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E-learning - Iknow system vs Vfu system

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Abstract – The purpose of this survey is to define what is e-learning and what are its advantages. 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. Unfortunately, a lot of people who offer services in this area are trying to "simplify" this concept, or narrow its focus and the term e-learning use an ordinary web-based training. 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 Varna - Bulgaria. The aim is to consider the advantages and disadvantages of both of the other 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

I. INTRODUCTION

E-learning is a much more comprehensive work that combines modern access methods with knowledge management and offers methods for better evaluation of knowledge. Technically speaking, the e-origin systems used in the world's universities consist of:

• LMS (Learning Management System) – See a web-based system that serves to manage courses, quizzes, surveys, lectures, students, professors, evaluation and feedback.

• Course and Quiz Creation Software – a simple software that takes just a few clicks from a Power Point presentation to create an online course.

• Professional technique - training in the use and administration of CMS - from the software for creating courses, but also how to create according to the choice of lectures the advantages of multimedia - image, sound, video and animation.

II. MATERIALS AND METHOD

Describe The purpose of this system is within the University "St. Kliment Ohridski" - Bitola to provide all the necessary functionalities for correct, effective and efficient work for both professors and students, up to the administrative service. In order to use the system, it is first necessary for the professor or the student to log in to the system for

security reasons. Logged in users (professors and students, administration) are enabled to perform daily activities through the system. The system itself is arranged according to appropriate levels so that the administrator gives appropriate levels of privilege depending on what kind of user it is.
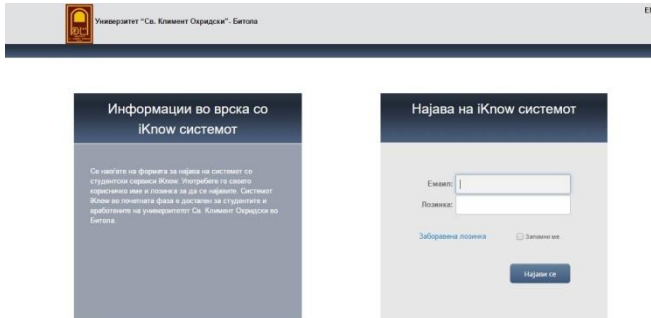

Fig. 1 Users Aplicationfor permanent costumersfor a smaller quantities

The privileges that the professor has are the following:

• Generating reports on the number of registered students before a respective exam session, reports on activity records, student attendance, reports on generating grades for a respective completed exam session.

• Writing grades – refers to the grading of the student's grades when he/she passes the appropriate exam. The input may be different depending on the way the student passed (whether in colloquiums or in an exam). If the student has passed the colloquia, then the system allows entering a grade through a suitable formula where the points from the colloquia, seminar assignments, attendance and actin are entered. If the student passed the exam directly, then the professor only writes the grade.

• Issuance of signatures is possible if the student regularly attends classes.

• Diploma theses.

• Notifications

• Results

The privileges that the student has are the following:

• Review of all grades entered during their studies.

• Submitting a request to obtain a suitable document from the Faculty (certificate, certificate).

• Registration for exams within the deadline for registration.

• Practical teaching.

• Graduation thesis.

Privileges possessed by the administration (student service)

• View all students in their files accordingly.

• Approval of requests by the student for the issuance of an appropriate document.

• Writing appropriate announcements and highlighting results.

• Correction of the student's data.

• Importing, Exporting.

VFU e-learning is a system that is part of Varnavski University in Bulgaria. The University of Bulgaria is one of the most famous universities, which includes various fields of study such as: electrical engineering, informatics, economics, etc. Due to the large number of study programs offered by the University, and above all due to the large number of students studying, an electronic learning system has been developed within the university, which allows students to study from their homes. The purpose of this system is to provide all the necessary functionalities for the correct, effective and efficient work of professors and students of the faculty within the framework of the University.

Fig. 2 Users Aplicationfor permanent costumersfor a smaller quantities

Picture number 2 shows the home page of the system. As we can see, the system is quite simple, and that is because it is used by different profiles of students and professors from the University. According to what we can see, only the courses offered by the university are attached to the system in the central part. As with all systems, this system also has its own menus that are located horizontally and vertically. Menus allow users to access different locations, as each menu deals with a different task. The uploading of appropriate documentation to the system is enabled only by the professor, while the privilege of students is to download appropriate documents available to them. In addition to the basic

things that the system has, it also contains a tool through which certain events related to the current month, the current week, etc. are scheduled. Events refer to conference scheduling, exam scheduling, etc.

III. RESULTS

Results Both systems have a common feature, which is to enable electronic learning. Common features of both systems are the following:
• It is possible to upload appropriate documentation that is available to students.
• It is possible to download documents, announcements, results.
• Scheduling appointments for various activities.
• Various user privileges.
In addition to common features, the systems also have different features, namely:
• The iKNOW system allows users to log in, and thus everyone knows their data availability, while the VFU system does not have user logging.
• The VFU system enables calendar scheduling and display of activities, while in the iKNOW system this is enabled only through announcements.
• The VFU system, in addition to the basic principles that are enabled, also contains menus where different locations and information can be accessed, while the iKNOW system refers only to the appropriate work without other menus and links to other information.
• The iKNOW system provides greater privacy for users compared to the VFU system.
• The iKNOW system has precisely defined privileges that refer to the entire professional, administrative staff and students, thus enabling all prerequisites for student study and work on staff and outside the institution, while the VFU system contains only part of the features of iKNOW system.

CONCLUSION

E-learning is finding more and more applications day by day. Apart from the basic use of multimedia and the Internet, which are part of everyday education, today electronic learning also enables organizational conferences. Nowadays, due to the rapid development of technology, rapid changes are being made in every aspect of life. New information is discovered every day, and there is a need for faster

and better education, which will simultaneously be available from everywhere. Today we witness that electronic learning is widely used, that is, there is no university, faculty that has not implemented an electronic learning system in order to serve all those who want distance learning.

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