

Research on testing techniques for mobile devices

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Abstract: This topic aims to research and evaluate important testing techniques in the development and maintenance of mobile applications. The practical context requires an effective testing process to ensure product quality. The objective of the topic is to build an automated testing system for popular mobile platforms such as Android and iOS, while providing advanced solutions for mobile application deployment. The research method combines theory with experimentation to determine the performance and accuracy of existing testing techniques. The expected outcome of the topic is an advanced testing system that supports the mobile application development process, contributing to improving product quality and stability in the mobile technology market.

Keywords: Mobile testing, Android, iOS, Test automation