**Onboarding Application**

**Task 1: How to deploy an app on iOS**

There is lot of steps to deploy an app in IOS,

1. First of all one should have an apple ID, to go with
2. For deploying an application on iOS one should pay $99/year and for enterprise $299/year
3. Application can be deployed using Xcode IDE

* One should create Single view application
* Give your product name, Organization Name, Company identifier
* Store it in desktop
* Xcode have some bunch of simulators like iphone Retina (3.5 –inch),iphone Retina (4 – inch),iphone Retina (4 – inch 64-bit),ipad, ipad Retina, ipad Retina (64-bit)

1. Simulators don’t show bugs, the best practice is to emulate the code to the devices
2. For storing the application to the app store one should need certificate
3. One should need to upload the certificates that identify us

* Procedures:
* Xcode 🡪 preferences 🡪 Accounts 🡪 ‘+’ icon 🡪 iOS development and iOS description
* For using simulators these steps are not needed

1. Go to identifiers🡪 add app ID 🡪 Click ‘+’ icon 🡪 In app Description give app Name 🡪Bundle ID
2. In app services one can select certain functionalities like whether the app is used for game center , In-app purchase and all and click submit, then your registration is done and one can add devices
3. You can add any one of the device from the given, one can add 100 devices using their UDID(user device ID)
4. Now go to provisioning profile 🡪 all 🡪 ‘+’ icon 🡪 select iOS development (for testing) 🡪 to create a development profile 🡪 select app id🡪select certificate 🡪 (team means need to have separate certificate for all the team members)🡪select devices 🡪 Name profile and generate 🡪click download
5. Now go to Xcode 🡪 preferences🡪accounts🡪view details🡪and then click refresh 🡪 then select the provisioning profile name given.
6. And in project 🡪go to build setting🡪code signing 🡪change the details in code signing identity
7. Now check whether the device is been connected
8. Go to windows 🡪organizers🡪devices tab🡪check whether the devices is available(status changes to green)🡪Click run
9. Go to provisioning 🡪select profile name & download it to hardware.
10. For reference:

* <https://youtu.be/2O_8HAsz_gU>