

Software testing on mobile devices and application of tools for automated testing of iOS applications

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Abstract: In the context of the rapid development of mobile technology, ensuring software quality on iOS devices has become more important than ever. This topic focuses on the software testing process on mobile devices and the application of automated testing tools for iOS applications. The objective of the research is to develop and deploy an effective automated testing system to enhance product quality and reliability. The research method combines theory with experimentation, helping to identify challenges and solutions in the iOS testing process. The expected results will significantly contribute to improving the mobile software development process.

Keywords: Software testing, iOS, Automated testing tools, Software quality assurance, Mobile application development