

# Applying different ways of accessing and learning in information systems for e-learning

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## Abstract

*The purpose of this survey is to define what is e-learning and what are its advantages and different ways of accessing and learning in information systems for e-learning. E-learning is a significant new discovery which finds the greatest use in educational institutions, secondary schools and the primary schools. The aim of e-learning is students from home can be able to carry out all activities related to the faculty or school. This survey presents two types of systems, one of which is used at the University "St. Kliment Ohridski" – Bitola, while the other is used at the University of Kenya. The aim is to consider the advantages and disadvantages of both e-learning system, where in the future will be able to perform their upgrade. Within this survey gives a detailed description of the two systems, and what they allow such advantages and what are their shortcomings. Also, there is a section where are presented in detail the opportunities that these systems provide. E-learning is very good work that combines modern methods of learning management knowledge and offers methods for better evaluation of knowledge.*

**Keywords:** e-learning, data, online, transfer.

## 1. INTRODUCTION

E-learning is the comprehensive work that combines the modern interactive methods of learning management knowledge and offers methods for better evaluation of knowledge. E-learning involves the acquisition, generation and transfer of knowledge through the use of information and communication technology, which allows data transfer. E-learning is work that combines modern methods of learning management knowledge and it offers methods for better evaluation of knowledge. Technically speaking, electronic learning systems used in world universities consist of:

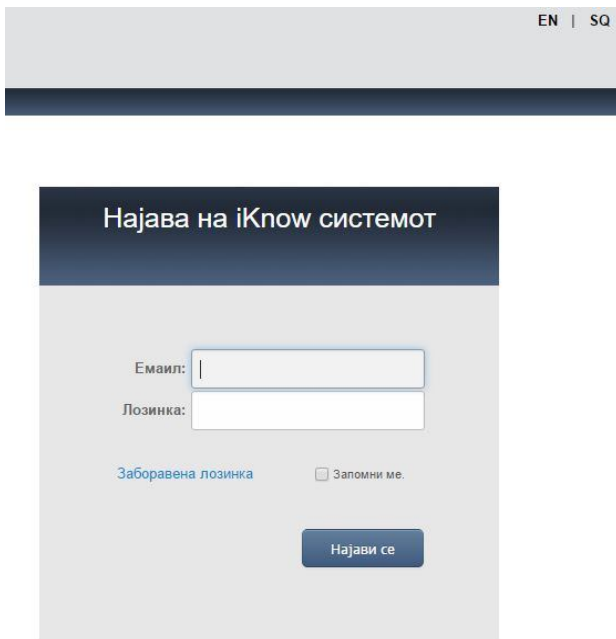
**LMS (Learning Management System)** - Usually a web based system that serves to manage the courses, quizzes, polls, teaching, students, teachers, evaluation and feedback.

**Software for creating courses** - is software that enables with just a few clicks of a Power Point presentation to create an online course.

**Vocational training** - to use and administration of CMS and software to create courses, and how to create more effective lectures using the advantages of multimedia - image, sound, video and animation.

## 2. CHARACTERISTICS AND BENEFITS OF THE SYSTEM iKNOW

The purpose of this system is in the University "St. Kliment Ohridski" - Bitola to provide all the necessary functions for the correct, efficient and effective work as professors and students up to the administrative office. For the use of the system, it is first necessary teacher or student to log in to the system for security work. Authenticated users (teachers and students, administration) via the system is enabled to perform everyday activities. The system is arranged at appropriate levels from administrator and administrator given the appropriate level of privilege depending on what a user it comes.



**Figure 1** Home page of the system iKNOW.

**Privileges which are intended for the teacher are:**

- A. Generate reports for the number of registered students before proper examination session, reports for record activity, the presence of students, reports for generating scores for adequate completed examination session.
- B. Writing Assessment - refers to the entry of grades on the student passed the appropriate exam. Input may be different depending on the way the student passed (whether colloquia or exam)
- C. Enabled is the awarding signature if the student regularly attended classes.
- D. Graduate works
- E. Notifications.
- F. Results.

**Privileges which are intended for the student are:**

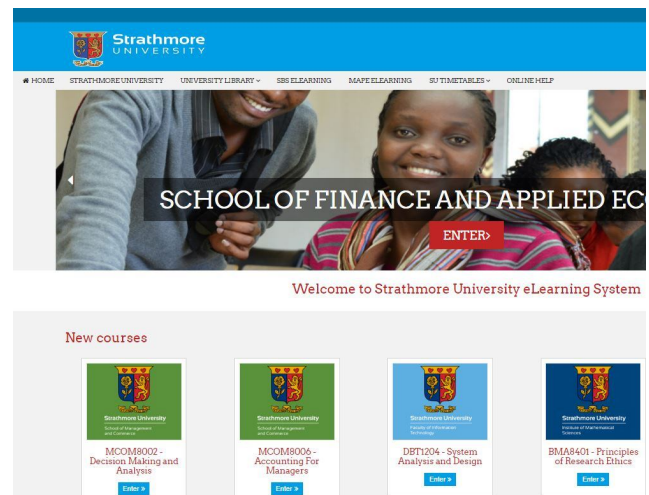
- A. Review of all entered assessments during their studies.
- B. Certificates
- C. Applying for exams
- D. Practical education
- E. Graduate works.

**Privileges which are intended for the administration are:**

- A. View a dossier
- B. Generating confirm, certificate
- C. creating news releases
- D. Import, Export

**3. PREVIEW FEATURES AND BENEFITS OF STRATHMORE SYSTEM**

Strathmore system is a system that is part of the university in Kenya. University of Kenya is one of the most famous universities, which includes in itself variety of fields of study such as mechanical engineering, computer science, economics, and more. Because of the large number of study programs offered by the university, and primarily also because of the large number of students studying within the university has developed a system for electronic learning, which allows students to learn from their homes. The purpose of this system is to provide all necessary functionality for the correct, effective and efficient work of teachers, students and faculty within the University. To use the application is first necessary teacher or student to log in to the system. Authenticated users via this application will can upload lectures, download lectures, online writing and more.



**Figure 2** Home page of the system.

The picture number 1 shows the home page of the system. As we can observe, the system is very simple, and it is because it used the differently profiles of students and professors from the University. According to what can be observed on the system in the central part is attached to only courses offered by the university. As with all of systems, this system has its own menus which are located horizontally and vertically. The menus are used for users to be able to access different locations because every menu refers to a different job. Attaching the proper documentation of the system is possible only by the professor, and privileged students is to make down of relevant documents that are available. Apart from the basic things that owns the system also includes a tool that schedule of some events relating to the current month, current week and so on. The events related to the scheduling of conferences, scheduling of examinations, etc.

#### **4. ANALYSIS, REVIEW, AND COMPARE THE ADVANTAGES AND DISADVANTAGES IN FUNCTIONALITY OF BOTH SYSTEMS FOR E-LEARNING**

**Both systems have a common characteristic and that is to enable e-learning. Common features of both systems are:**

- A. Enabled attaching appropriate documentation is available for students.
- B. Enabled downloadable documents, announcements, results.
- C. Scheduling of dates for various activities.
- D. Different privileges of users.

**Despite the common features, the systems have different features:**

- A. Strathmore system allows scheduling calendar and display activities, while the iKNOW system that is available only through press releases.
- B. Strathmore system besides basic principles that are enabled, contains a menu where you can access different locations and information, while iKNOW system applies only to work without other menus links to other information.
- C. iKNOW system allows users more privacy compared to Strathmore system.
- D. iKNOW system has precisely defined privileges that apply to overall professional, administrative staff and students, and it provided all prerequisites for studying students and staff working outside of istitucijata.
- E. Strathmore system allows online communication and display of online users in real time, while the option iKNOW system it is not possible.

#### **5. CONCLUSION**

Electronic learning from day to day found growing use. Besides the main use of multimedia Internet that are part of everyday education, e-learning today provides organizational conferences. These days because of the rapid development of technology, make rapid change in every aspect of life. Every day they discover new information, and a need for faster, better education, which will also be accessible from anywhere. Today we are witnessing that e-learning have many uses, that could not be found university, faculty who do not have implemented e-learning system to serve all those who want distance learning.

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