Fasttrack IT Academy

Advance iOS Mobile Applications Development



Course Description

This 6-day Advanced iOS Mobile Development Course is designed for experienced Developers who have already begun developing iOS Apps, who wish to utilize advance programming techniques. This course will teach you advance technologies such as data management, gesture recognition, integration of cloud services, app distribution, and App Store submission.

Audience

The training is designed to cater to everyone interested in learning iOS Mobile App Development.

Pre-Requisite:

Attended the Basic iOS Mobile Application Development Course.

Course Objective:

Upon completion of this course, you will be able to:
1. Apply native frameworks to build simple and complex applications.
2. Use core data to handle advance data management.
3. Be able to deploy iOS Apps to Apple App Store.

Course Outline

Part 5. Data Management (Part 1) 5.1. Introduction to SQLite Database 5.2. SQLite Integration and Design 5.3. Queries	Part 6. Basic Gesture Recognition 6.1. Tap Gesture Recognizer 6.2. Pinch Gesture Recognizer 6.3. Rotation Gesture Recognizer 6.4. Swipe Gesture Recognizer
Part 7. Device Features (Part 1) 8.1 Audio Files 8.2 Camera and Photo Gallery 8.3 Accelerometer 8.4 Connectivity using Bluetooth and WiFi 8.5 Sending SMS and Emails	Part 8. Cloud Integration 8.1. MBaaS Integration 8.2. CRUD Statements and Operations 8.3. NSURL Session and Data Tasks 8.4. JSON Parsing and Concepts
Part 9. Data Management (Part 2) 10.1 Introduction to Core Data Framework 10.2 Managed Objects and Object Models 10.3 Defining Relationship in the Models 10.4 Data Handling	Part 10. Foundation Framework 11.1 Introduction to Framework 11.2 Essential iOS Framework 11.3 Designing a custom Framework
Part 11. Device Feature (Part 2) 12.1 Accessing Local File Documents 12.2 Core Location (GPS) 12.3 Working with Longitude and Latitude 12.4 Geocoding and Reverse Geocoding 12.5 Map Kit	Part 12. Device Testing 12.1 Bundle Identifier 12.2 Register Device 12.3 Application ID 12.4 Provisioning Profile
Part 13. App Distribution 13.1. Ad Hoc distribution 13.2. App Store distribution	

Training Fee: P30,000 (VAT-inclusive)
Training Duration: 6 Days (48 Training Hours)
***This Course Outline is subject to change without prior notice.**
***Upon completion, participant will receive a Certificate of Completion from Fasttrack IT Academy**

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