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.

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Index Terms

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