E-LEARNING MANAGEMENT SYSTEM FOR SIMAD UNIVERSITY IN SOMALIA

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E-LEARNING MANAGEMENT SYSTEM FOR SIMAD UNIVERSITY IN SOMALIA

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ABSTRACT

With the advancement of Information and Communication Technology in this era, teachers should take the advantage to improve their teaching techniques. Students should be allowed to learn at anytime, anywhere and at their own pace. Teachers also be able to keep a collection of test/tutorial questions online. Furthermore, the motivation for this study is to improve the learning environment in SIMAD University through the use of Internet technology. Therefore, based on the above ideas, a prototype of E-learning Management System has been developed. In addition, this software is a web based application system that can be accessed by students as well as lecturers through the Internet technology by anywhere and anytime. The methodology adopted in this study is the design research Methodology by Vaishnavi and Kuechler (2004).

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LIST OF ABBREVIATIONS

CSF (Critical success Factors)

EMS (E-learning Management System)

LMS (Learning Management System)

PHP (Hypertext Preprocessor)

UML (Unified Modeling Language)

SIMAD (Somalia Institute of Management and Administration Development)

Chapter One

Introduction

1.0 Background of the study

Information and Communication technology has created a need to transform how University students learn by using more modern, efficient, and effective alternative such as E-learning or E-learning. According to Global Industry Analysts (2008), E-learning has emerged as an imperative tool to communicate knowledge in the academic as well as corporate sectors. Since E-learning has several compensation in terms of cost reduction, simplified training programs, flexibility and convenience; it is balanced to become an integral component of information dissemination and emerges as the new paradigm of modern education. Backed by several favorable trends, the world of E-learning market is projected to exceed US$52.6 billion by 2010 (Global Industry Analysts, 2008). It is believed that the role of E-learning and information and Communication technology in education will continue to expand in scope and complexity of the education.

According by Ron Kurtus (revised 4 April 2004) E-learning is a catch-all term that covers a wide range of instructional material that can be delivered on a CD-ROM or DVD, over a local area network (LAN), or on the Internet. It includes computer-based training (CBT), web-based training (WBT), and electronic performance support systems (EPSS), distance or online learning and online tutorials. The major advantage of E-learning to students is to access easily anytime anywhere. There are some typical elements and a standard approach of developing or authoring E-learning material. E-learning System is apart Learning Management System that is developed to apply SIMAD University Mogadishu-Somalia.

The contents of the thesis is for internal user only

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