Abstract

Learning to use information technology is a new learning trend as an alternative model of manual learning that knows so far. Some universities use elearning in their learning process, however because of increasing elearning file storage capacity used, Universities must provide infrastructure in the form of hardware with good specifications which of course requires high investment costs. Cloud computing is an information technology service that can be accessed by customers through computer resources connected to the internet. This mechanism allows users to rent information technology resources such as infrastructure and storage via the internet, Institutions can save IT investment because using this technology. This paper is explain about the implementation of learning technology using cloud computing approach called Cloud Learning System (CLS). CLS is hoped can help the learning process become more efficient, especially for institutions that will implement learning models online with the internet without having to invest in providing infrastructure in the learning system for students. This research used Technology Acceptance Model (TAM) to evaluate the results of student acceptance of the Cloud Learning System. The evaluation results using TAM indicate the level
Improving Cloud Learning System using Technology Acceptance Model

of user acceptance, the results of Confidence, Complexity, Time Limits, Usability, Ease of Use, and Behavioral Intention jointly influence the use of Cloud Learning System with F count > F table (11,625 > 2,42).

References


9. Callan, V. J., Bowman, K., & Framework, A. F. L.


Index Terms

Computer Science

Information Systems
Keywords

E-learning, Infrastructure, Cloud, Learning, System, TAM