

Step3: Press + icon to add new device

Developer

Vrajesh Sukhadiya
Cimcon Lighting Inc. - 63PFD8MF4B

Certificates, Identifiers & Profiles

No file chosen

< All Devices

Register a New Device

Continue

Register Devices
To create a provisioning profile for app testing and ad hoc distribution, you'll need to specify registered devices. If you use automatic signing, Xcode registers connected devices for you. Xcode Server can also be configured to register connected devices.

Note: If you remove a registered device from your account, it will continue to count against your device limit. At the start of your new membership year, Account Holders and Admins will be presented with the option to remove listed devices and restore the available device count.

Register a Device

Name your device and enter its Unique Device Identifier (UDID).

Platform

iOS, iPadOS, tvOS, watchOS, visionOS

Device Name

Device ID (UDID)

Register Multiple Devices

Upload a file containing the devices you wish to register. Please note that a maximum of 100 devices can be included in your file and it may take a few minutes to process.
[Download sample files >](#)

Device List

Choose File

Step 4: Get UDID - refer this [Get UDID](#)

Step 5: Continue and register it

How to create Certificate and provision profile in iOS

Identifier - Bundle id of particular app, e.g:

Profile: Development, Distribution

Certificate: System level - Developer identification

Step 1: Go to <https://developer.apple.com/account> and sign in with your apple developer account.


Step2: Choose Certificates, - middle column


[Apple Developer](#)[News](#)[Discover](#)[Design](#)[Develop](#)[Distribute](#)[Support](#)[Account](#)


🔍


Account


Vrajesh Sukhadiya ▾
Cimcon Lighting Inc.



Program resources


Email preferences



Membership details


Device reset date



Code-level support


Agreements


Program resources


App Store Connect
Manage your app's builds, metadata, and more on the App Store.

- Apps
- Analytics
- Trends
- Reports
- Users and Access
- Agreements, Tax, and Banking


Certificates, Identifiers & Profiles
Manage the certificates, identifiers, profiles, and devices required to develop, test, and distribute apps.

- Certificates
- Identifiers
- Devices
- Profiles
- Keys
- Services


Additional resources
Download beta software, and view and manage your usage of developer services.

- Software Downloads
- Feedback Assistant
- Xcode Cloud
- CloudKit
- MapKit JS
- WeatherKit

Step 3: The certificate has 2 parts. (Development and distribution) it depends on us which we like. I choose Apple development.

Certificates, Identifiers & Profiles

< All Certificates

Create a New Certificate

Continue

Software

- ☒ **Apple Development**
Sign development versions of your iOS, macOS, tvOS, and watchOS apps. For use in Xcode 11 or later.
- ☐ **Apple Distribution**
Sign your apps for submission to the App Store or for Ad Hoc distribution. For use with Xcode 11 or later.
- ☐ **iOS App Development**
Sign development versions of your iOS app.
- ☐ **iOS Distribution (App Store and Ad Hoc)**
Sign your iOS app for submission to the App Store or for Ad Hoc distribution.
- ☐ **Mac Development**
Sign development versions of your Mac app.
- ☐ **Mac App Distribution**
This certificate is used to code sign your app and configure a Distribution Provisioning Profile for submission to the Mac App Store.
- ☐ **Mac Installer Distribution**
This certificate is used to sign your app's Installer Package for submission to the Mac App Store.
- ☐ **Developer ID Application**
This certificate is used to code sign your app for distribution outside of the Mac App Store.
This operation can only be performed by the Account Holder.

Services

- ☐ **Apple Push Notification service SSL (Sandbox)**
Establish connectivity between your notification server and the Apple Push Notification service sandbox environment to deliver remote notifications to your app. A separate certificate is required for each app you

Step 4: Add the CSR file, and Certificate Signing request. see this [Create a certificate signing request - Create certificates - Account - Help - Apple Developer](#)

Certificates, Identifiers & Profiles

< All Certificates

Create a New Certificate

Back

Continue

Upload a Certificate Signing Request

To manually generate a Certificate, you need a Certificate Signing Request (CSR) file from your Mac. [Learn more >](#)

Choose File

CertificateSigningRequest.certSigningRequest

Step 5: Download the certificate

Certificates, Identifiers & Profiles

< All Certificates

Download Your Certificate

Download

Certificate Details

Certificate Name
Vrajesh Sukhadiya

Expiration Date
2024/02/23

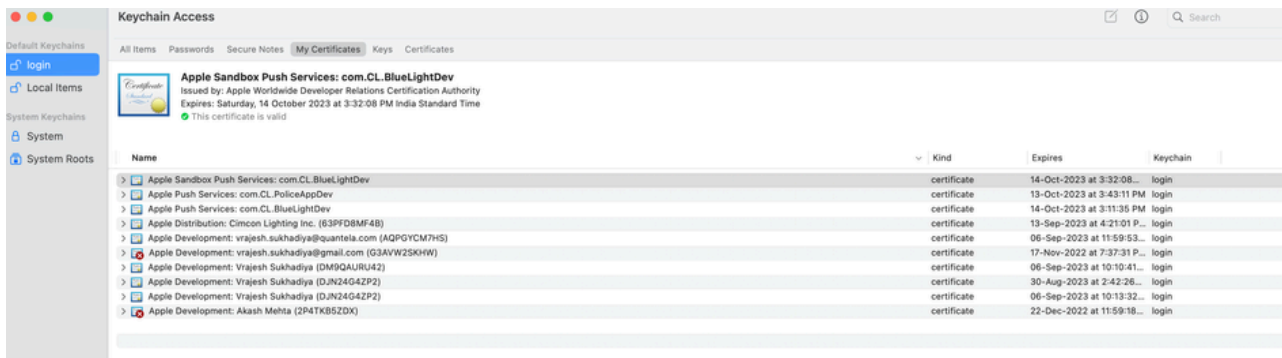
Certificate Type
Development

Created By
Vrajesh Sukhadiya
(vrajesh.sukhadiya@quantela.com)

Download your certificate to your Mac, then double click the .cer file to install in Keychain Access. Make sure to save a backup copy of your private and public keys somewhere secure.

Step 6: After download, we need to click on and then this will be installed into our machine

You can see this install certificate from Keychain Access - > MyCertificate tab



Step 7: Now you can create identifier and add device, here we have already created identifier so we are going with provisional certificate for app distribution and local export ipa

Certificates, Identifiers & Profiles

	Profiles +				All Types ▾ All Platforms ▾		Edit
	NAME ▾	PLATFORM	TYPE	EXPIRATION			
ertificates	AD_HOC_BLUE_LIGHT	iOS	Ad hoc	2023/09/13			
entifiers	AD_HOC_CAMPUS_SECURITY	iOS	Ad hoc	2023/09/13			
evices	Cert_Smart_City_Production	iOS	App Store	2021/01/06			
rofiles							
keys							
evices							

Click on + icon

Certificates, Identifiers & Profiles

[All Profiles](#)

Register a New Provisioning Profile

Continue

Development

- ☐ **iOS App Development**
Create a provisioning profile to install development apps on test devices.
- ☐ **tvOS App Development**
Create a provisioning profile to install development apps on tvOS test devices.
- ☐ **macOS App Development**
Create a provisioning profile to install development apps on test devices.
- ☐ **DriverKit App Development**
Create a provisioning profile to install development driverkit extensions on iOS, iPadOS, and macOS test devices.

Distribution

- ☐ **Ad Hoc**
Create a distribution provisioning profile to install your app on a limited number of registered devices.
- ☐ **tvOS Ad Hoc**
Create a distribution provisioning profile to install your app on a limited number of registered tvOS devices.
- ☒ **App Store**
Create a distribution provisioning profile to submit your app to the App Store.
- ☐ **tvOS App Store**
Create a distribution provisioning profile to submit your tvOS app to the App Store.
- ☐ **Mac App Store**
Create a distribution provisioning profile to submit your app to the Mac App Store.
- ☐ **Developer ID**
Create a Developer ID provisioning profile to use Apple services with your Developer ID signed applications.

Here we can create both profiles. (Development and Distribution)

Step 8: Choose an identifier

Certificates, Identifiers & Profiles

[All Profiles](#)

Generate a Provisioning Profile

Back

Continue

Select Type > Configure > Generate > Download

Select an App ID

If you plan to use services such as Game Center, In-App Purchase, and Push Notifications, or want a Bundle ID unique to a single app, use an explicit App ID. Uploading apps to the App Store requires an explicit App ID. In the future, wildcard app IDs will no longer appear when creating an App Store provisioning profile.

App ID: 22 App IDs

Select...

- Park Safety Production (63PFD8MF4B.com.CL.ParksafetyPro)
- Police App Development (63PFD8MF4B.com.CL.PoliceAppDev)
- CimconLG (63PFD8MF4B.com.Cimcon.LG)**
- EZInstall53 (63PFD8MF4B.com.CL.ezinstallhybrid)
- First Responder App (63PFD8MF4B.com.CL.FirstResponderDev)
- NS360 Connect (63PFD8MF4B.com.CL.NS360Connect)
- CIMCON Master (63PFD8MF4B.com.CL.CIMCONMaster)
- NearSky (63PFD8MF4B.com.NearSky.Cimcon)

Step 9: Give name of profile and press generate

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Certificates, Identifiers & Profiles

[All Profiles](#)

Generate a Provisioning Profile

BackGenerate

Select Type > Configure > Generate > Download

Review, Name and Generate.

The name you provide will be used to identify the profile in the portal.

Provisioning Profile Name

LG_DEMO_PROFILE

Type

App Store

App ID

CimconLG(63PFD8MF4B.com.Cimcon.LG)

Certificates

1 Selected

Give the name of the profile

Step 10:

Developer

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Certificates, Identifiers & Profiles

[All Profiles](#)

Generate a Provisioning Profile

Download

Download and Install

Download and double click the following file to install your Provisioning Profile.

Name: LG_DEMO_PROFILE

Type: App Store

App ID: 63PFD8MF4B.com.Cimcon.LG

Expires: 2023/09/13

Download and install into mac

Certificates, Identifiers & Profiles

< All Profiles

Review Provisioning Profile

Download

Remove

Edit

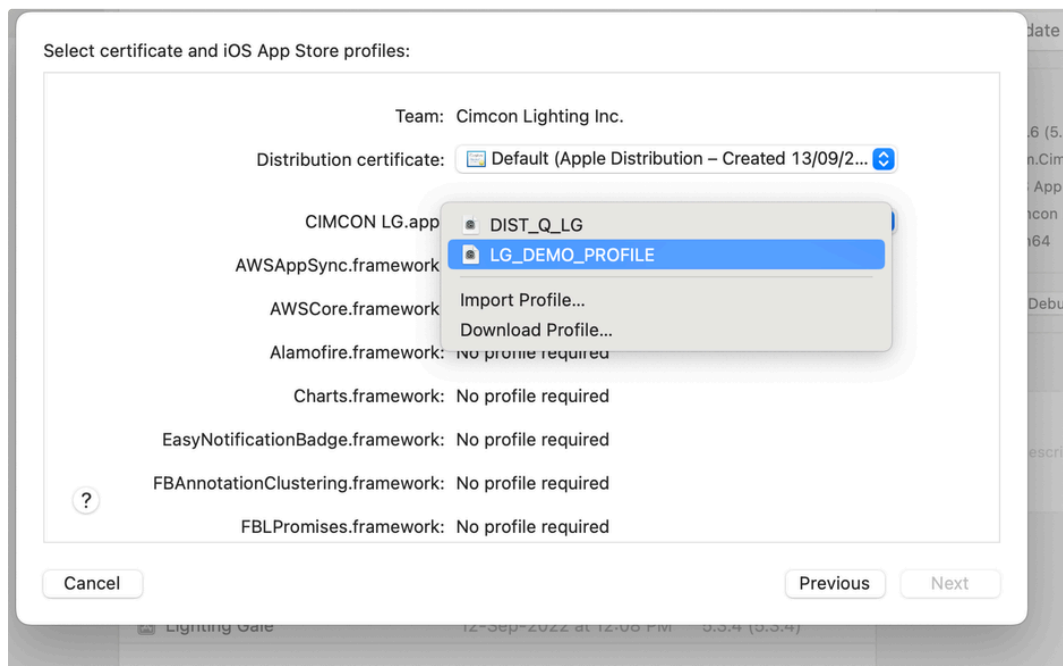
Name	Status
LG_DEMO_PROFILE	Active
Platform	Expires
iOS	2023/09/13
Type	Enabled Capabilities
App Store	In-App Purchase, Push Notifications
Created By	
Vrajesh Sukhadiya (vrajesh.sukhadiya@quantela.com)	

App ID
CimconLG (com.Cimcon.LG)

Certificates
1 total

After creation of profile

Step 12: while we are distributing ipa select this profile.



Steps for iOS build creation

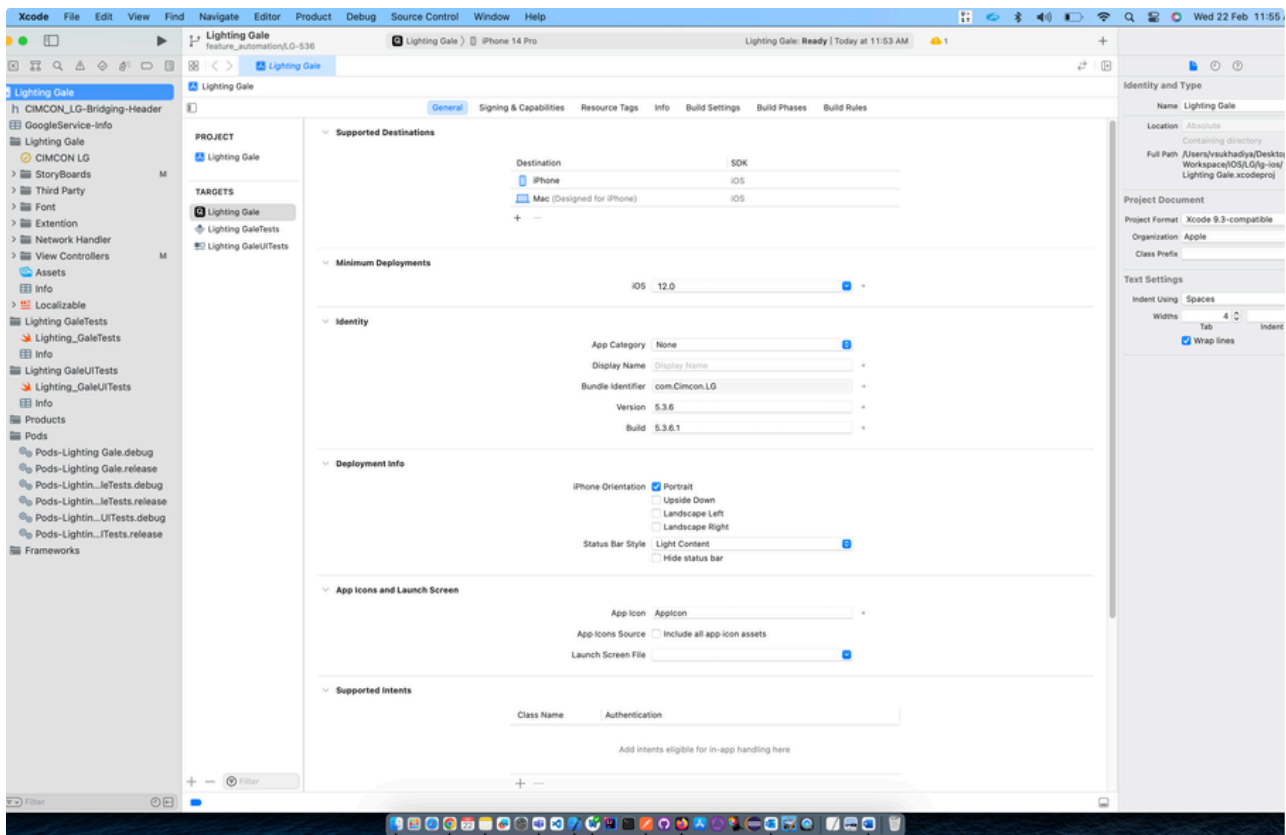
Note: A Macbook and Xcode is required.

Step 1: Open Xcode (select **Lighting Gale.workspace**) and select the project or Get the project from the above-mentioned repo and branch

Step 2: Go to

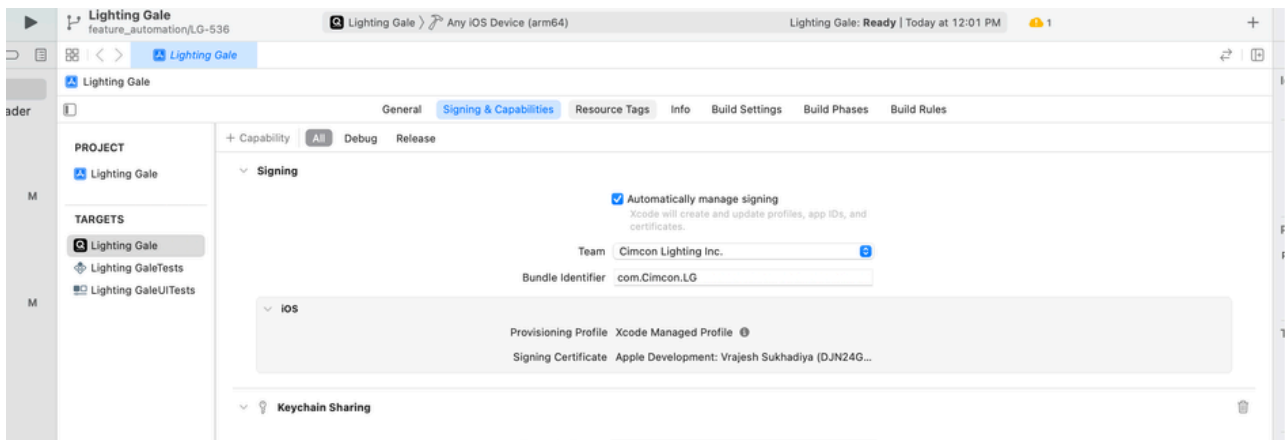
Targets → Lighting Gale check version and build

The build is depends on the version and should be incremental

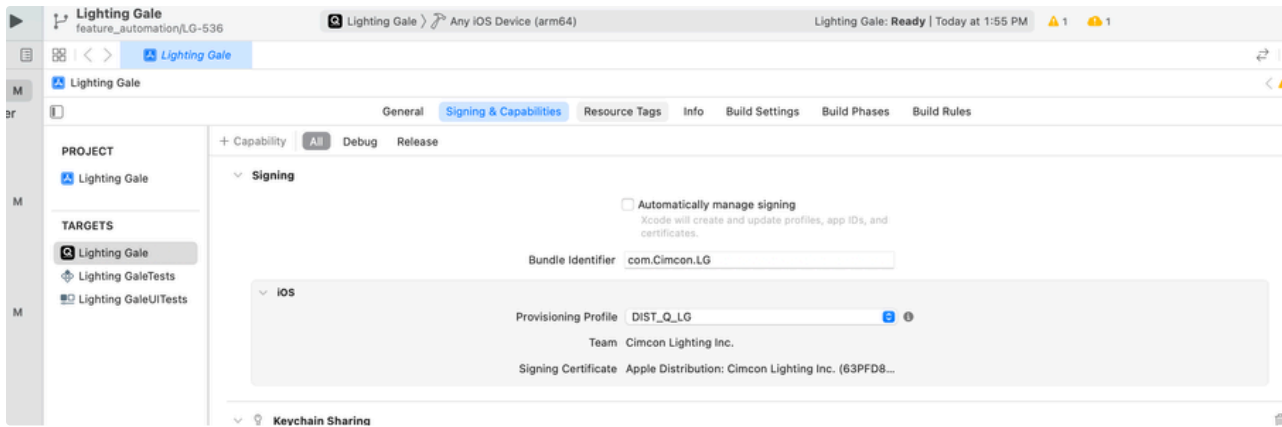


Step 3: Go to the Signing and capabilities tab. you can find Provisioning Profile and Signing Certificate

We have to install the provisioning profile which contains the LG app bundle id and other formalities.

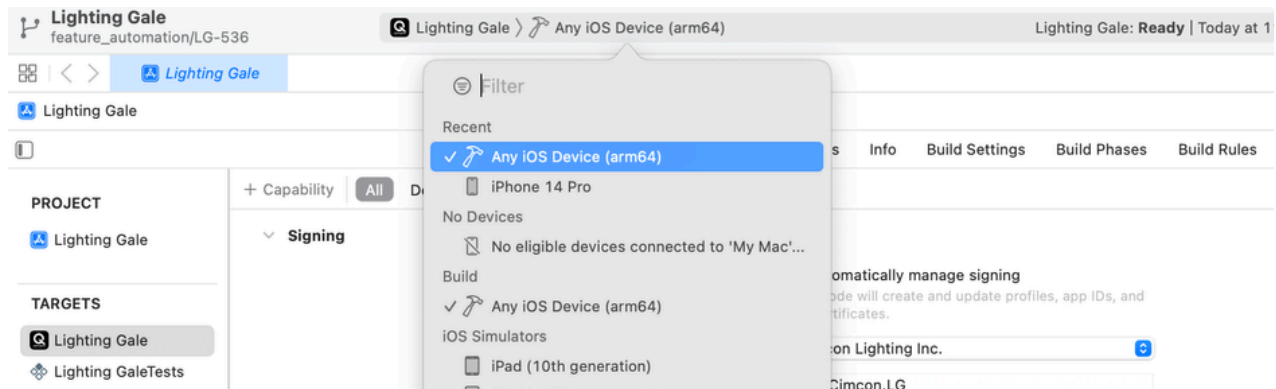


If we not select Automatically manage signing . We have to select Distribution profile

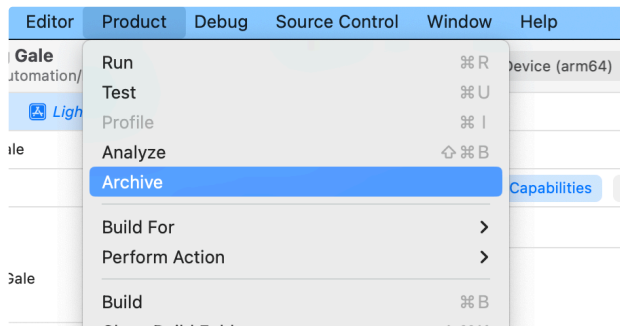


(Please see the below of document: Steps for how to create a certificate and provisioning profile)

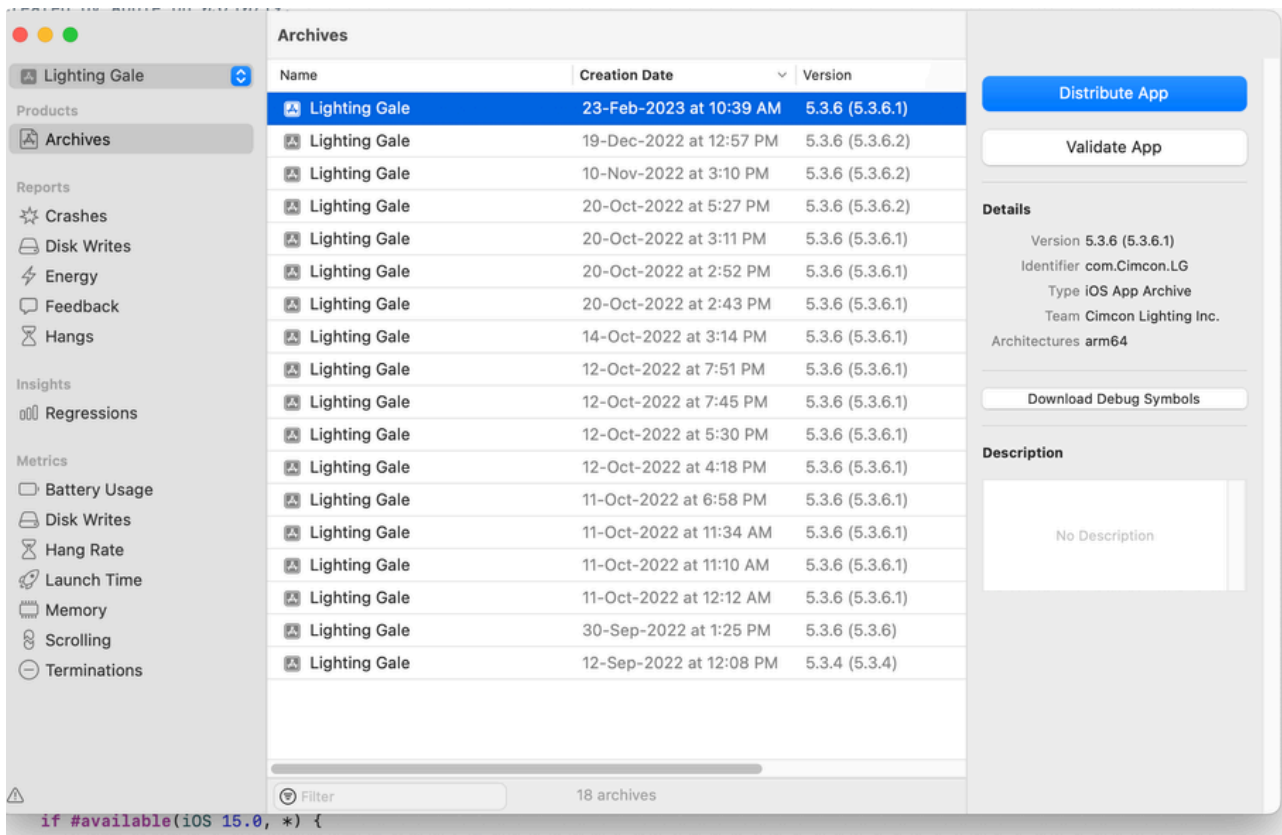
Step 4: Select Any iOS device (arm 64)



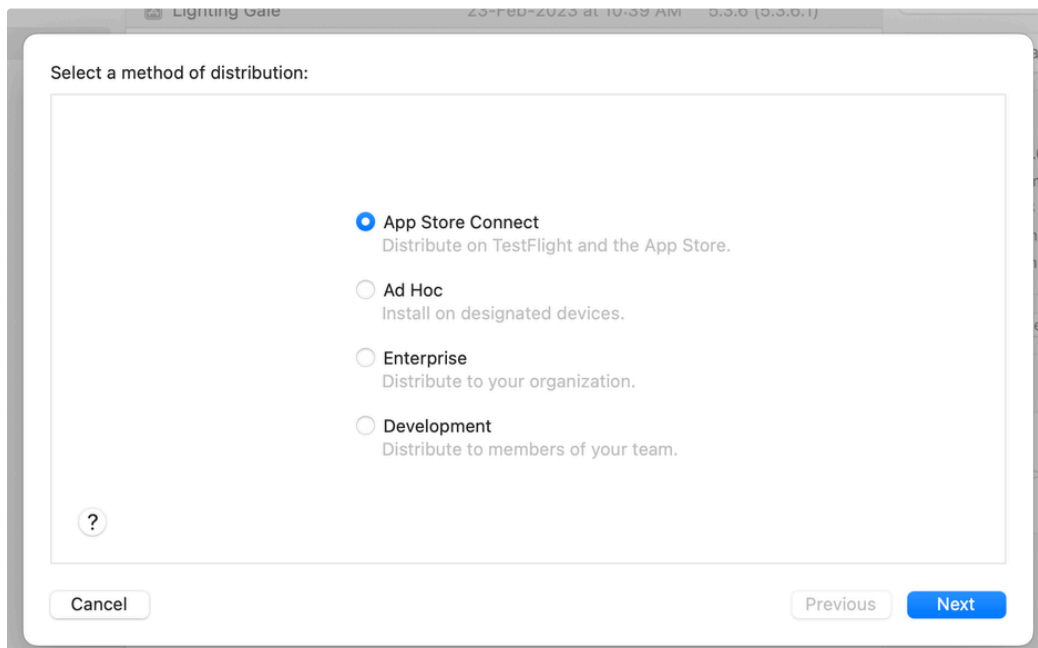
Step 5: Then go to Product and Press Archive. Wait for sometime.



Step 6: After some time Xcode opens below UI. We have to click **Distribute App** or you can **Validate App**



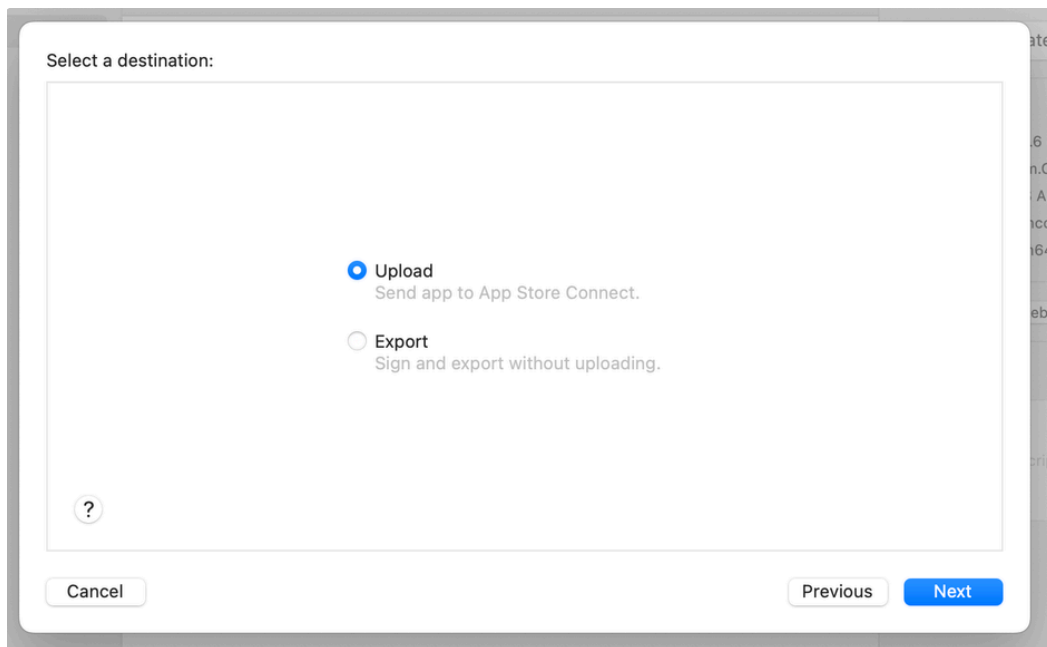
Below option indicates,



Choose different option

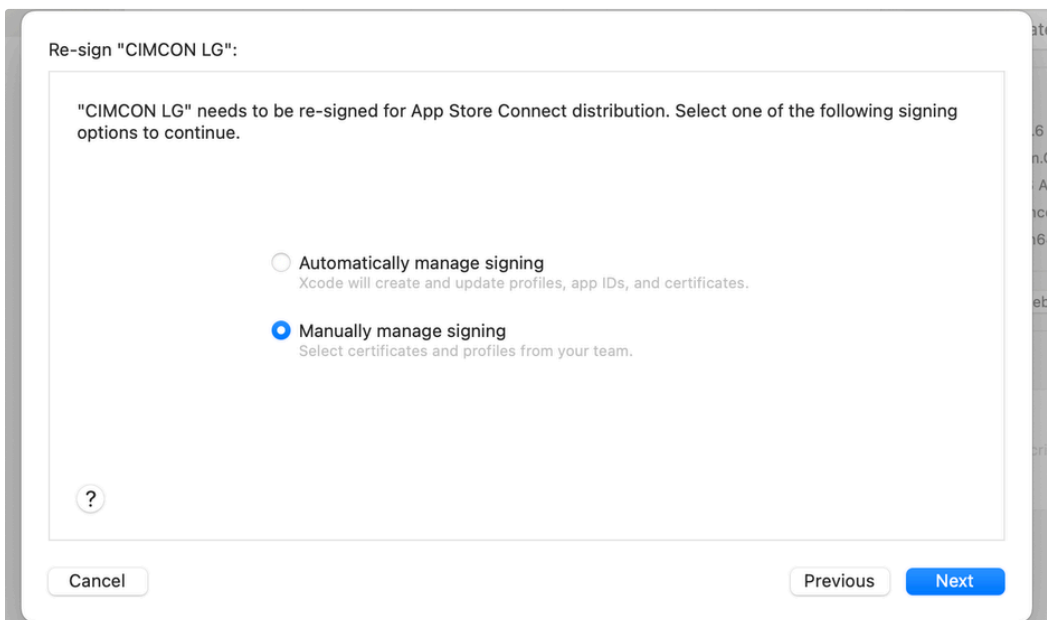
App store connect: This option is used for uploading apps on TestFlight

Development: for developer internal test - QA, Employees, etc internal organization

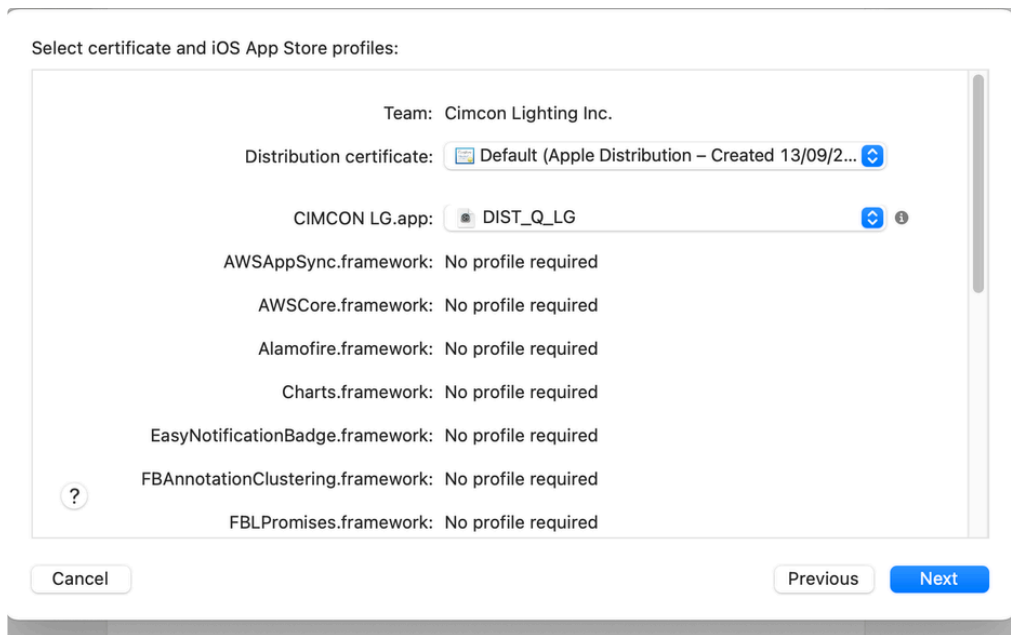


The upload option is used for upload on testFlight, Export is used for get .ipa file

Step 7: Choose below option



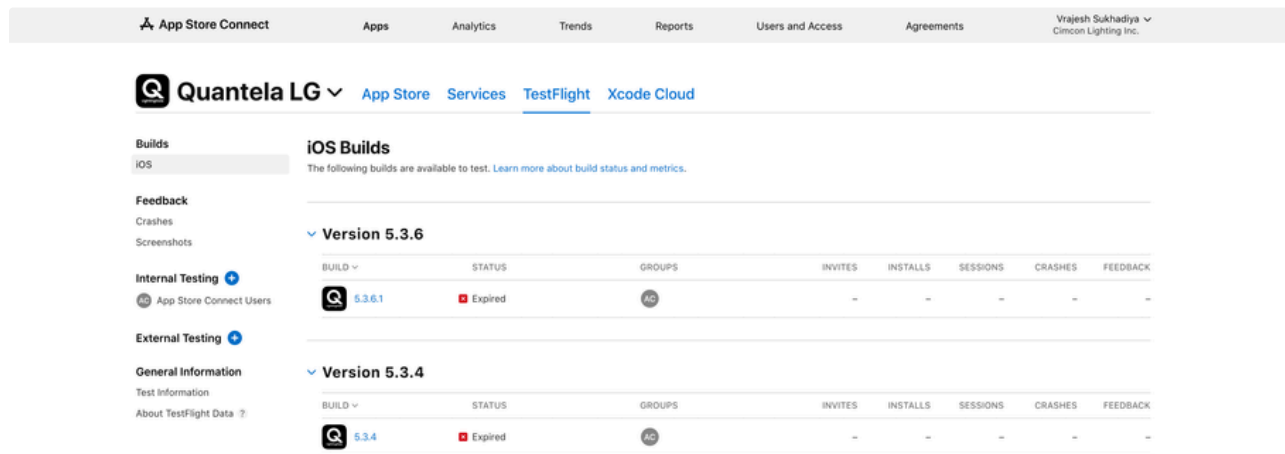
Step 8: Select certificate and provisional certificate (please check certificate creation section)



Step 9: After uploading build open developer.apple.com

Sign in with your developer account.

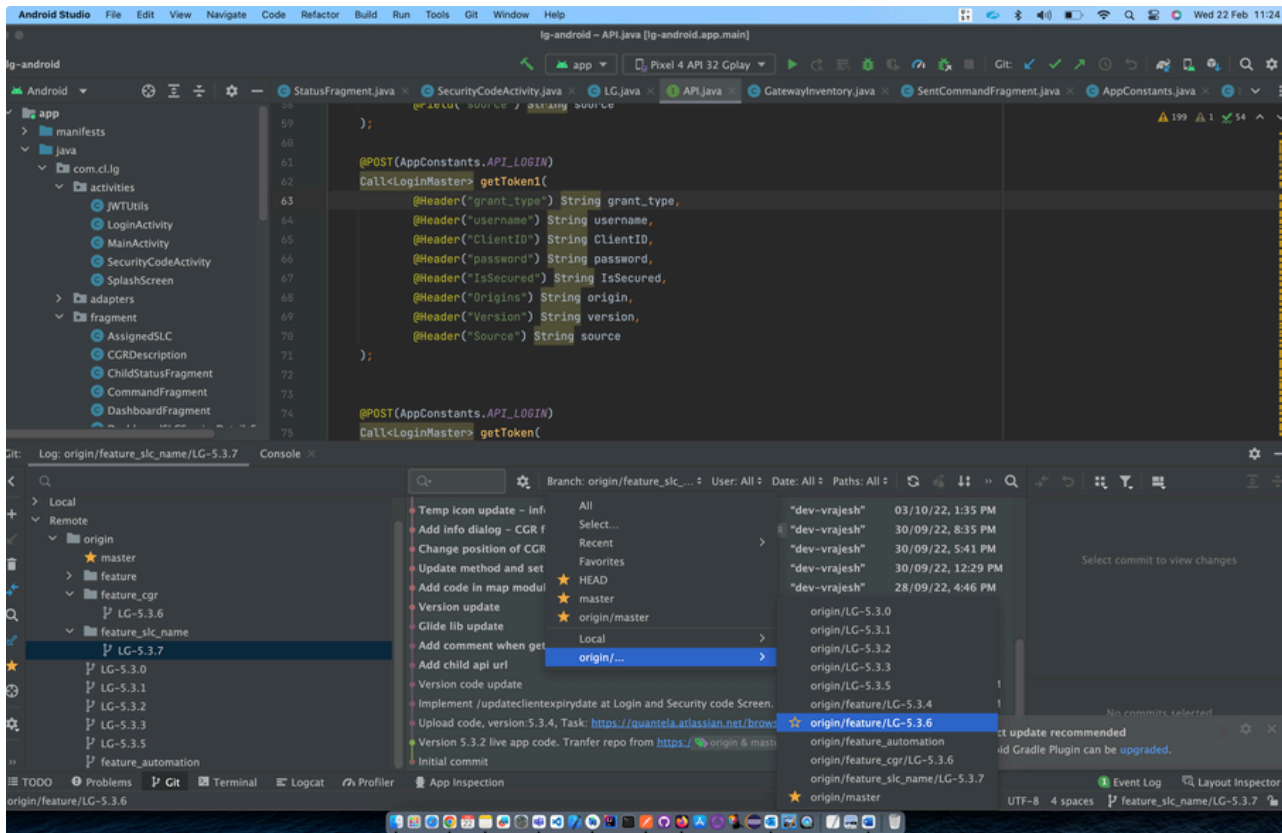
Go to Your app → Tap on the TestFlight tab. You can see your build was uploaded.



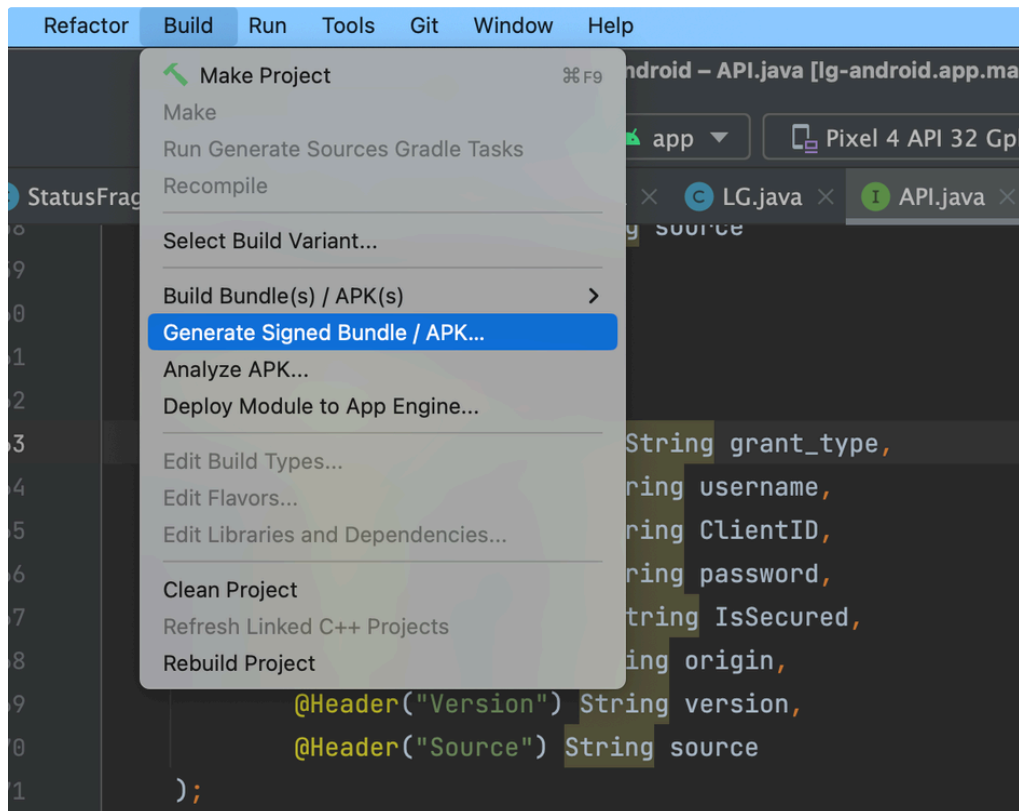
Steps for Android build creation

Step 1: Open Android studio → Open project/import from Git → Wait for Gradle sync

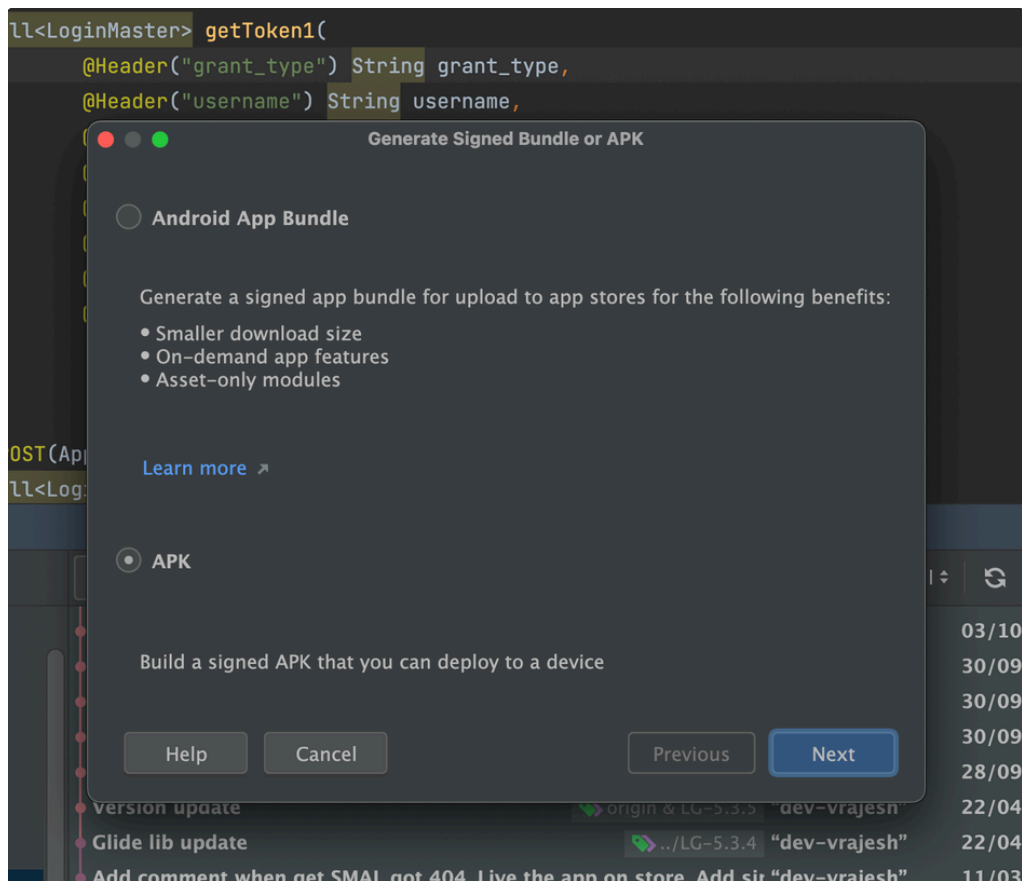
Step 2: select a particular branch → (See the below screenshot - android studio dolphin 2021.3.1)



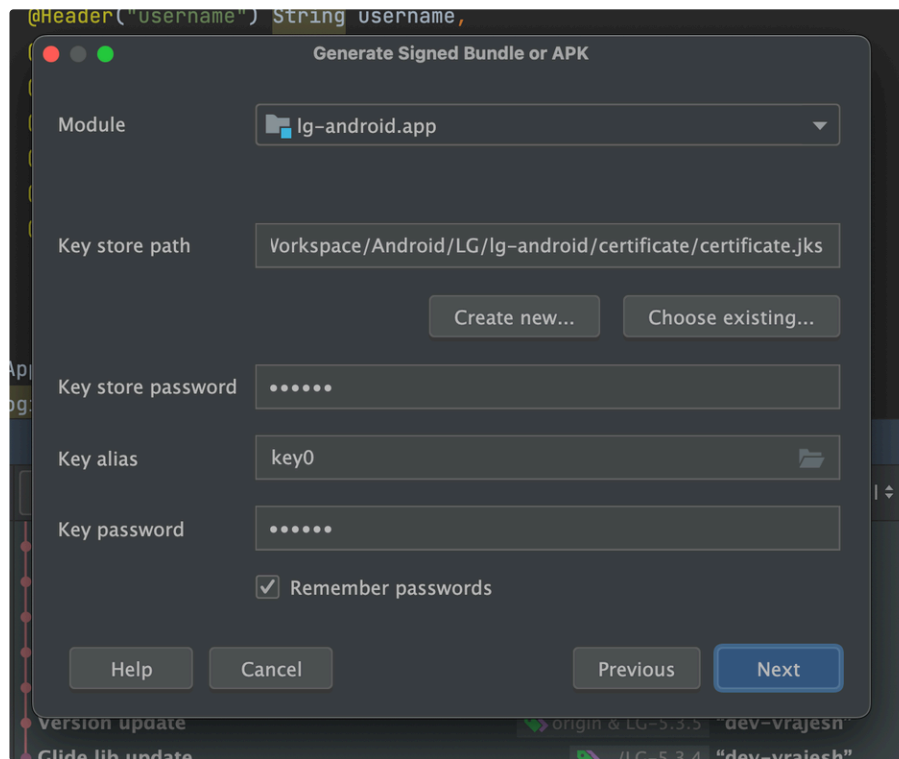
Step 3: Go to Build and select Generate Signed Bundle / APK



Step 4: Select APK



Step 5: Select the key store path, then enter a password, and key alias, and press next.



Step 6: Select release and press finish, Give location for apk file. Wait for moment