



## **IOS App Development Training**

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iPhone app development is currently the hottest technology. Rightly said it is not everybody's cup of tea but professional trainers make the learning experience really interesting. Build your own fantastic iPhone apps and dive into professional IOS coding from one of the best iPhone training institute. IOS Training includes following modules:

<b>TRAINING DURATION</b>	60 Hrs / 2 Months / Customized
<b>TRAINING CHARGE</b>	12,000+ Service Tax

### **Details of IOS App Development Training Modules**

#### **1. What you should know**

- Requirements: installing the SDK
- Becoming a registered Apple Developer
- Joining the IOS Developer Program
- Creating a simple IOS application
- The four pillars of IOS application development

#### **2. The Tools**

- Using Xcode
- Using the iOS Simulator
- Understanding the iOS application lifecycle
- Using the Model-View-Controller (MVC) design pattern

#### **3. Simple Iphone Application**

- Create an Xcode Project
- Using Interface builder
- Model View Controller
- Declarations



- Declaring instance variable
- Declaring methods

#### **4. Making Connections**

- Setting Connections to UIViews
- Setting Target and action
- Deploying an application
- Application lifecycle
- Summary

#### **5. Objective**

- Data Type
- Objects
- Instance
- Creating an instance
- Sending message
- Destroying an instance
- Collection

#### **6. NSArray , NSMutableArray NSDirectory , NSMutableArray Direct**

- SubClassing an objective 砲 Class z
- Instance Variables
- Accessors and Properties
- Instance Methods
- Initializers
- Self
- Super

#### **7. Memory Management**

- Reference Counting
- Autorelease Pools



- Retain count management
- Target and Action Design Pattern

### **8. UIButton /UI Segment Control/Switch**

- Setting target and Actions
- Implementing methods

### **9. Delegate Design Pattern**

- UITextField
- What are Protocols
- Implementing delegate methods
- Summary

### **10. Core Location Framework**

- CLLocation & CLLocation Manager
- Where am I application
- Where am I application

### **11. View Controllers**

- Model View Controller Design pattern
- Basic of View Controller
- Life Cycle of View Controller
- Types of View Controller
- Creation of View Controller
- Using Interface Builder
- Programmatically

### **12. UINavigationController**

- Basic of UINavigationController
- UINavigationController/UINavigationController
- Creation of UINavigationController



- Using Interface Builder
- Programmatically
- Summary

### **13. UITableView and UITableViewController**

- Basic of UITableView
- Creating of custom UITableView View
- UITableView Cell
- Using Interface Builder
- Programmatically
- Summary

### **14. Playing Audio and Vidio**

- Playing Audio Files
- Playing Vidio Files
- Audio /Vidio Recording
- Summary

### **15. Notification and Rotation**

- Notification Center
- UiDevice Notifications
- Summary

### **16. DataStorage**

- Different types of Storage
- NSUserDefaults
- Sqlite
- Files
- Core Data
- Saving and loading data from property list files



**17. Sqlite Programming**

- Basics of DML
- Integration of Sqlite into Apps

**18. XML Programming**

- Basics of XML Structure
- XML Parsing

**19. Core Data**

- Basics of Core Data
- Store/Retrieve data using core data framework
- Build Sample app using core data
- Summary

**20. App Store Basics**

- Overview of Developer/Provisional certificates
- Prepare App store built

**21. iPad Basics**

- Overview of iPad Application
- UIPopover Controller
- UISplitView Controller

**22. Memory Management tools**

- Troubleshooting
- Troubleshooting a basic application
- Creating breakpoints and using the Xcode debugger

**TRAINING SCHEDULE** - Please contact us for latest training schedule

**TRAINING MODE**

We give flexible learning options to trainees

## DP Project Development Pvt. Ltd.



- Instructor Lead (REGULAR / ONLINE / WEEK-END / PART-TIME / COMBINED-FLEXIBLE)
- INSTRUCTOR LEAD LIVE ONLINE TRAINING MODE - You can join the training from any part of world

### CONTACT DETAILS

DP Project Development Pvt. Ltd.

**Address** 572, Sec-4, Vaishali, Ghaziabad, Uttar Pradesh-201010, INDIA  
**Mobile** +91-8586890684, +91-120-4375244  
**Email** [training@projectdevelopment.co.in](mailto:training@projectdevelopment.co.in)  
**Website** <http://www.projectdevelopment.co.in>  
**Skype** dp.trainer