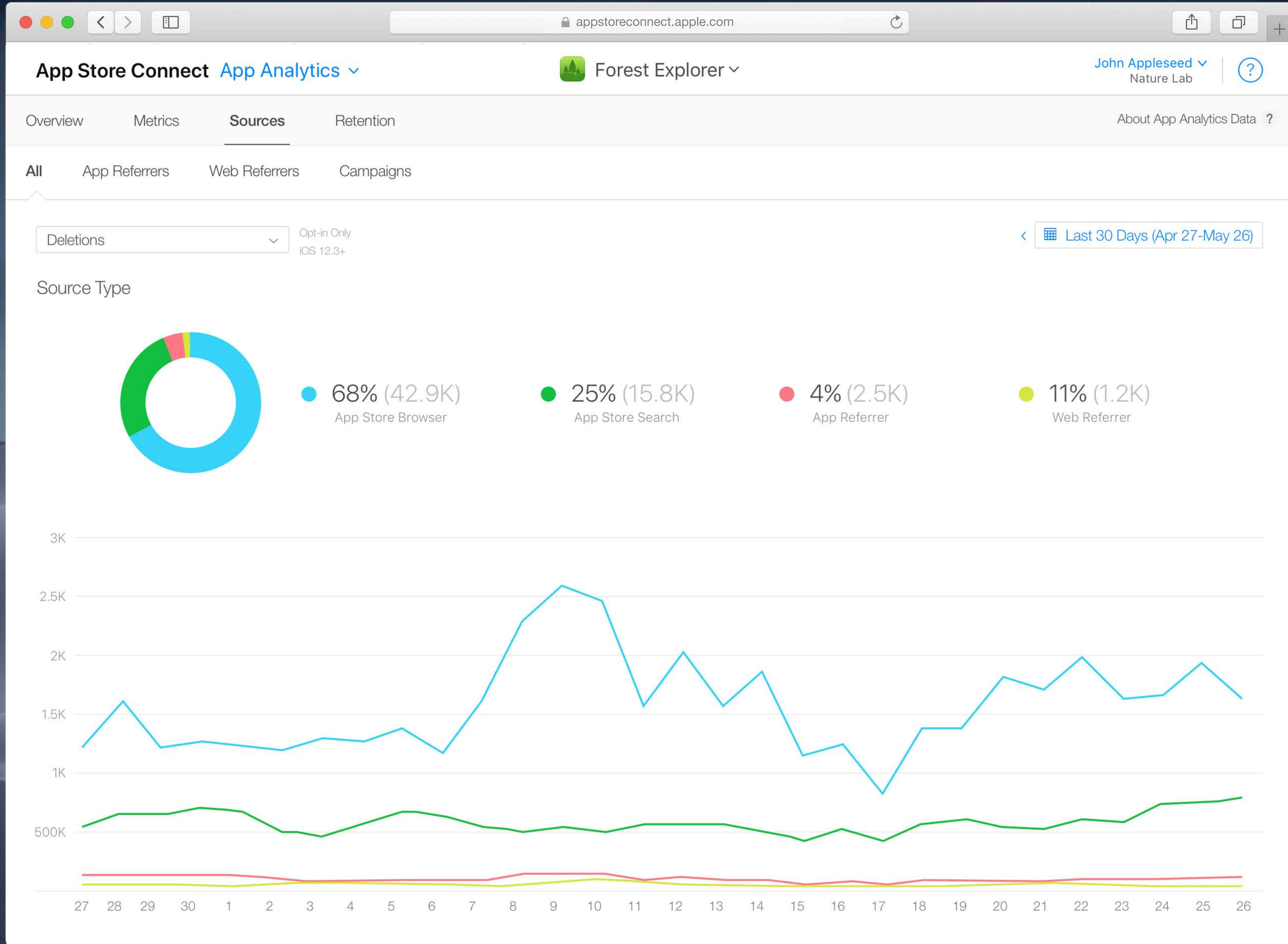
App units

Sales

NEW

iOS App Deletions

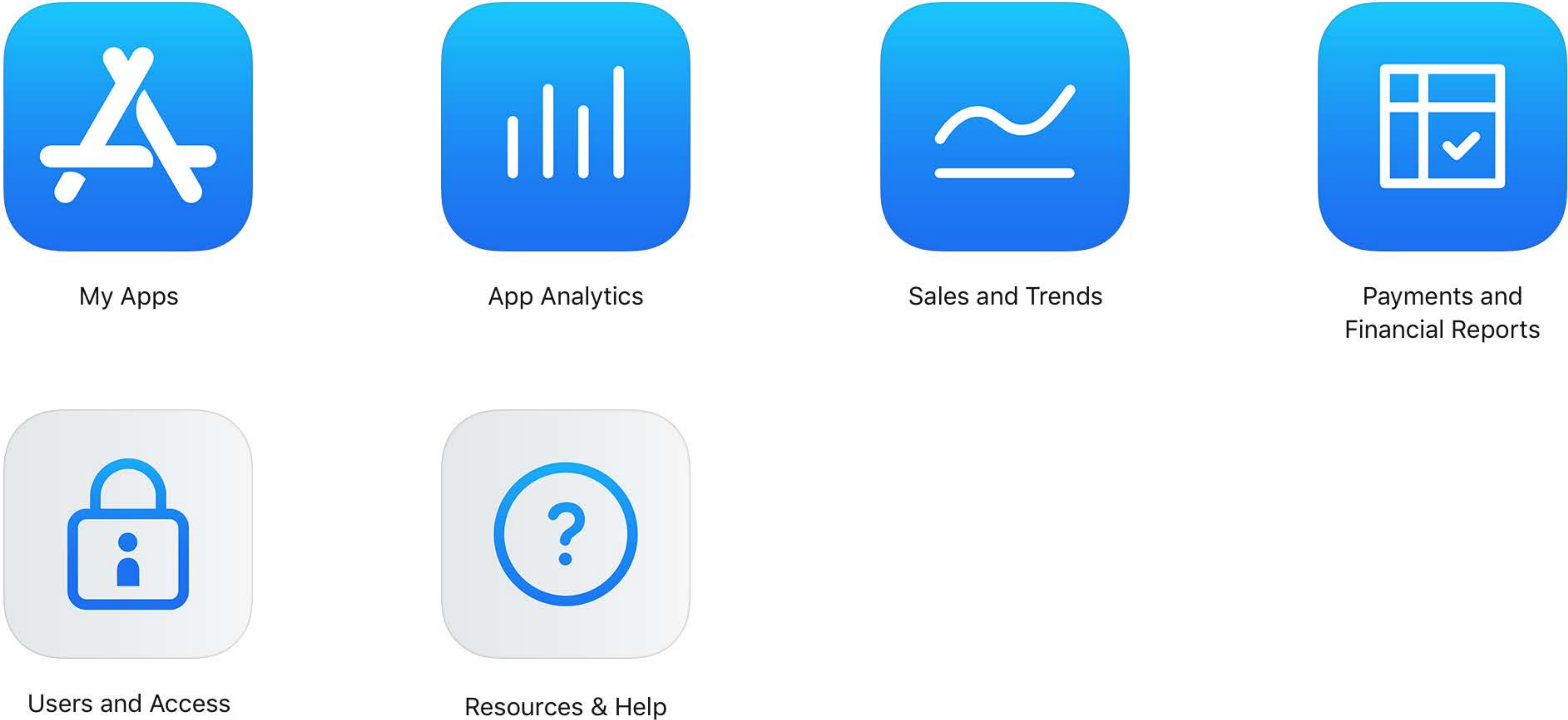




App Store Connect

John Appleseed ▾
Nature Lab

?



The dashboard features six icons arranged in two rows. The top row contains four icons: 'My Apps' (App Store logo), 'App Analytics' (bar chart), 'Sales and Trends' (line graph), and 'Payments and Financial Reports' (calendar with checkmark). The bottom row contains two icons: 'Users and Access' (lock with person) and 'Resources & Help' (question mark). The top row icons are highlighted with a blue gradient, while the bottom row icons are in a lighter, dimmed style.

My Apps

App Analytics

Sales and Trends

Payments and Financial Reports

Users and Access

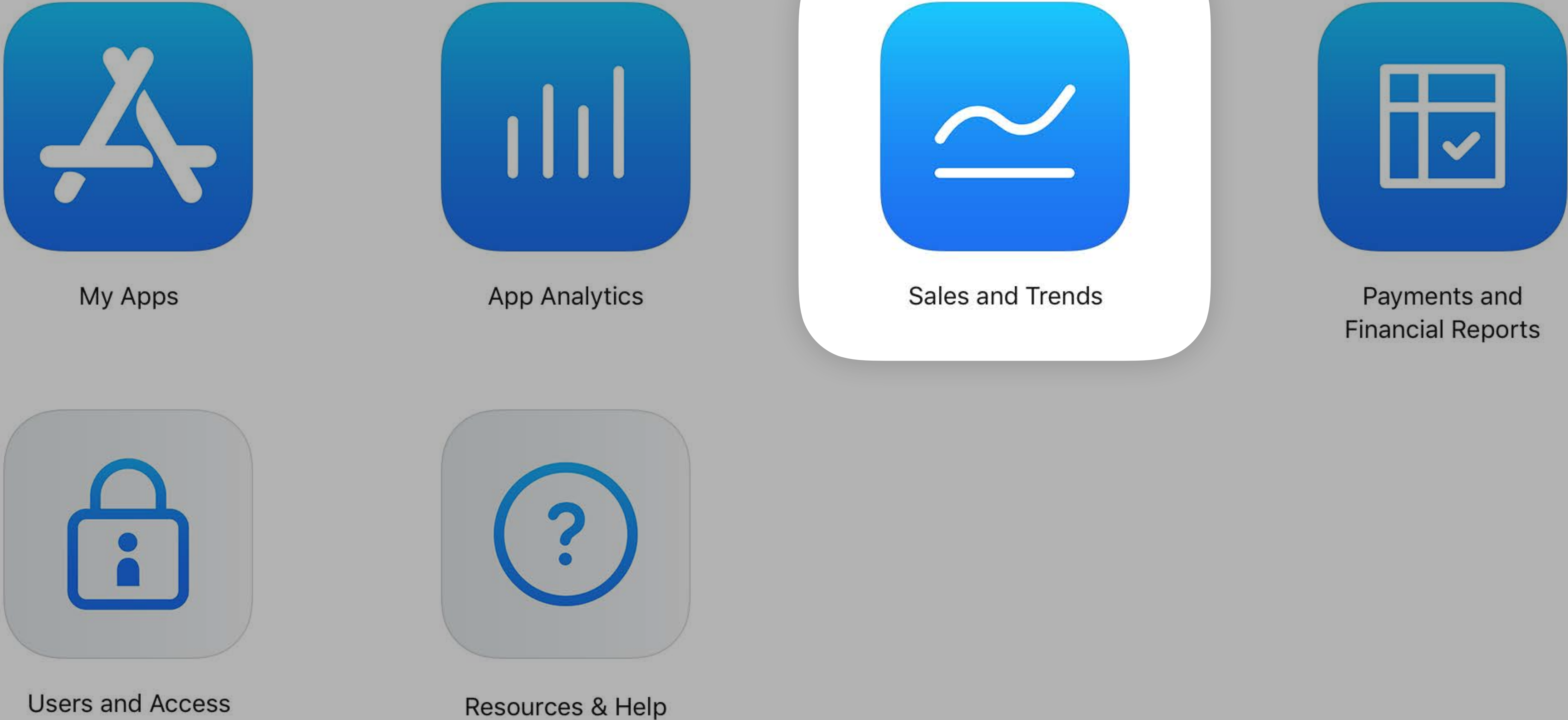
Resources & Help

appstoreconnect.apple.com

App Store Connect

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The dashboard features six icons arranged in two rows. The top row contains four icons: 'My Apps' (App Store logo), 'App Analytics' (bar chart), 'Sales and Trends' (line graph, highlighted with a white glow), and 'Payments and Financial Reports' (calendar with checkmark). The bottom row contains two icons: 'Users and Access' (lock with person) and 'Resources & Help' (question mark).

My Apps

App Analytics

Sales and Trends

Payments and Financial Reports

Users and Access

Resources & Help

NEW

Last 24 Hours

App Store Connect Sales and Trends

- Overview
- SUBSCRIPTIONS
- Summary
- Retention
- State
- Event
- SALES
- Units
- Sales**
- Proceeds
- Pre-Orders
- SAVED
- Sales and Trends Reports
- Payments and Financial Reports

Add Filters +

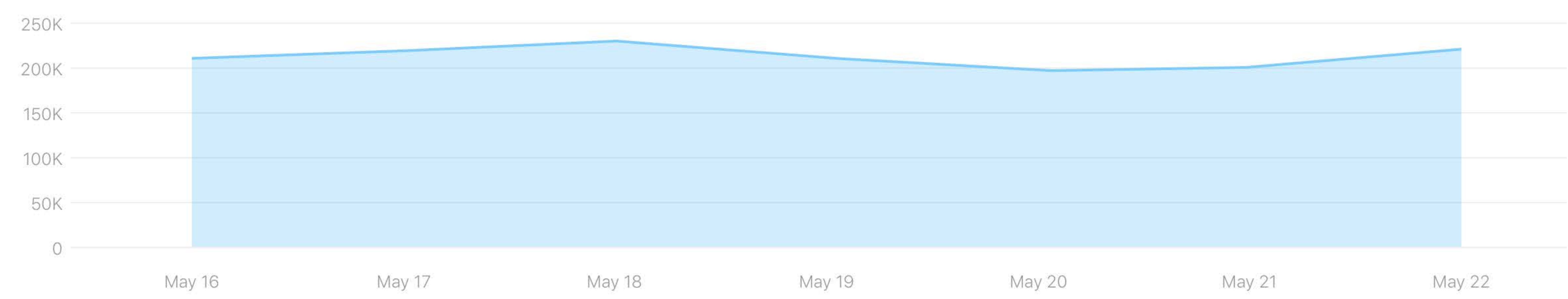
\$1.45M Sales ▲ 1.7%

Last 7 Days: May 16 - 22, 2019 UTC

Content Territory Device Category Content Type Transaction Type CMB Version Client

Sales per Day

Area Days



Name	Type	Platforms	Apple ID	Sales (USD)	Previous 7 Days	
1 Bag of Gems (Beach Racer)	In App	iOS	1693876439	\$785K	\$783K	▲ 0.2%
2 Bucket of Gems (Beach Racer)	In App	iOS	1664429630	\$428K	\$415K	▲ 3.1%
3 Barrel of Gems (Beach Racer)	In App	iOS	1065010392	\$79.6K	\$76K	▲ 4.8%
4 Basic Subscription (Forest Explorer)	In App	iOS and tvOS	840064633	\$62.4K	\$61K	▲ 2.1%
5 Purse of Gems (Beach Racer)	In App	iOS	1268440325	\$51.2K	\$49.7K	▲ 3.1%

App Store Connect Sales and Trends

- Overview
- SUBSCRIPTIONS
- Summary
- Retention
- State
- Event
- SALES
- Units
- Sales**
- Proceeds
- Pre-Orders
- SAVED
- Sales and Trends Reports
- Payments and Financial Reports

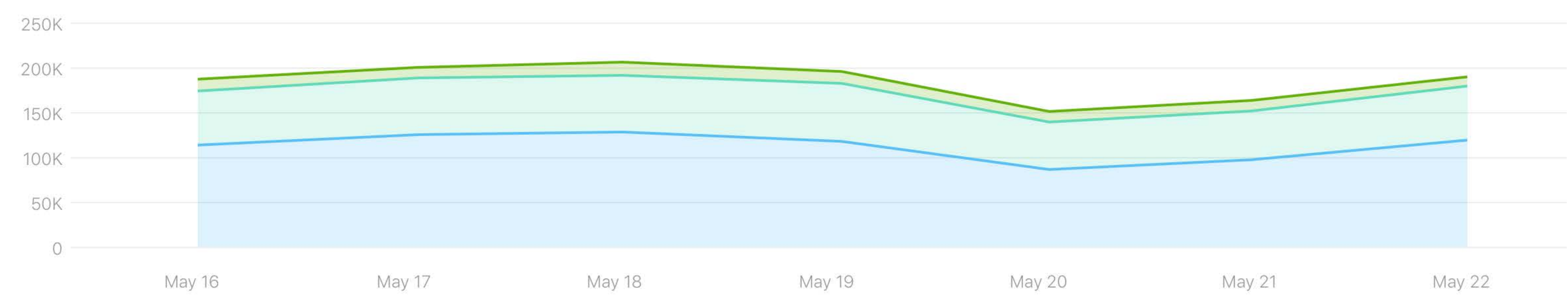
Content Bag of Gems Bucket of Gems Barrel of Gems Event powerup 1 Add Filters Clear All

\$1.29M Sales ▲ 1.4%

Last 7 Days: May 16 - 22, 2019 UTC

Content Territory Device Category Content Type Transaction Type CMB Version Client

Sales per Day Area Days



Name	Type	Platforms	Apple ID	Sales (USD)	Previous 7 Days	
1 Bag of Gems	In App	iOS	1693876439	\$785K	\$783K	▲ 0.2%
2 Bucket of Gems	In App	iOS	1664429630	\$428K	\$415K	▲ 3.1%
3 Barrel of Gems	In App	iOS	1065010392	\$79.6K	\$76K	▲ 4.8%
4 Event powerup 1	In App	iOS	1003304360	\$0	\$0	N/A

App Store Connect Sales and Trends

- Overview
- SUBSCRIPTIONS
- Summary
- Retention
- State
- Event
- SALES
- Units
- Sales**
- Proceeds
- Pre-Orders
- SAVED
- Sales and Trends Reports
- Payments and Financial Reports

Content Bag of Gems Bucket of Gems Barrel of Gems Event powerup 1 Add Filters Clear All

\$1.29M Sales ▲ 1.4%

Last 7 Days: May 16 - 22, 2019 UTC

Content Territory Device Category Content Type Transaction Type CMB Version Client

Sales per Day Area Days



Name	Type	Platforms	Apple ID	Sales (USD)	Previous 7 Days	
1 Bag of Gems	In App	iOS	1693876439	\$785K	\$783K	▲ 0.2%
2 Bucket of Gems	In App	iOS	1664429630	\$428K	\$415K	▲ 3.1%
3 Barrel of Gems	In App	iOS	1065010392	\$79.6K	\$76K	▲ 4.8%

4	Event powerup 1	In App	iOS	1003304360	\$0	\$0	N/A
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App Store Connect Sales and Trends

- Overview
- SUBSCRIPTIONS
- Summary
- Retention
- State
- Event
- SALES
- Units
- Sales**
- Proceeds
- Pre-Orders
- SAVED
- Sales and Trends Reports
- Payments and Financial Reports

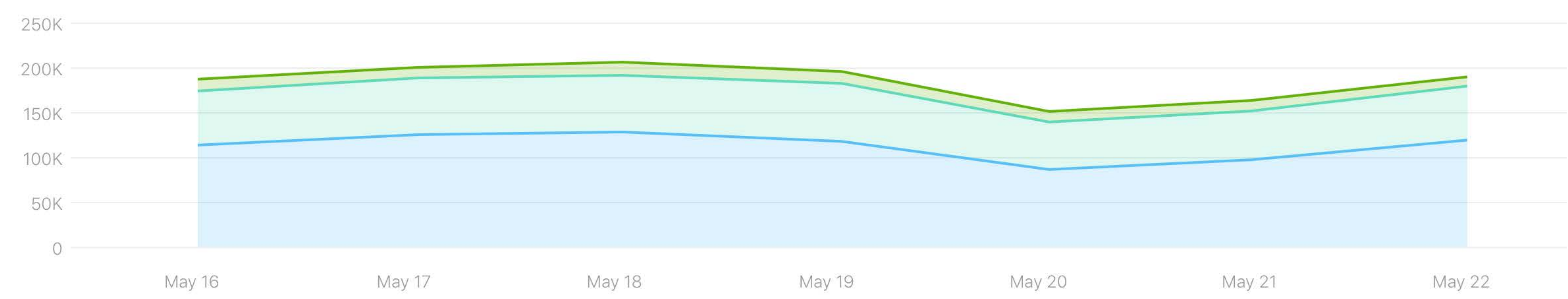
Content Bag of Gems Bucket of Gems Barrel of Gems Event powerup 1 Add Filters Clear All

\$1.29M Sales ▲ 1.4%

Last 7 Days: May 16 - 22, 2019 UTC

Content Territory Device Category Content Type Transaction Type CMB Version Client

Sales per Day Area Days



Name	Type	Platforms	Apple ID	Sales (USD)	Previous 7 Days	
1 Bag of Gems	In App	iOS	1693876439	\$785K	\$783K	▲ 0.2%
2 Bucket of Gems	In App	iOS	1664429630	\$428K	\$415K	▲ 3.1%
3 Barrel of Gems	In App	iOS	1065010392	\$79.6K	\$76K	▲ 4.8%
4 Event powerup 1	In App	iOS	1003304360	\$0	\$0	N/A

App Store Connect Sales and Trends

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Content Bag of Gems Bucket of Gems Barrel of Gems Event powerup 1 Add Filters Clear All

\$1.29M Sales ▲ 1.4%

Last 7 Days: May 16 - 22, 2019 UTC

Content Territory Device Category Content Type Transaction Type CMB Version Client

Sales per Day

Name	Type	Platforms	Apple ID
1 Bag of Gems	In App	iOS	16938764
2 Bucket of Gems	In App	iOS	16644296
3 Barrel of Gems	In App	iOS	10650103
4 Event powerup 1	In App	iOS	10033043

Range Week Month Quarter Year

- ✓ Last 24 Hours
- Last 7 Days
- Last 30 Days
- Last 90 Days
- Last 365 Days
- Lifetime

Custom Range

05/16/2019 05/22/2019

App Store Connect Sales and Trends

- Overview
- SUBSCRIPTIONS
- Summary
- Retention
- State
- Event
- SALES
- Units
- Sales**
- Proceeds
- Pre-Orders
- SAVED
- Sales and Trends Reports
- Payments and Financial Reports

Content Bag of Gems Bucket of Gems Barrel of Gems Event powerup 1 Add Filters Clear All

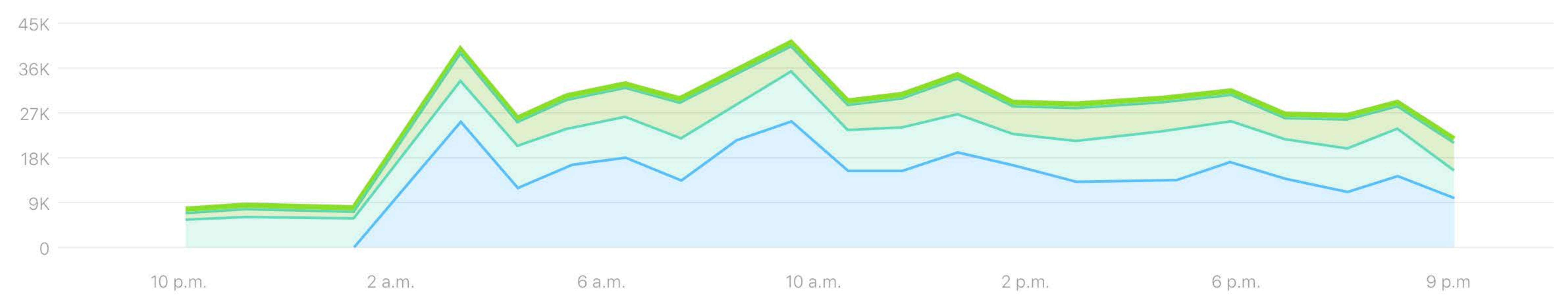
\$622.8K Sales ▼ 237%

Last 24 Hours: May 22 - 23, 2019 UTC

Content Territory Device Category Content Type Transaction Type CMB Version Client

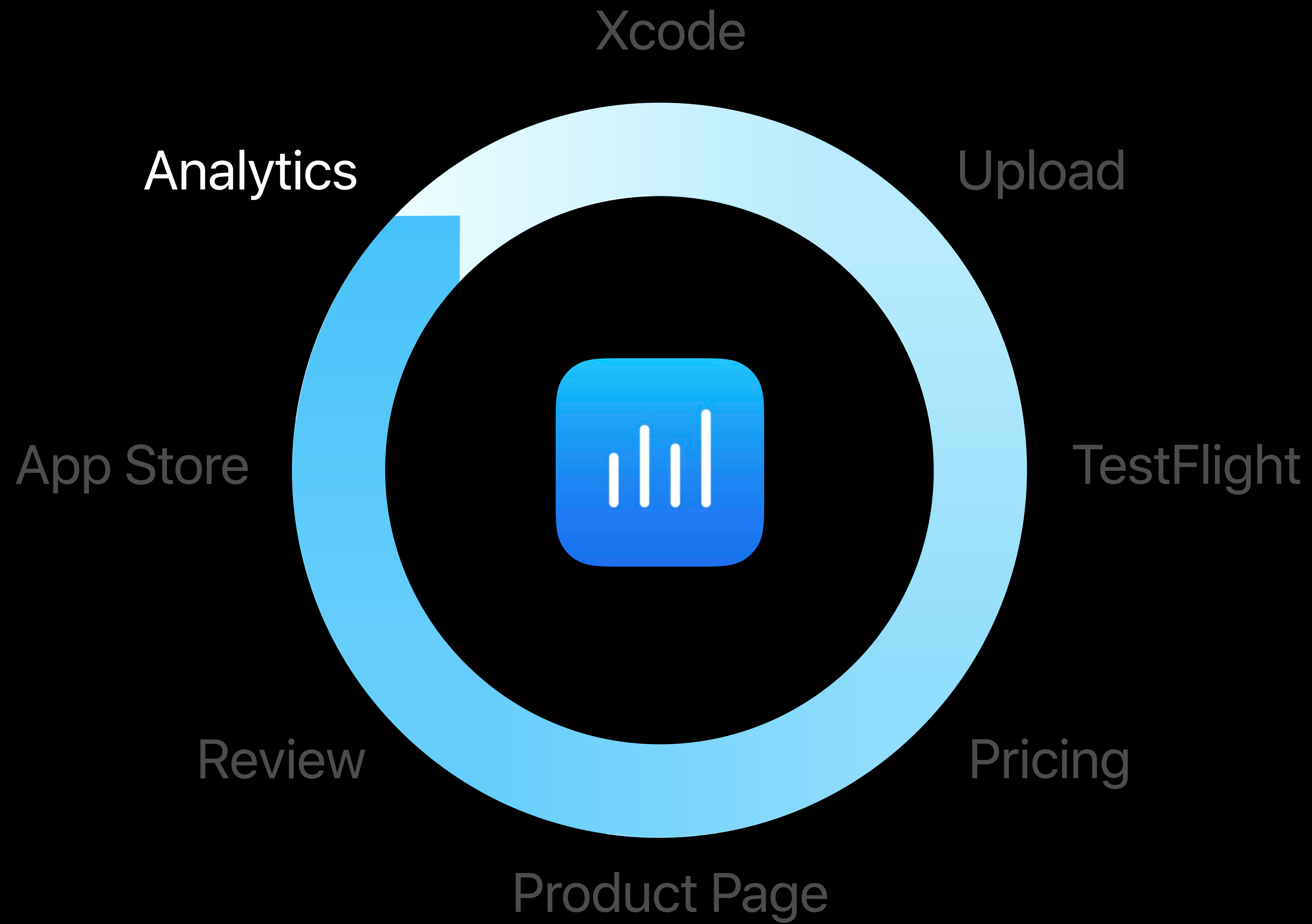
Sales per hour

Area Hours



Name	Type	Platforms	Apple ID	Sales (USD)	Previous 24 Hours
1 Event powerup 1	In App	iOS	1003304360	\$318K	\$0
2 Bag of Gems	In App	iOS	1693876439	\$175K	\$112K ▲ 56%
3 Bucket of Gems	In App	iOS	1664429630	\$115K	\$61K ▲ 87%
4 Barrel of Gems	In App	iOS	1065010392	\$14.8K	\$11.3K ▲ 30%

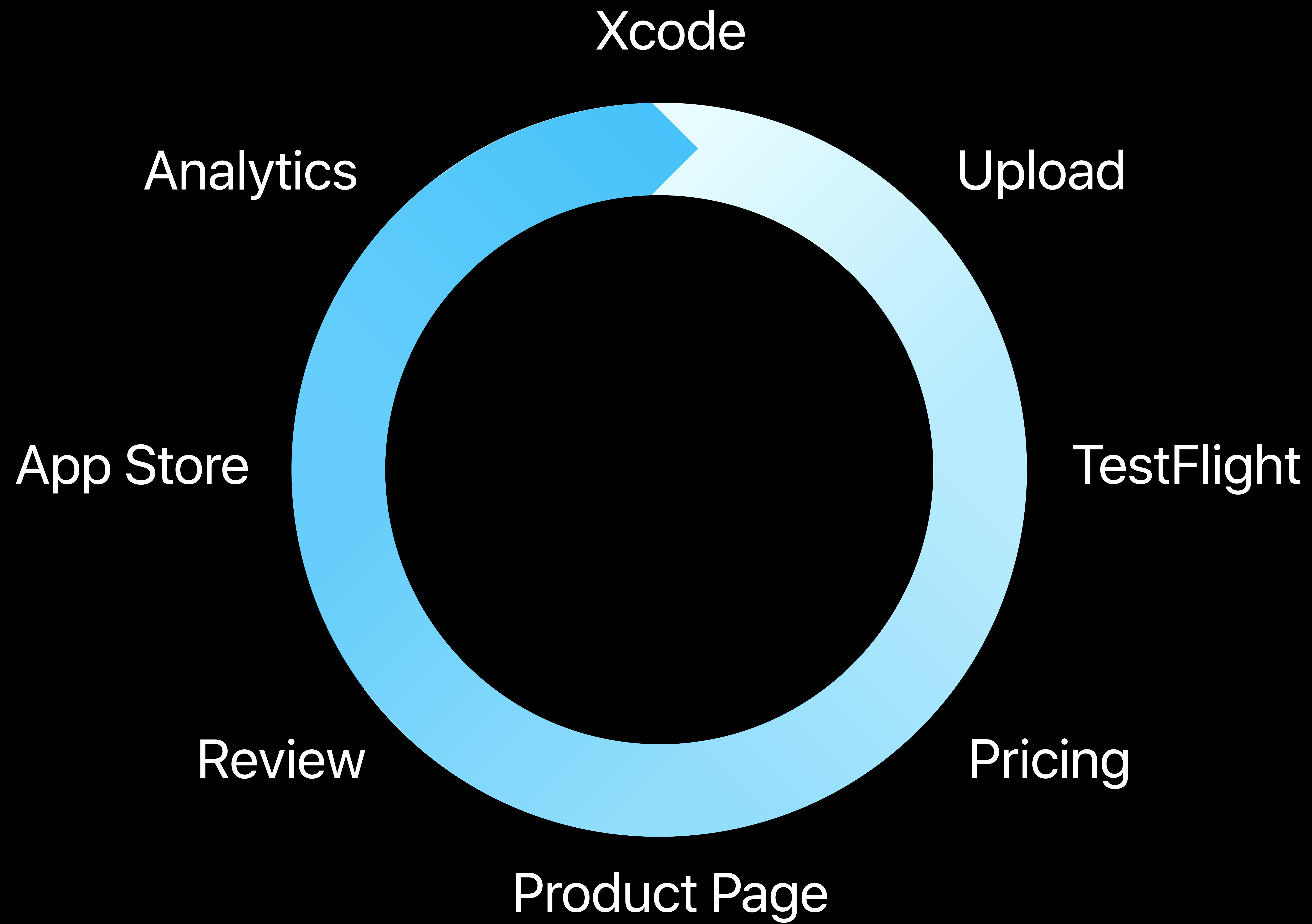
App Lifecycle



App Lifecycle



App Lifecycle



More Information

developer.apple.com/wwdc19/301

App Store Connect and TestFlight Lab

Friday, 9:00

In-App Purchases and Subscriptions Lab

Friday, 3:00

