**iOS RELEASE PROCESS**

**Demo App :**

**Generate .iPA file from visual studio:**

1. need to install certificate into mac by tapping on certificate.p12 file   
TFS path - TFS/iCampus/Documents/Standards/MobileApp\_Key/iOS/Certificates.p12

Password - TFS/iCampus/Documents/Standards/MobileApp\_Key/iOS/p12 credentials.txt

2. Need to install provision profile on mac machine by tapping on it   
UAT Provision profile TFS path - TFS/iCampus/Documents/Standards/MobileApp\_Key/iOS/iCampus\_UAT\_20200119.mobileprovision

Live Provision profile TFS path - TFS/iCampus/Documents/Standards/MobileApp\_Key/iOS/iCampus\_Live\_20200119.mobileprovision

3. iOS project > right click and select option > iOS bundle signing :  
a) set configuration as Adhoc and iPhone  
b) select installed signing identity certificate and provision profile and click ok  
  
4.make sure iOS project > right click and select option > iOS iPA option > build iPA option is checked and package name is not null  
  
5.build project and ipa file will generate . you can find .iPa file into iOS project > bin folder > iphone > adhoc > .ipa file

**Upload .ipa file into app center**

App center - <https://appcenter.ms/apps>

Use gmail login

User - mobile@iconnect.ae

Password - 1c0N6@Nect$&$500

1.go to App Center,

2.go to your app

3.go to Distribute > Groups and select New release.

4.Follow the steps in the wizard. In the first step, choose the Release area to browse for the file you want to upload, or drag and drop the file onto the area.

5. Click on distribute and copy the download link

**Live App:**

**Changes in mobile app project before live release:**

1.iCampus.MobileApp project > TextResources.resx > IsDemoApp value should be false

2.iOS project > Info.plist > increment version and build ( **note : build number should be higher than existing uploaded builds** )

**iOS Project configuration:**1. need to install certificate into mac by tapping on certificate.p12 file   
TFS path - TFS/iCampus/Documents/Standards/MobileApp\_Key/iOS/Certificates.p12

Password - TFS/iCampus/Documents/Standards/MobileApp\_Key/iOS/p12 credentials.txt

2. Need to install provision profile on mac machine by tapping on it   
Live Provision profile TFS path - TFS/iCampus/Documents/Standards/MobileApp\_Key/iOS/iCampus\_Live\_20200119.mobileprovision

3. iOS project > right click and select option > iOS bundle signing :  
a) set configuration as Adhoc and iPhone  
b) select installed signing identity certificate and provision profile and click ok

4. Build and Run project once before archive

**iOS upload process:**

<https://appstoreconnect.apple.com/>

**Username**: mobile@iconnect.ae

**Password**: 1c0N6@Nect$&$500

**App specific password** : acvr-xmzn-fdiz-tvty

1.Right click on iOS project > select archive for publishing   
2.select the latest archive and click on sign and distribute. Select “app store” as iOS distribution channel  
3. Select upload and enter itunes user id and App specific password.   
4. Build will be uploaded to app store connect  
5. Open app store connect <https://appstoreconnect.apple.com/>

6. Go to my apps and select iCampus mobile app   
7.Click New Version. Enter your **app's** Version Number and Click Create.  
8.other app related details and screenshot will get reflected from previous version. You can modify it if required.  
9.enter what’s new in release description   
10.scroll down and go to select build and click on + icon

11.select latest uploaded build version from dropdown  
12.save and submit your changes.  
13.app status will be shown as waiting for review.

**For more details, refer -** <https://docs.microsoft.com/en-us/xamarin/ios/deploy-test/app-distribution/app-store-distribution/?tabs=windows>