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iPhone Application Development is laid on Cocoa framework by [Amit Shrivastava](#)

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Cocoa is an Apple owned native object-oriented application program environment earlier construct for Mac OS X operating system. The Cocoa originates from the neXTSTEP and OPENSTEP programming environments which afterward became Apple's property after they get the company neXT. All iPhone application are developed on this framework hence a thorough perceptive of this framework is a must for every aspiring developer.

The Cocoa applications are typically developed using the development tools provide by Apple, specifically Xcode and Interface Builder, using the Objective-C language. However, the Cocoa programming environment can be accessed using other tools. The associated API of Cocoa includes animation, gesture recognition and different user interface library, and is for purpose for the iOS operating system, used on Apple devices such as the iPhone, the iPod Touch, and the iPad.

The Cocoa frameworks consist of libraries, APIs, and runtimes that form the development layer for all of Mac OS X. By developing with Cocoa, you will be creating applications the same way Mac OS X itself is created. Your application will automatically inherit the great behaviors and appearances of Mac OS X, with full access to the underlying power of the UNIX operating system. Using Cocoa with the Xcode IDE is simply the best way to create native Mac applications.

The MVC pattern means that Interface Builder requires no code to be written or generated while you focus exclusively on the View of your application. Cocoa bindings on the Mac eliminate most of the glue code, making the connection between Controllers coded in Xcode and the Views designed within Interface Builder a simple matter of graphically "wiring" the two together. Interface Builder works with Cocoa to make localizing your application easy so you can quickly enter entirely new markets.

Cocoa uses the Model-View-Controller (MVC) design pattern throughout. Models encapsulate application data, Views display and edit that data, and Controllers mediate the logic between the two. By separating responsibilities in this manner, you end up with an application that is easier to design, implement, and maintain.

RCA works and uses this powerful framework and create apps which are very popular nowadays. For use this framework RCA's team perform several research and development and then implement into the application according to the client's requirement. Our experienced team working 24 x 7 for our valuable client this is the triumphant key point of RCA's success.

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Amit Shrivastava Says: RCA Web Technologies is an a [iphone application development company](#) which works on Cocoa Framework. For more information please visit a <http://www.rcawebtechnologies.com/>

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