Steps for Push notifications in IOS

Step 1: Add firebase to project

1. Create a Firebase Project .
2. Add firebase CLI to your devices.
3. Run flutterfire configure in your project terminal of vscode.
4. Chose the firebase project you want to work with.
5. Select the platforms for your application .
6. Follow some steps as they appears in terminal .
7. import firebase\_core and firebase option package in main .dart
8. In void main before runApp . intialize the firebase

(await Firebase.initializeApp(  
  options: DefaultFirebaseOptions.currentPlatform,  
);

),

1. Now run The project (if it run without error then its successfully connect with firebase ).
2. Done.

Step2 : Add push notification flutter app

1. Open your project on Xcode.
2. Goto Signing and Capabilities section
3. Click on Add icon from top right coner of nav bar.
4. Drag out the push notification and background mode from list .
5. In background modes select remote notification and background fetch
6. Done.

Step3: Create Apns or p12 certificates for firebase

1. Goto the apple developer website .
2. Click on certificates and select the project from list of project that you have uploaded.
3. In Capabilities list of your project select push notifications
4. Click on configure and upload the certificate of sign.
5. After uploading the certificates we will get an option to download .csr file .
6. Click on Download.
7. After the download double click on the downloaded file
8. Open keychain and select the file that you have download
9. Click on export to get the .p12 certificate

Step4: Add Firebase cloud message to your project

1. Open your firebase project
2. Click on gear icon and select project setting,
3. Goto to cloud messageing and upload the .p12 file there
4. Now you are ready to use firebase push notification

Final step: code your project to recive the notification

Steps to create certificate of sign

1. To create that certificate we need to go to Application/Utilities/keychain.
2. In Keychain click on keychain access at top of the nav bar.
3. Click on certificate Assistant.
4. Select the request for certificate for certification authority.
5. Enter your email that is register with your apple account .
6. Select the saved to desk option.
7. Click on save button and provide location

Now you have created the certificate sucessfullly.

For more details follows this links

<https://firebase.google.com/docs/flutter/setup?platform=ios>

<https://firebase.google.com/docs/cloud-messaging/flutter/client>

<https://www.ssl.com/how-to/csr-generation-in-macos-keychain-access/>