



# TEKsystems Global Services

Introduction to Native Mobile App Development

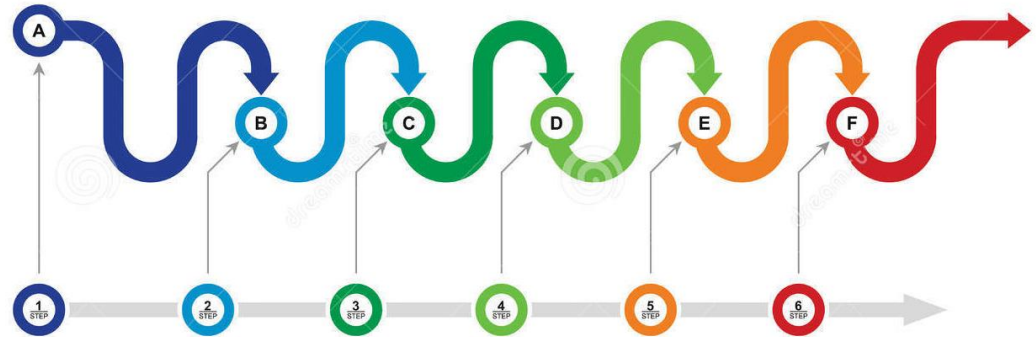
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Date of Presentation: Aug 26, 2020



# This session?

- Native Mobile Apps
- iOS/Android
- Programming Languages
- Development Tools
- Frameworks & Libraries
- Simulators & Emulators
- Build Sharing
- QA Tools
- UAT (User Acceptance Testing)
- Submitting to Stores & Approvals



# Native Mobile Apps

- Specific to one platform
- Access to device specific resources
- Performance
- Look and Feel



# iOS/ Android

- The two biggest platform
- Released 2007 & 2008



# Programming Languages

- Swift
- Objective-C
- Kotlin
- Java



# Development Tools

- Xcode
- Android Studio
- iOS simulators
- Android Emulators



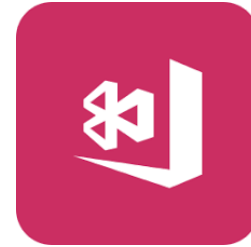
# Frameworks & Libraries

- CocoaPods
- Libraries & Frameworks

The CocoaPods logo, which consists of the text 'COCOPODS' in white, bold, uppercase letters, enclosed within a red rectangular box.

# Build Sharing

- TestFlight
- FireBase
- AppCenter
- Fabric



**Firebase**



**fabric**



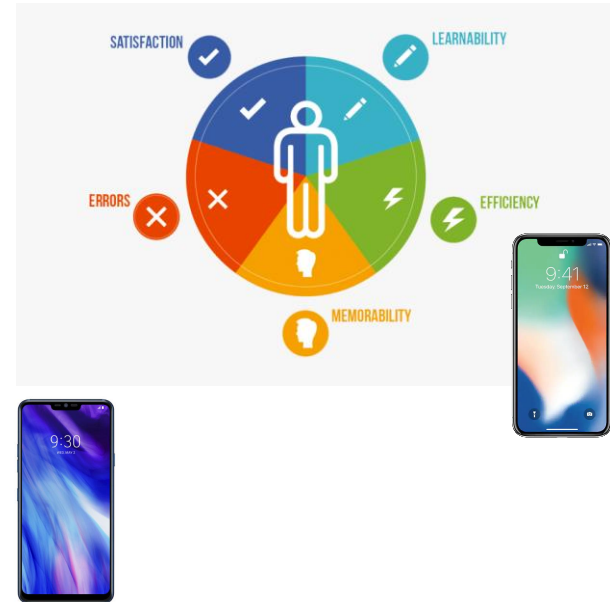
# QA Tools

- Appium
- Selenium
- Browser Stack
- Mobile Devices
- Simulates & Emulators



# UAT (User Acceptance Testing)

- The final stage of software development life cycle.
- Actual Users
- 20 – 50 + users
- Different roles



# Submitting to Stores & Approvals

- Title of the app
- Screenshots
- Description
- What's New
- Approval/ Rejection





# THANK YOU

