Abstract

Indeed e-learning provides gateway to better educational system for learners. In order to enhance socialization and sharing of knowledge among existing e-learning applications, Web 2.0 based tools can be integrated and utilized in these applications. This research paper is also related to evaluate the significance and compatibility of Web 2.0 tools in education. For this purpose a methodology is proposed and a prototype system is developed. The proposed system is named as Virtual Learner 2.0. Virtual Learner 2.0 is a Web 2.0 based e-learning application and socializes around learners. It is a combination of different Web 2.0 tools. Whenever applications have been developed by using Web 2.0 based approaches, especially by using tagging, video podcasting and discussion forum, always grasp attention of diversified community. Similarly, Virtual Learner 2.0 allows its learners to find out the effectiveness of video podcasting and discussion forum in any educational web applications. Secondly, this application is a better source to observe the searching efficiency of tags and tags cloud for data contents. By evaluating this application it is proved that learners seek more progress in learning through Web 2.0 based tools instead of utilizing the traditional learning techniques. Most importantly Virtual Learner 2.0 facilitates the learners with solution of better, reliable and
enhanced course management system (CMS).

References

- Michael G. Moore, Greg Kearsley. 2005. Distance Education: A Systems View of Online Learning”, pp. 7-10
- Antonio Bartolomé 2008. Web 2.0 and New Learning Paradigms
- Nathan Garrett, Brian Thoms, Nimer Alrushiedat and Terry Ryan 2009. Social ePortfolios as the new course management system in Proceeding of On the Horizon”, Vol. 17 Issue: 3 pp. 197 – 207

Index Terms

Computer Science Information Systems
Keywords

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