Article Side

Mobile Application Development â€“ an Insight into iPhone, Android & Blackberry Platforms by Pradeep Hunka

Article published on March 5th 2012 | Software

When we talk about mobile application development, there are two types of mobile applications: in-built mobile applications and customized applications. The in-built mobile applications are those that are present in the device when you purchase it. The customized apps are those which can be downloaded from the app stores or the internet. The most popular smartphone application development platforms are iOS SDK, Android, Windows Mobile and Blackberry.

The app industry is one of the fastest growing industries of the world. Apps nowadays are highly customized and have a target audience. Mobile applications that are developed cater to the interests of different sections of the society. Thus, mobile applications are getting popular among users of all age groups.

There are different types of mobile applications built such as:

Apple created a new generation of smartphones with the launch of the iPhone. It still continues to create waves with the launch of its new versions. To build apps and games for iPod, iPhone and iPad in iOS SDK ,Objective C is used as the programming language. The debugger used to detect bugs is integrated in the Xcode IDE. The emulator for the iOS platform is grouped with iPhone SDK and integrated with the Xcode IDE. Cross-platform deployment is available on iPhone, iPad and iPod Touch. The installer is possible only via the App Store and requires review and approval by Apple Inc. The development tools are free for an Intel based Mac where simulator testing is free, but installing on a device needs a fee for a developer signing key.

The Android platform uses Java as the programming language. The debugger used is integrated in Eclipse with the option of standalone debugging monitor also being procurable. The Emulator is available and the cross platform deployment is possible only on other Android devices. The integrated environment available is Eclipse and the installer packaging option is apk. The development tool is available freely.

Blackberry uses Java as the programming language. The debugger is integrated in IDE. The emulator is available and the integrated environment is Eclipse. The cross- platform deployment is only on Blackberry because of the RIM API. Installer packaging options include lax and cod. There is no development tool cost.

Windows Phone uses C# as the programming language. The debugger is available and the emulator is free and grouped with the IDE. The integrated environment is Visual Studio 2010. The cross-platform deployment is Windows Phone only and the installer packaging options includes OTA deployment and XAP files.

Above we have seen the advantages of the different frameworks and the different platforms for the mobile apps. Most applications involve a lot of coding and to a large extend it depends on the developers how they manage the complexity and performance of these apps.

The apps are becoming more and more customized day- by- day. The apps try to fulfill the ever-growing demands of the customers who want more bells and whistles. The app market has barely scratched the surface and there is a lot to come.

Article Source:
http://www.articleside.com/software-articles/mobile-application-development-an-insight-into-iphone-android-blackberry-platforms.htm - Article Side

Pradeep Hunka - About Author:
Hunka Technologies is on one of the leading mobile applications development company based in India. Hunka specializes in Apple iphone application development, android application development, windows mobile application development and HTML 5. Hunka also has a specialized team for iphone game development, ipod & ipad game development and android game development. For more information please check our website: http://hunkatech.com

Article Keywords:
Android mobile applications, mobile applications, iphone app development

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!