

**DETERMINING THE BARRIERS AND ENABLERS TO
ADOPTION AND DIFFUSION OF E-LEARNING IN PRIMARY
SCHOOLS**



By

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Abstract

A plethora of LMS are created by developed countries for higher education. These systems are based on features for developed countries environment. Limited development has done on LMS for primary education as well as their characteristics. As developing countries are different from developed countries. Their infrastructure, working environment, knowledge level are different. We figure out features for LMS system which enabled learning for developing countries primary education and also those characteristics which are barrier to eLearning. For this work, we extracted features from literature and then filtered it out as children are different from adults and the literature contain features mainly for higher education based on physiological reports. A prototype of LMS system was developed based on these features. Three surveys were conducted to evaluate LMS features, the effectiveness of its contents and barriers to eLearning adoption. Based on survey reports. It turns out that some features are most important, while others are less important for developing countries LMS system for primary education and there are some barriers to eLearning adoption in developing countries. The significance of this work is finding out if an LMS be developed for primary education system what will be the required characteristics of such systems and barriers to its adoption. This will help system designer and educationist to develop better systems.

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