

Advanced iOS Mobile Applications Development

Course Description

This 5-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

I. Web Services (16 Hours)

- Introduction to Cloud Integration
- What is MBaaS?
- Web Services
- JavaScript Object Notation (JSON)
- Alamofire
- Working with Alamofire
- Creating JSON Script
- Create a MySQL Database and Table
- Create a MySQL Database Connection
- Fetch Data from MySQL Database
- Inserting Values to Table
- Implementing Alamofire

II. Location Manager and Maps (8 Hours)

- Introduction to Location and Maps
- Using CoreLocation Framework
- CLGeocoder
- CLLocation
- CLLocationManager
- CLPlacemark
- CLFloor
- Using Mapkit Framework
- Exercise: Branch Locator App

III. iOS Device Hardware (8 Hours)

- Introduction to Camera and Photo Gallery
- UIImagePickerController Class
- UIImagePickerController Delegate
- QR Codes Generation and Reading
- Saving Image from Camera/ImageView to Gallery
- Audio Files
- AVFoundation Framework
- SMS and Emails
- Local Authentication (Touch ID and Face ID)

IV. App Development and Final Project (8 Hours)

- Setting up Apple Developer Account
- Creating an App Entry in Appstore Connect
- Certificates, Identifiers and Profiles
- App Archiving and Uploading to App Connect
- TestFlight and App Testing

Training Fee: P30,000 (VAT-inclusive)

Training Duration: 5 Days (40 Training Hours)

***This Course Outline is subject to change without prior notice.**

***Upon completion, participant will receive a Certificate of Completion from Fastrack IT Academy**

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