

Mobile Application Development

Android Programming

Windows Mobile Development

Concept of Mobile Application Development

Smart phones and PDAs have been ruling the market from last two decades. These devices keep getting powerful every year for new applications and features being added to them. Many entrepreneurs nowadays earn big time profits by utilizing this amazing **mobile application development** technology both in commercial and industrial markets. However, deploying mobile applications and technology involves its own set of challenges as well as choice as this market craves for something new almost everyday. This owes to the expectations of numerous customers and users of mobile application development market.

The basics of developing a mobile application go through the wide variety of mobile phones and devices available in the market and their distinctive features. For successfully designing a functional and useful mobile application, mobile application developers combine their efforts and skills to understand the landscape of a mobile device. After this, the application thus developed serves as an additional feature in your mobile phone or PDA. This application can be downloaded by the end-user either from one of the mobile application distribution software or can be purchased at various application stores. Mobile devices embedded with **windows mobile development** also contains such pre-installed real time applications.

Each of the new mobile application downloaded from the internet is expected to improve the end user's experience. This is why mobiles have become a major necessity quite exceptionally for the people today. Nowadays, it is not only used for communicating but people use it as a complete workstation. People chat, socialize, work, make presentations, make video calls, play games, entertain and do much more stuff like these with the help of a mobile phone. Amongst the most useful and powerful mobile application softwares existing in the market nowadays is android. More and more companies in current times utilize the features of **android programming** to make their mobile market prosper.

Android is basically a software stack for mobile devices that comprises an operating system, few key applications and a middleware. Some of the basic features of android include application framework, optimized graphics, Dalvik virtual machine, an integrated browser, SQLite, media support, GSM telephony, Bluetooth, EDGE, 3G, WiFi, Camera, GPS, compass, accelerometer and a rich development environment. However, android is a complex program and not everyone can use it in an effective manner. Therefore, the companies have to make use of professional and experienced android developers to bring the best out of this wonderful mobile application software.