Title: Students' perception towards lecture capture based on the Technology Acceptance Model

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Abstract: Lecture capture has become a key feature of the e-Learning implementation plan of institutions aspiring to enhance accessibility and flexibility in teaching and learning. For any institution that is launching an e-Learning programme, it is essential to find out whether the target beneficiaries are as enthusiastic about this tool as they are made out to be. This study explored the perception of students using lecture capture in a Malaysian university. The research questions were guided by the Technology Acceptance Model (TAM) which was also used in the designing of the research instrument. The researchers sought insights into student usage, and students' perception of the usefulness and ease of use of lecture capture. The sample comprised Foundation of Science students whose Mathematics class was selected to participate in the trial run of the university's new lecture capture system. Quantitative data was collected to fulfill the objectives of this investigation. The results reveal that this pioneer group have a positive perception of the usefulness of lecture capture. In the aspect of perceived ease of use, it was found that technical limitations had a negative impact on the students' perception. The study's findings on the students' attitudes towards the use of lecture capture provide fundamental information for educators and institutions of higher learning planning or just beginning to embark on using lecture capture technology. (C) 2013 The Authors. Published by Elsevier Ltd.

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