**ANDROID RELEASE PROCESS**

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

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

2.Android project > Properties > AndroidManifest.xml > increment version name and Version Number ( **note :** **version number should be higher than existing uploaded builds**)

**Generate signed apk from visual studio:**

1.Right click on android project and select archive for publish option

2.once archive generated, click on sign and distribute option and then select **ad hoc** as distribution channel

3.select **existing keystor**e from files (key is already generated; TFS path - TFS/iCampus/Documents/Standards/MobileApp\_Key/Android/Keystore/iCampus Mobile.keystore )

4.Enter Password for keystore (TFS path - TFS/iCampus/Documents/Standards/MobileApp\_Key/Android/Keystore/Password.txt)

5.click on **publish** option and select path to save signed apk

**Demo App :**

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:**

Google Play console -<https://play.google.com/apps/publish>

**Username**: mobile@iconnect.ae

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

1. Google Play console > Application list > select iCampus.Mobile app (Published version)

2. Expand option Release management from left side menu

3. Select App release option

4. Select production track and click on manage

5. Click on create release

6. In “Android App Bundles and APKs to add” option, browse apk file.

7. Enter details such as What's new in this release? And Version Name

8. Click on save and then click on start to production rollout.

**For more details, refer -** <https://docs.microsoft.com/en-us/xamarin/android/deploy-test/publishing/publishing-to-google-play/?tabs=windows>