Adopting Cloud Computing Technology to Enhance the Architecture of a Proposed Learning Content Management System

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Abstract

E-learning systems usually require many hardware and software resources which require a lot of investment. There are many educational institutes that cannot afford such investments, and cloud computing is the best solution. Cloud computing is becoming an adoptable technology for many institutes with its dynamic scalability and usage of virtualized resources as a service through the Internet. This paper promotes a cloud-based, multi-platform E-learning solution to help educational institutes especially, which are under budget to manage their E-learning content in an efficient, cost-effective way.

References

University of Technology.


Engineering Faculty, School of Electrical Engineering and Computer Science.


24. Paiti, T. (2013). What are the opportunities and challenges of cloud computing technology in the healthcare information systems? (Master Thesis). Lappeenranta University of Technology, Faculty of Industrial Engineering and Management.


**Index Terms**

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Keywords

E-learning, E-learning Systems, LCMS, Infrastructure, Cloud Computing, and GAFE