COURSE MANAGEMENT SYSTEM - A PLANNING FOR TECHNOLOGIES

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Abstract: *Course Management System became ubiquitously within the fields and have evolved from terribly straightforward hypertext mark-up language primarily based unidirectional communication tools between the college of the campus and their students to multifunctional, higher intelligible additional over enterprise applications. Enterprise Applications is employed to explain application or software system that a business would use to help the organization in resolution the enterprise issues.*

Course Management System is employed for distance learning functions. it's calculable that approximate ninetieth of the U.S faculties and universities use course management system. Such systems square measure accustomed post thousands of copyright articles, book excerpts, analysis information etc. every year. Several universities square measure operating terribly arduous to handle intellectual properties after all Management System. Most Course Management Systems studies specialize in numerous makes an attempt to contend with the rising prices and marketplace volatility. it's additionally vital to managing software system changes. Modification management may be a vital for course management system Success. Thus Course Management System is primarily utilized in face to face courses.

Keywords: *Course Management System, HTML, Enterprise Applications, Learning Management Systems.*

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INTRODUCTION

The emergence of virtual schools and institutions is directly linked to the development, infrastructure supporting information and communication technologies. In all regions, activities related to the educational information and communication technologies are expanding rapidly. However, there are very few institutions which carry out the functions related to the teaching methods. The most frequent use of virtual schools is the use of technologies for development and administration. With such a unusual exception the development of virtual schools/institutions is still experimental, unfocused and not matched to the learning needs of its client. The educational information & communication technologies are changing the educational market in two ways;

- It increases the degree of competition among educational institutions.

- It shifts and emphasis from general program and gears towards a common market that respond to specific learning needs.

Virtual education refers to a form of distance learning method in which the contents of each course is delivered by various internet methods such as *Course Management System.*

Course Management System (CMS) is a collection of software tools providing an online environment for course interactions. A CMS includes a variety of online tools and environment. They are:

- It provides an area for the faculty to post study material, syllabus, handouts etc.

- Area for the grade book is also provided where the faculty can upload the grades and student can see his grades.

- It provides an area for the students to post assignment and papers.

- An integrated Email tool is provided in CMS where participants send announcement Email Messages to the entire group.

- A chat tool allows synchronous communication between the students.

- Also a threaded discussion board which allows the students to communicate asynchronously among participants.

- The most important work of CMS is integration with the databases of different universities so that students from other universities should participate.

WHY COURSE MANAGEMENT SYSTEM IMPORTANT FOR HIGHER EDUCATION?

There is a very important role of information technology in higher education for over half a century. Indeed main frame computers were used in research work and the result from the result is stored in computer laboratories. As the underlying technology has grown, the importance of participation has also increased, many systems were moved from home-alone to enterprise level systems.

Course Management System are taking on a similarly important role in the academic enterprise of teaching & learning ERP system have in the administrative world. A CMS may contain class roster and records of grades. It also deals with the core aspects of teaching. It may contain tools for real time chat and asynchronous bulletin board.

WHAT IS THE IMPLEMENTATION CHALLENGERS?

Although Course Management System has become more common but still there have been some issues that hampered the adaption of these tools in the higher educational institutes but once they came to institute it is widely spread and used by all the students and faculty.

Earlier the price of Course Management System is quite affordable but as the functionality and vendor's solution were linked with the institutes the price went up. This causes some confrontation and pushed to create the open source solution. Another source of resistance is that the earlier CMS were closed proprietary systems. Even then vendors claim standard compatibility but still there are some hurdles to overcome when moving from one vendor application to another. This also leads to standard complaint open source solution.

GUIDELINES FOR COURSE MANAGEMENT SYSTEM

The Course Management System and other technologies make content more easily accessible by faculty, students and all the other campus personals' so there must be some lawful rules for using such information. The following principles summarizes key guidelines

- CRM is not at all free.
- There should be a limit on Course Material to Small Excerpts.
- CRM & Textbooks are not at all same. CRM is not a substitute to Textbooks.
- Posting on the CRM require the same permission as course-packs.
- Article links should be mandatory for the members only.

- Proper password authentications should be maintained.

- Remove all the expired course material promptly.

- Always work from the authorized and original document.

- The posted material in the course management system should contain the original and copyright material and there should be clear caution against further electronic distribution.

LEARNING MANAGEMENT SYSTEM VS COURSE MANAGEMENT SYSTEM

The inappropriate use of LMS within the literature is maybe most ordinarily related to pc applications that we might determine as Course Management Systems (CMS). These systems square measure used primarily for on-line or emulsified learning, supporting the position after all materials on-line, associating students with courses, trailing student performance, storing student submissions, and mediating communication between the scholars additionally as their pedagogue. A number of this same practicality will be seen among LMSs additionally therefore it's comprehendible why confusion would possibly exist. However, the general nature of associate degree LMS doesn't limit its practicality to it of a CMS.

A CMS provides a lecturer with a collection of tools and a framework that enables the comparatively straightforward creation of on-line course content and therefore the later teaching and management of that course together with numerous interactions with students taking the course. Samples of a CMS embody flat solid, Angel, Sakai, Oncourse, and Moodle. However, flat solid could be a example of the confusion that exists concerning these terms because it is usually observed as associate degree LMS within the literature.

LMS PRACTICALITY

- Student's Registration and Administration.

- Training Event Management.

- Curriculum and Certification Management.

- Skills and Competencies Management.

- Reporting.

- Training Record Management.

- Courseware Authoring.

FACTS ABOUT CMS

Moodle is voted best Course Management System in Top 100 Tools for Learning

Over 500 learning professionals from around the world shared their top 10 tools for learning recently in the 6th Annual Survey of Learning Tools organized by Jane Hart of the Centre for Learning & Performance Technologies (C4LPT). Moodle came 11th in the list of Top 100 Tools for Learning 2012, down a little from last year, when it was 8th.

Moodle could be a computer code package for manufacturing Internet-based courses and websites. it's a world development project designed to support a social constructionist framework of education.

Moodle is provided freely as Open supply computer code (under the wildebeest General Public License). Primarily this implies Moodle is proprietary, however that you just have further freedoms. You're allowed to repeat, use and modify Moodle given that you agree to: offer the supply to others; not modify or take away the initial license and copyrights, and apply this same license to any spinoff work.

Moodle are often put in on any laptop which will run PHP, and might support AN SQL kind information (for example MySQL). It is often run on Windows and waterproof operational systems and lots of flavors of UNIX system. There area unit several knowledgeable Moodle Partners to help you, even host your Moodle website.

Following is the **list of Top 20 CMS Software Solution**

1) Moodle

2) Edmodo

3) Blackboard

4) SumTotal Systems

5) Skillsoft

6) Cornorstone

7) Desire2Learn

8) Schoology

9) NetDimensions

10) Collaborize Classroom

11) Interactyz

12) Docebo

13)   Instructure

14)   Meridian Knowledge Sol.

15)   Latitude Learning

16)   Sakai

17)   Eduneering

18)   Mzinga

19)   Epsilon

20)   Inquisiq r3

CONCLUSION

Course Management System have become a very essential part of higher education and likely to occupy a large role in the place of Education and Learning. There are various challengers in the implementation of Course Management System but once they came to institute it is widely spread and used by all the students and faculty. There are various Course Management Systems working now-a-days and they are widely used and accepted by the Learners. Moodle is the best Course Management System according to the Survey brought to you by CAPTERRA in October 2012.

BIBLIOGRAPHY:

1.   Anand, r. (2012). E-learning and its impact on rural areas. I.j.modern education and computer science, 46-52.

2.   Clark, t. (2001, october). Virtual schools: trends and issues. Wested ta consulting. Usa.

3.   Edelson, p. J. (2002, june 12-14). Strategy formation in virtual education: the case for dynamic incrementalism. Valencia, spain.

4.   Farrell, d. G. (2001). Issues and choices. 141-152.

5.   Farrell, d. G. (2001). The changing faces of virtual education. The commonwealth of learning. Vancouver, canada: the commonwealth of learning.

6.   Farrell, d. G. (1999). The development of virtual education: a global perspective. The commonwealth of learning. Vancouver, canada: col.

7.   Glass, g. V. (2009, 04). The realities of k-12 virtual education. The great lakes center for education research & practice. East lansing, mi 48826: http://www.greatlakescenter.org.

8. Holstead, m. S. (2008, spring 2008). Promises and pitfalls of virtual education in the united states and indiana. Center for evaluation & education policy. Bloomington, in 47401-3654: ceep.

9. Hussain, d. I. (2012). Study on instructional paradigms of virtual education in pakistan: a learners' perspective. The turkish online journal of educational technology, 178-186.

10. Jurich, s. (1999). Virtual education: trends and potential uses. Techknowlogia, 35-38.

11. Meerts, j. (2003, 10 20). Course management system (cms). Wesleyan university.

12. Morgan, g. (2003). Faculty use of course management system. Educause center for applied research. Boulder, colorado: educause.

13. Using course management systems. (2009). Copyright clearance center, inc. 222 rosewood drive, danvers, ma 01923: ccc.