E-management Educational System based on Mobile Cloud Computing

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 181
Number 50

Year of Publication: 2019

Authors:
Hanan Rezk, Ahmed E. Amin, Maha D. Elmorshdy

10.5120/ijca2019918671

Abstract

This study aims mainly to build an android based program to manage educational institutions using mobile cloud computing. Therefore, overcoming traditional learning problems and utilizing mobile technology owned by students and teaching staff. This paper provides a vision to build an android-based program to manage educational institutions using cloud computing technique to solve interaction problems and develop communication skills between the two ends of the learning process, and measure the effectiveness of this program on the learning environment. The system has been tested and a questionnaire was applied to measure user satisfaction with the proposed program. A research sample of 30 (24 students - 6 instructors). In order to measure the reliability of the study tools, the researcher used the Alpha Kronbach Laboratory to verify the stability of the study tools. The table shows that the coefficient of general reliability is a high reliable percentage that we can depend on when applying the study. The frequencies and the arithmetic mean were calculated for each category of questionnaire and using a Spearman rank-order correlation was performed to determine whether significant associations exist.
between the variables being examined. The statistical results shows general satisfaction with the program, increases the communication rates between students and instructors with the privacy of each user and provides the information he needs any time and everywhere.

References

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**Index Terms**

Computer Science

Distributed Systems

**Keywords**

Cloud Computing, Educational System