Native app- java-android

Objective c,cyst-ios

Hybrid app

Native app-high maintainence

HTML,CSS,JS-

Embedded browser in an app-webgloo

Ionic framework-cordova framework(hybrid) – building &

Develop an app in cloud – goal

Ionic pro in cloud

Ionic framework – Hello world –

**IONIC**

**IONIC -framework to mobile apps with one codebase.**

**HTML,CSS,JS**

**Ionic cloud-to push and deploy**

**Nodejs- proj to build cmd line tools,web service and js libraries**

**Ionic cli(command line interpretors tools) – used to start,test and run ionic apps**

**Ionic pro-serve as a remote origin-use git to track code..this doesnot have those features**

Day today changes -in git

Ionic services-git push ionic master

After building and testing an ionic app –

1. **Hooks – scripts run before and after building& testing the app.**
2. Node modules – place where nodejs/npm stores all js dependencies (ionic,angular2)
3. Platform-is where cordova generates platform specific code.ios – objective c
4. Plugin – where cordova stores native plugin code(eg:Bluetooth)
5. Resources – stores icon,splash screens
6. Src- where app code runs
7. www-is static output for ionic app.root of web server.
8. Edit.config -for better code staandards.
9. Git ignore – example node module which should not be stored in git. So ignored.
10. Config – config file for cordova.
11. Ionic.config-config for ionic.
12. Package.json – node dependencies.
13. Tsconfig-config for typescript..ionic provides default typescript.
14. Tslint-linters tell u about code which is not formatted(formatttig codE) -when working with large group helps u maintain same format.

**SRC**

1. App-runs initial code.its like a tree structure where there is a root at the top .
2. Assests- stores images,icons tat gets bundled during build process.
3. Pages –
4. Themes- to change color and all
5. Decoration.ts – external modules for typing
6. Index.html – root file which gets put into www.starting point for app in visual stand point which kicks off the app
7. Manifest.json – identifies app as standalone app -progressive webapp
8. Service worker.js – for progressive webapp.