EDITORIAL PREFACE

Special Issue on Papers from the Future e-Learning 2012 Conference, Istanbul University

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1. INTRODUCTION

The literature on e-adoption in various areas such as health, education, learning, security, energy, transport and environment is growing enormously in last few years. A growing literature recognizes the positive impact e-adoption has made on social and economic front. Organizations have created more operational and economic efficiencies. Individuals have been benefited by having more opportunities and choices and the e-governments projects have led to more empowerment, transparencies and equity in the governmental systems. The e-adoption is changing the landscape of 21st century although there are still enormous challenges and concerns that needs resolution. The *International Journal of e-Adoption* is dedicated to fostering research and improving knowledge in the adoption of the Internet and its various associated related information and communication technologies in organizations. This is a special issue. The papers included in this issue are the best four papers selected in "Future e-Learning 20102" conference

organized by department of Informatics, Istanbul University. This issue reports findings of some of the research studies in the area of e-learning. The summaries of the studies included in this issue are given below.

2. RESEARCH ARTICLES

2.1. Student's Satisfaction from E-Learning System: A Case Study of Virtual University of Pakistan

Sadia Jabeen, Virtual University of Pakistan, Pakistan
Aisha Muhammad Din, Virtual University of Pakistan, Pakistan
Muhammad Farhan Sadiq, Virtual University of Pakistan, Pakistan

The present study was conducted to explore the students' satisfaction level from Virtual University of Pakistan e-learning system. This paper aimed at bringing the underlying factors which determine and effect students' satisfaction from e-learning. The method adopted for the present study was survey. In order to measure students' satisfaction a questionnaire with 25 items was deployed. The sample of current study comprised 240 students from different study programs. Descriptive statistics, regression analysis and one sample t-test were applied to measure student's satisfaction from the system. Results showed that students prefer this system due to its teaching standards. Regression analysis explained interactivity pattern as an important indicator of overall satisfaction from the system. One sample t-test revealed that students were highly satisfied from e-learning system. The results concluded that unconventional mode of learning is as powerful tool of education as conventional. Findings of the study lead to the practical implications and identify the need of face to face communication and betterment in interactivity patterns between instructors and students to enhance students' satisfaction from the system.

2.2. An Analysis of the Education Category in App Markets

Şebnem Özdemir, İstanbul University, Turkey
Emre Akadal, İstanbul University, Turkey
Zerrin Ayvaz Reis, İstanbul University, Turkey

Mobile device usage highly increases in last years. Most people use mobile devices to do their computer works like checking e-mail, following social media, surfing on the Web, etc. Also mobile devices let us install new applications on our devices. Two huge mobile operating systems -Android and iOS- have mobile application markets to offer new applications to users. There are many application categories in mobile application markets. One of them is "Education" category. Our study defines what kind of applications

in education category there are. All applications in this category were reviewed and analysed with descriptive methods.

2.3. The Examination of User Habits through the Google Analytic Data of Academic Education Platforms

Zeki Özen, Istanbul University, Turkey
Fatma Önay Koçoğlu Bakioğlu, Istanbul University, Turkey
Şamil Beden, Istanbul University, Turkey

A web-based Learning Management System (LMS) can have hundreds, or even thousands users, student, teacher, manager and normal user. The increase in the Web traffic of the LMS brings with it the problem of hardware and infrastructure capable to host this traffic, and therefore solutions suitable to developing technology are required. Due to this reason, it is very important for LMS developers and instructors to use web mining tools and/or using services such as Google Analytics ensuring the analysis and evaluation of user behaviors. In this study authors aim to analyze the Google Analytics data pertaining to 2011 year of the Enocta Akademik Eğitim Platformu LMS (EAEP – Enocta Academic Education Platform), which provides web-based learning environment in Turkey. The analysis and evaluation of LMS user data may be used while carrying out a detailed analysis of LMS and in the efforts to develop and improve LMS. The increase of student satisfaction and learning success may be ensured through making changes on LMS according to student behaviors.

2.4. A Roadmap to Implement Rapid Transition as a Proposal of e-Learning Model

M. Erdal Balaban, İstanbul University, Turkey
Elif Kartal, Istanbul University, Turkey

Digital age (information/computer age) offers many opportunities. Many transforms and changes have been made in public and private sectors. It is clear to say that education is one of the most important areas that we have been trying to use IT tools. Today e-learning is an important way of removing time and place constraints between students and instructors. In addition, it is best way to make education sustainable in every organization. Many organizations can face problems during their e-learning experience. Having enough knowledge about e-learning is not a must for every organization in every sector. Therefore, in this study, authors aim to provide a rapid transition for organizations that wants to set up an e-learning system. This paper gives some hints related to transition process. Therefore, theoretical framework of an e-learning system, selection of learning management system (LMS) and content management system (CMS), designing of a virtual classroom, online course implementation, controlling the project are explained, future works related to the framework are discussed.

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IJEA

Sushil K. Sharma is currently Associate Dean and Professor of Information Systems and Executive Director of the MBA and Certificate Programs at the Miller College of Business, Ball State University (Muncie, Indiana, USA). He co-edited five books that include the Handbook of Research on Information Assurance and Security *and* Creating Knowledge-based Healthcare Organizations. *He is also the co-editor of the book:*Managing E-Business *(Heidelberg Press, Australia). Dr. Sharma has authored over 100 refereed research papers in many peer-reviewed national and international MIS and management journals, conferences proceedings and books. He serves on editorial boards of several national and international journals and has also edited special issues. He is the founding Editor-in-Chief of the* International Journal of E-Adoption. *His primary teaching and research interests are in e-commerce, computer-mediated communications, community and social informatics, information systems security, e-government, ERP systems, database management systems, cluster computing, Web services and knowledge management. He has a wide consulting experience in information systems and e-commerce and he has served as an advisor and consultant to several government and private organizations including projects funded by the World Bank.*