

Knowledge, Attitude and Practice of Cloud Storage among the Medical Students at Faculty of Medicine, University of Kelaniya

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The rise of the healthcare spending on cloud services indicates the adaptation of the cloud technology in recent past. The aim of this study is to assess the attitudes and practice of cloud storage (CS) among the students at Faculty of Medicine, University of Kelaniya.

Stratified sampling with proportional allocation was used to select students. Number of students selected from 1st to 5th year were 46, 49, 47, 50 and 43 respectively. A self-administered questionnaire was used to collect data after obtaining written informed consent. 261 returned questionnaires and 26 were removed due to incompleteness.

Of 235, 75 (32%) were male students. 138 (59%) students were aware of CS, among them, 127 (92%) had used CS. 126 (54%) students believed CS is useful and 121(52%) students have used CS to save materials, among them (53%) for educational material, (36%) for personal information and (11%) for entertainment material. Among the students who were aware of CS, the main limiting factors of using CS were lack of time (40%) and knowledge (20%) and they were also concerned on limited accessibility (33%), lack of security (27%) and privacy (24%) in CS. Among the 41% who were not aware of CS, 74% mentioned that they would like to have training on CS and another 22% indicated that they are not interested on CS.

The majority of students were aware of CS and lack of time and knowledge hinder CS usage. The accessibility, security and privacy are the main concerns about CS. Study shows majority of students are willing to learn on CS and teaching CS during undergraduate training would be beneficial to the students.

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