Enhance the Mobility with respect to ISO: 9126

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Abstract

Mobile software usage is growing quickly, and an expanding number of consumers are expecting a consistent experience when moving from the PC to mobile devices and back again. It is crucial that design for mobile applications considers frugal and optimal resource usage as an essential aspect of application design (direct porting of desktop applications to mobile platforms is most often a recipe for failure). In this paper we are going to quality model for mobile web applications and describe challenges in the development of mobile web application and the challenges into the quality of the ISO 9126 quality standard. ISO model focuses on those quality features that are important to assure the quality of mobile web applications. The proposed model may be used for analyzing the quality factors of mobile web applications, expert evaluation checklists and may be used for quality based content adaptation. The paper shows that by applying quality insurance methods to the development of applications in mobile, web application development may be solved.