The User's Skills, Capacity On Security For Mobile Computing In Universities

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Abstract
Universities are shifting from partially computerized to fully automated environments and technology is equally shifting from point to point to broadcasting options. These trends are resulting in mobile computing for most university users with systems accumulating enormous amount of public, private as well as confidential data on employee, students and the institution. However, mobile computing systems normally come with security issues and different vulnerabilities that make users hesitate adopting them despite the many benefits they bring. The purpose of this paper was to establish the user skills capacity on security in mobile computing environment in universities. This part of the study was undertaken using survey design and scrutiny of literature review. Stratified random sampling and purposeful sampling was used to select respondents from six public and two private universities. The study found out the users skills capacity in the universities to be fairly moderate. The findings will help the university management determine the skills required in handling information on mobile computing in universities. The findings will also enhance the existing security approaches to mobile computing in universities and mitigate on the future trends in security for information systems.

Key words: Information System Security, Information Technology, Trends, Security Approaches, Threats, Vulnerability.