Mobile App Testing: Challenges, Strategy and Approaches

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Abstract

The Mobile app is growing day by day. A larger number of mobile apps are available on various play store to download and use. Mobile Application Testing is a process by which a developed application of a mobile device is tested for its functionality, consistence & usability. It can be automated and manual. It almost goes through the normal testing process but the testing techniques may vary for mobile devices.

Performing Mobile App Testing is quite different from enterprise testing and website testing. Mobile App Testing needs to be performed on variety of software platform, versions, hardware, network condition and what makes it more complex are the various devices, fast changing mobile OS, the frequent introduction on new devices, and unpredictability of simulators.

The main objective of this paper is to find out various challenges in testing the mobile app and pointing out how it is different than web based software application. The paper also lists the strategy and approaches which need to be considered for mobile app testing.
References

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Index Terms

Computer Science  Software Engineering

Keywords
Mobile App Testing, Software Testing