

Identify and Rectify the Issues in Mobile Applications in Various Platforms

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Abstract: The mobile phone has become one of the most popular products amongst today's consumers. Mobile applications or mobile apps are applications developed for small handheld devices, such as mobile phones, smart phones, PDAs and so on. Mobile apps can come preloaded on the handheld device as well as can be downloaded by users from app stores or the Internet. In this provides an overview of important mobile application issues in various mobile platforms and research issues related to the development of applications that run on mobile devices. Among the topics are development processes, tools, user interface design, application portability, quality, and security.

Keywords: Scenario, Platforms, Significant, Simulating.

I. INTRODUCTION

The mobile applications are very important to every human to used smart phone. Each and every day the mobile users searching the various new mobile applications to perfect to match for user's requirements. The mobile application developers also trying to develop the new applications to satisfies to customer's requirements. The purpose to develop a mobile app is to simplify the lifestyle and your daily task. For example, If you have to transfer money to your friend, then you have to go to your desktop/laptop. Then you will access the website and send the money. In another scenario, If you have a money transfer app, then you simply login into the app and send the money. Doesn't matter you are at home or in office or outside. It also takes less time and hassle free. The mobile applications developers and user are faced to lot of issues and run time problems. The mobile applications developers faced to lot of legal issues.

II. CHARACTERISTICS OF MOBILE APPS DEVELOPERS

The Mobile app developers must be kept in the mind following characteristics. It must be looking very vividly by look and feel. That is the app must be completely user friendly and User interface must be high graphics. The mobile app must be well tested and well debugged; speed of the app is the one of the most important property and also full functionality of your app.

The 'best app' for different persons will also be different. It depends on the purpose/requirement of the user and how much the app is able to fulfil it. So someone's best will be someone else' worst. Better purchase apps from the dedicated app stores which is now offered official by different platforms.

III. LEGAL ISSUES FOR MOBILE APPS PRODUCERS

In mobile application revolution so many important issues happen every day. All the issues are important to solve the purpose of users. Most of the common problems occur the different platform and area of apps user with the device. Mobile apps developers must follow the all legal aspect of particular country and local regional areas. App producers should consider the following key issues: In this, to determine the fundamental business arrangement is the major issues of the mobile applications. For large brands and existing businesses, it is often readily apparent which entity will hold the rights and assets related to the App, and how revenues, if any, from App sales will be apportioned. But for new entrepreneurs, or a small team of programmers with a great idea, it is particularly important, at an early stage, to consider the costs and benefits of forming a new entity. Secure app-related Intellectual property Rights is one more issues in mobile applications. Before spending significant time or resources on development, App-related intellectual property and related rights should be secured. And also the Platform selection is most important to the business in mobile apps. In the mobile marketing so many famous mobile platform is available. Before selecting the platform make the survey, which mobile OS maximum number of customers likes. Some of famous platform for mobile apps such as Android (Google), iOS (Apple), Windows Phone (Microsoft), Blackberry OS (RIM), or others – is one of the most significant decisions an App producer must make. App Development Agreements should contain all information regarding the products. Before create the agreement make clear terms and conditions information for the product like language, cost, licence, download, installation, support and warrant, online service etc., If a mobile App interacts with an online service, or collects

and transmits personally identifiable information regarding end users, additional terms and other legal documentation—such as a privacy policy—will almost certainly be advisable or legally required. Another one important issues in mobile apps is compliance with agreements, laws and regulations, this is also clearly included in agreement.

IV. COMMON PROBLEMS FOR APP DEVELOPERS

In the mobile application development field facing the so many problems in during the applications development. Developing apps is an exciting endeavour, but it's not without its pitfalls. The modern app landscape is a fragmented one, with hundreds of different devices on the market and three main development platforms in the forms of iOS, Android and Windows. An approaching a fragmented market is a very important issue in mobile applications development. Knowing which devices and platform to develop for will come down to one thing – research. A business plan.

V. WINDOWS MOBILE & APPS ISSUES

Many people have encountered persistent problems with their screen going black whenever they make or receive a call. This makes it unresponsive, so it's difficult to cancel or end the call. In this situation, tap the power button twice the screen should blink back to life, but you may have to act quickly to end the call. Next common issues are push notifications not working. This is common to encounter issues, can result in issues with apps for social applications like facebook, whatsapp. In this issue try restarting your device by holding down the Power button for 10 seconds then tapping to turn it on again. In this way, solve the problem like volume would not change random rebooting, auto brightness bug and screen freezing.

Another most important problem facing for the mobile apps user is fast battery drain. This could be caused by poorly optimized apps, syncing problems, or something else entirely. There are a few things worth trying to see if you can solve the issue. Obviously turning off NFC, Wi-Fi, mobile data, and other phone features when they aren't needed is a good start. In this try to uninstalling and reinstalling the Skype and Facebook apps. Some users have reported both apps as major battery hogs, but insist that uninstalling and reinstalling results in improved performance. Reports of problems syncing email accounts and also sending or receiving texts or emails have cropped up. In this issue has also affected their contacts and other accounts on the device. It seems to have been caused by the Skype app, uninstall the Skype app and then force a sync of all problem accounts. This should resolve the issue and you should be able to reinstall the Skype app without further problems.

VI. ANDROID MOBILE APPS ISSUES

Now comparing other mobile apps android mobile apps are widely used around the world. But apps user facing most problems for different reign in different situations.

Here will discuss most common problem and solutions for android mobile apps used. Frozen are the common problems for most of android mobile apps in this need to a soft reset will usually do the trick, but there are different methods for different phones. Fast Reboot is an app that will do the job for you by simulating the soft reset process and closing running processes with one tap. Many times android smart phone Wi-Fi does not stay connected, in this go to Wireless & Networks / Wi-Fi Settings and press the menu key. Choose 'Advanced' and change the sleep policy to 'Never'. This seems to solve the problem for most people who have issues keeping a Wi-Fi connection alive.

Another important problem for facing android mobile apps user is SD card is no longer recognised, in this expansion cards can get corrupted and the most effective solution is to try to reformat them using a desktop or laptop PC. Using the standard file explorer, you should be able to right-click and choose the format option to bring it back to life. It tends to work more often than trying to format it on the phone itself. Most of the mobile not visible to see the content through mobile screen is difficult to see in bright sunlight. The best option is to look for an 'anti-glare' screen protector. They tend to be stronger than standard protectors, but crucially also reduce the amount of glare on the screen when lighting conditions are extreme. Sadly there is no complete solution for phones that include screens not easily viewable in bright sunlight.

Some times during the play the games mobile phone going to very slow, so can not possible to play to original speed. In this problems commonly happens Some of the budget phones include slower processors and the graphics speed can be reduced because of this. The best solution is to test a phone before you buy it because some budget phones are much better than others, and it can be difficult to tell just from the specifications alone. The flashing LED is very annoying is very common problems and It is easy to stop the LED notification on most Android phones. Simply go to Settings / Display / Notification flash and remove all of the ticks. The removing android apps that were pre installed on mobile phone is sometime facing problem, in this the process requires rooting the device and then downloading an app called Root Uninstaller. The amount of memory you will save is probably not worth the effort though because you run the danger of making your phone very unstable.

VII. IPHONE MOBILE APPS ISSUES

iPhone user also facing some common problems during the mobile apps used. Most of the time it will fix the issues to automatically rectified and updated. Some time not going to be fixing these issues and it's going to be up to third-party developers to take care of any random problems. This means that fixes, permanent ones, could take awhile. First, make sure applications on the iPhone are updated. App updates with support for iOS have been trickling out since launch. Many iPhone users are horrible about updating apps and that's a habit that can, and should, be broken immediately. iPhone users who are

forgetful or lazy will want to turn on automatic App Store updates because it will keep apps automatically updated and ensure that they are always on the latest version with the latest bug fixes. To do that, head into Settings > iTunes & App Store > Toggle Updates on.

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VIII. BLACKBERRY MOBILE APPS

Some time have a problem which seems to be blackberry mobile users to facebook apps issues, this always turn off contacts for bbm, bbm video, sim contacts AND Facebook. This was a bug in the old OS version that you are running. Updating to the more recent versions would therefore be recommended. There were 4 more OS versions in the 10.3.1 branch, and have been 10 in the 10.3.2 branch. If you elect to move to 10.3.2, do educate yourself first as to the potential issues if you do not positively know your BBID credentials. If you download BlackBerry App World application, sometimes it will display device does not meet the system requirements that are needed to support BlackBerry App World. In this case anytime random strange behaviours creep in, the first thing to do is a battery pop reboot. With power ON, remove the back cover and pull out the battery. Wait about a minute then replace the battery and cover. Power up and wait patiently through the long reboot -- ~5 minutes. See if things have returned to good operation. Like all computing devices, BB's suffer from memory leaks and such...with a hard reboot being the best cure.

IX. CONCLUSION

The customers in today's world are on the move and they're using mobile application platforms to get there. Whether they use mobile phones, tablets, or other mobile devices they have all the information they need. That's why mobile apps are so much important in today's market. Customers need to understand that mobile apps allow customers to have all your information at their fingertips. Also, it is important that your app works on multiple mobile application platforms. But for beginning, start with one platform. In this already discussed to lot of issues in mobiles applications and also discussed to how to rectify this issues. All the mobile application issues are not to the fixed issues. It will happen to run time and updating the product during the mobile usage.

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