

A Study of Web 2.0 technologies to implement an E-learning 2.0 system

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E-learning has been implemented widely in Malaysia in recent years. As Internet technologies advances and becomes more prevalent, more and more universities and colleges are using e-learning as part of their teaching tools and strategies. The advantages of e-learning lie in the fact that they are classroom independent and students can accessed to the learning materials at all time.

However, one limitation of most current e-learning systems is that they provide content learning materials which are fixed such as PowerPoint presentation slides. As such, many of these e-learning systems are in fact merely an “e-teaching” system whereby all students will accessed to the same sets of materials.

However, as web technologies improved and moved from web 1.0 to web 2.0, it is possible to improve existing e-learning systems by implementing web 2.0 tools. Web 2.0 is defined by O’Reilly (2005) as the second-generation of Web-based services such as social networking sites, wikis, communication tools etc that emphasized online collaboration and sharing among users. By applying web 2.0 tools, we can create an improved e-learning system known as E-Learning 2.0. The main aim of this paper is to present the concept of an on-going E-learning 2.0 system created by the authors.

The remaining of this paper is structured as follows: This paper will provide a review of Web 2.0 and E-Learning concepts. It will then discuss on how web 2.0 can be implemented to develop an E-learning 2.0 system. An overview of the E-learning 2.0 will be discussed. The conclusion and future work will be discussed.

Keywords: Web 2.0, E-Learning, E-learning 2.0