Abstract

The growth in the field of Information Technology (IT) has been very fast in last few decades and the various applications depending on IT are also changing very drastically. One of the very popular IT applications is online teaching and learning. The main focus of this article is to survey the various online e-learning architectures and then make a comparison among them. Based on the analytical, comparative studies of these various architectures, we are able to provide certain suggestions about the limitations that were observed. Further on, we emphasize some of the research challenges and design issues that have been followed in order to make fruitful improvement in the intelligent online e-learning architecture system to provide the cultural aspects of online classrooms.

References

- S. Prakasam, Prof. R. M. Suress (2010), An agent-based Intelligent System to enhance e-learning through Mining Techniques, International Journal on Computer Science and Engineering Vol. 02, No. 03, pp. 759-763
- http://www.ieeeltsc.org
- http://scorm.com/
- http://www.blackboard.com/
- http://moodle.org/
- Pilar Sancho, Iván Martínez, Baltasar Fernández-Manjón (2005), Semantic Web Technologies Applied to e-learning Personalization in E-Learning systems as a Combination Between technology and Education Methodologies, E-Learning systems as a Combination Between technology and Education Methodologies
- Lucian Lupu Dima, Eduard Edelhauser, Andreea Ionica, "E-learning Platforms In Romanian Higher Education”; Annals of the University of Petroşani, Economics, 10(1), 2010, 137-148

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