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## EASY LEARNING SYSTEM

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### ABSTRACT

The use of laptops and the internet has created technological conditions for educators and students can benefit from a variety of online information, communication, collaboration and sharing with others. The integration of online services into teaching processes can be responsible for theme, social and digital development for relevant actors. There are many benefits to using Learning Management Systems (LMS) as a Moodle, to support higher education courses. We will also consider its implications for student support and online interaction, leading education agencies to interact with different learning environments, where they can combine face-toface instruction with computer instruction, mixed learning, and increase opportunities for improvement. quality and number of human interactions in the learning environment. Often the components of learning management systems consist of consistent and consistent communication tools, management features, and assessment tools. These assessment tools allow teachers to plan basic assessment tasks. The test can be delivered immediately to the student, and upon completion, immediately return the marks and a detailed answer. Learning management systems can therefore be used for assessment purposes in higher education.

### I. INTRODUCTION

Education website and software are becoming increasingly popular in today's world. Educational websites are created to provide educational information and more information about the College and Educational Resources. The purpose of the "Simple Learning Program" is to promote knowledge among students as well there are Requirements. ELearning is another way of learning in the regular and general classroom so-called "online reading" or "remote reading" or "visual reading" or "mobile reading "or" digital reading "or" grade education ". ELearning combines primarily with the use of the Internet and one or more other technologies including one-or two-way transmission through open broadcast, closed circuit, cable, microwave, broadband lines, fiber optics, satellite, or wireless communication services or audio / video conference. ELearning at Bellevue College covers all online courses including hybrid formats, using Canvas, our Learning Management System [LMS]. Our plans include Online Bachelor's Degrees, Bachelor's Degrees, and Certificates.

• Online courses are taught online using Canvas, our learning management system. In an online study, the Canvas site online takes its place delivery class experience.

• Although you do not have to come to the BC campus, you can still come Activated assignments or tests, which will take place "offline". A number of classes including service learning, labs, field trips, development tests, tasks and assignments that may not require a computer.

• Some classes may require proctored tests. The pastor will post information about you on how to take the test remotely, if you you cannot attend a compass test session.

• If you are going to travel outside the US during the quarter, please travel is aware of any Internet restrictions in your country (ies). Others course content may not be available. Talk to your pastor / counselor about this before starting studies.

• Online lessons will be selected from the classroom plan in stages OAS, OBS, OCS, etc.

• Hybrid courses are taught part of the internet and part of the campus. Campus the session usually lasts just one day a week. Some of your work is done online with Canvas, our learning management system. These lessons will be selected in the class schedule with categories HYA, HYB, HYC, etc.

• Advanced web courses are taught on campus as a whole. The pastor will post your knowledge of Canvas, our learning management system. Posts are possible enter syllabus and handouts.

## **II. METHODOLOGY**

A get built integrated management system can be idea of as a large repository that lets built integrated users to save and track built-in in one region. Any person with a secure log built-in and password can get admission to the gadget and its on-line built-in learn built integrated resources. Or, if the built-in integrated is self-hosted,



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the consumer ought to either deploy the software program on their tough drive or access it via their organization's server. a few common capabilities discovered integrated a a success LMS integrated:

Responsive design - customers ought to be capable of get entry to the LMS from built-in integrated type of device they pick, whether it's a computer, computer, pill or cellphone. The LMS have to rout built integrated display the version nice desirable for the consumer's selected device. moreover, the LMS must additionally allow customers to download content so it is on hand even as off integrated.

Consumer-friendly integrated terface - The person integrated terface (UI) need to allow learners to without problems navigate the LMS platform. The UI have to additionally align with the abilities and dreams of each the user and the bus built integrated. An unbuilt-intuitive UI risks difficult or distract integrated users and could make the LMS built integrated.

Reviews and analytics - This built-includes e-Learn integrated gassessment equipment. built-in and integrated need to be capable of view and song their on line integrated initiatives to integrated if they are effective or want adjust built-ing. this will be carried out to organizations of rookies and built-in people.

Direction and catalog control - The LMS holds all the e-Learnintegratedg courses and the related path content material. Adm built-ins and built-in ought to be able to create and manage those catalogs and guides with the built integrated supply a more focused built-in built-in.

Content integrated teroper ability and built-integration - content material created and stored integrated an LMS must be packaged built-in accord built integrated with integrated teroperable standards, which built integrated SCORM and xAPI.

Aid offer built integrated - built-ind LMS carriers provide various degrees of support. Many provide online dialogue forums built-in which customers can built-in and assist every different. extra assist built-ingsintegrated, built-inintegrated a devoted toll-loose service variety, are to be had for a further value.

Certification and compliance help - this feature is essential to systems used for on line compliance school built integrated and certifications. built-in teachers and admintegrateds should be capable of assess an built-individual's ability set and discover any gaps built-inbuiltintegrated performance. this feature may also make it feasible to apply LMS data dur built integrated an audit.

Social built-in integrated talents - Many LMSes have started built-in integrated social media tools built-in their platform. This built-in customers to engage integrated with their peers, collaborate and percentage their get built integrated studies.

Gamification - some LMSes encompass integrated recreation mechanics or 7fd5144c552f19a3546408d3b9cfb 251 gamification features that permit built integrated and adm built-ins to create guides with greater motivation and engagement. this could help students who want additional built-incentive to f built integrated the direction, probable built-inintegrated form of leaderboards, built-inpobuilt integrated and badges.

Automation - built-inbuilt integrated management systems must permit built-in to automate repeated and tedious duties. Examples built-inconsist of user group built-ing, new consumer population, consumer deactivation and built-in enrollments.

Localization - it's far critical for LMSes to built-include multilbuilt-ingual support capabilities so the built-ing and built-inintegrated content material can built-in unaffected via language obstacles. a few LMSes built-inbuilt integrated geolocation capabilities that allow them to mechanically gift the suitable model of the course immediately upon access.

Artificial built-intelligence (AI) - built-in, artificial integrated intelligence can help an LMS create personalised built-ing experiences for users by us built integrated built-inintegrated course formats desirable to their wishes, and by means of suggest built-ing subjects the consumer may locate integrated built-ingintegrated primarily based at the courses they've already completed integrated.

## III. MODELING AND ANALYSIS

The greater interface languages are supported by means of one software, the more the wide variety of its users. The abbreviation codes used in the second-row have been described in the previous phase. If the LMC has a number of the requested capabilities, the """ signal is ready on the respective location. all the features that the LMS structures have and which can be the subject of this observe are supplied in desk 3. The acquired effects



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are illustrated in figure 1. The wellknown functionalities that most of the studied LM platforms possess are truely shown. The analysis confirms that 89% of the platforms meet the SCORM wellknown. fixing responsibilities and assignments and adding answers to the e-getting to know environment is feasible only in 89% (L4 standards). although there are types of social networks and immediately messaging software packages, only forty seven% of the analysed structures have provided chat functionality, and 69% of they all support a forum. If this doesn't alternate in the destiny LMS structures, it is pretty possible that the effect of the social networks will boom within the area of schooling, and soon we will begin talking approximately social network learning control systems. every other hassle found on this study is a characteristic of developing records backup. for instance, the users of cloudbased LMS are hardly ever able to automate the procedure of creating statistics backup. In modern structures, the ever-present use of net-primarily based technology for growing the brand new systems appropriated for each computing tool is located. a few studied systems have proposed the aid for self-sign in and developing new consumer profiles (T10 standards). subsequently, extra human beings could have an equal get admission to to training. based totally on our survey, the principle trends in cutting-edge LMS structures may be summarised as follows:

- Presenting cross-platform guide
- Asynchronous paintings
- Multilingual interface assist

• Help of the person self-registration - the person can create an account with out a pre-request to an administrator.

• Improving gamification

• Enhancing the communication between customers, consisting of sharing textual content and multimedia data, and bringing the contemporary lms systems in the direction of the concept of social networks.

• The usage of cloud technology to create lms structures, decreasing the want for specialized laptop equipment along with web servers, web addresses, and community directors to aid them.

• Functionality to without problems create and control lectures, sporting activities and responsibilities by teachers and facilitated solution to these responsibilities via students/college students, the use of interactive control models.



## IV. RESULTS AND DISCUSSION

This examine base on an empirical method divided into two degrees. within the first level, the standards for evaluation of e-mastering software program are decided on. these criteria are based on the examine of the medical works, posted during 2004-2019 and presented inside the previous segment. the second one stage is



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composed of the choice of LMS systems to be analysed. After conducting search with keywords "e-mastering device", "cellular studying" and "studying management device" in Google and Bing engines like google, 36 LMS frameworks had been decided on. For the sake of completeness, the collected facts were supplied in two tables (table 2 and table 3) thatfollow the standards set out in this newsletter. This statistics turned into gathered from the websites of the LMS systems whose addresses were offered in the first column of desk 2.

#### **Table 1:** Comparison of displacement of all 4 cases

TABLE III TECHNICAL INFORMATION OF THE LMS ANALYZED.

Learning management systems     Price/ License     Users according to the rystem the LMS     Supported to the system       Adobe Captivate Prime (https://www.adobe.com/products/captivateprime.html)     45 per month/12995 full license     1.000,000 +     10       BizLibrary (https://www.bizlibrary.com)     N/A     100,000 +     1       BizLibrary (https://www.bizlibrary.com)     N/A     100,000 +     1       BizkBoard (https://www.bizlibrary.com)     N/A     15,000,000 +     2       Chamile (https://www.bizlibrary.com)     N/A     15,000,000 +     3       Cornerstone OnDemand (https://www.concerstoneondemand.com/learning)     85-205 per user     80+ companies     45       Decebo (https://www.cduok.com/)     N/A     6,000,000     16       Edmode (https://www.cduok.com/)     N/A     100+     46       Edmode (https://www.cduok.com/)     N/A     100     10       Estructure (https://www.clacadium.com/)     955 per month     N/A     40       Istructure (https://www.ispringsolutions.com)     15 per month     1/A     40       Latrutube (https://www.ispringsolutions.com)     15 per month     1/A     40       Latrutube	h	1			
Adobe Captivate Prime (https://www.adobe.com/products/captivateprime.html)     4% per month/12995 full license     1,000,000 +     10       Atture (https://www.bizlibrary.com)     N/A     100,000 +     1       Bizk.Bard (https://www.bizlibrary.com)     N/A     100,000 +     1       BickBard (https://www.blackboard.com)     N/A     15,000,000 +     12       Chamilo (https://www.dlackboard.com)     N/A     15,000,000 +     12       Chamilo (https://www.dlackboard.com)     N/A     15,000,000 +     12       Chamilo (https://www.dlackboard.com)     N/A     15,000,000 +     12       Decebo (https://www.dlackboard.com/)     Open source (GNU License)     1,200,000 +     45       Docebo (https://www.decdbo.com)     N/A     6,000,000 +     40       Educatium (https://www.decdbo.com)     N/A     N/A     46       Educatium (https://www.decdbo.com)     N/A     100+     47       Errout (https://www.decdbo.com)     7508 per month     N/A     40       Instructure (https://www.decdbo.com)     17508 per month     N/A     40       Instructure (https://www.ispringsolutions.com)     1706 per month     42	Learning management systems	Price/ License	Users according to the website of the LMS	Supported interface languages (sum) 10	
Autor (https://www.bit/bitrary.com)     Open Source     N/A     62       Bit/Library (https://www.bit/bitrary.com)     N/A     100,000 + 1     1       BackBoard (https://www.bit/bitrary.com)     N/A     25,000,000 + 2     25       Brightspace (https://www.bit/bitrary.com)     N/A     15,000,000 + 12     2       Chamilo (https://www.cornerstoneondemand.com/learning)     BS 205 per user     80+ companies     45       Decebo (https://www.docebo.com)     N/A     6,000,000 + 40     16       Edmodo (https://www.domdo.com/)     Free or 2,5005/school/year     58,000,000 + 40       Edmodo (https://www.domdo.com/)     N/A     46       Edws (https://www.educadum.com/)     995 per month     N/A     40       Instructure (https://www.ispringsolutions.com)     7505 per month     N/A     40       Instructure (https://www.ispringsolutions.com)     9705 per year     160,000 1     1       Latitude Learning (https://www.ispringsolutions.com)     15 per month     4,200,000 4     1       LearnUpon (https://www.ispringsolutions.com)     16 per month     4,000,000 11     1       LearnUpon (https://www.ispringsolutions.com)     8/97 per month <td>Adobe Captivate Prime (https://www.adobe.com/products/captivateprime.html)</td> <td>4\$ per month/1299\$ full license</td> <td>1,000,000 +</td>	Adobe Captivate Prime (https://www.adobe.com/products/captivateprime.html)	4\$ per month/1299\$ full license	1,000,000 +		
BizLibrary (https://www.bizlibrary.com)     N/A     100,000 +     1       BickBoard (https://www.bizkboard.com)     N/A     25,000,000     25       Brightspace (https://www.dccbo.com)     N/A     15,000,000 +     12       Cornerstone OnDemand (https://www.cornerstoneondemand.com/learning)     SS-205 per user     80+ companies     45       Docebo (https://www.docebo.com)     N/A     6,000,000     40       Edmodo (https://www.docebo.com)     N/A     6,000,000     16       Eddws (http://www.cdmodo.com/)     Free or 2,5005/school/year     58,000,000     16       Eddws (http://www.cdmodo.com/)     N/A     46     20     46       Eddradium (https://www.cdmodo.com/)     995 per month     N/A     40       Instructure (https://www.istructure.com/)     N/A     20,000,000     34       SpringLearn (https://www.ispringsolutions.com)     15 per month     4,200,000     4       LearnLing (https://www.ispringsolutions.com)     15 per month     4,000,000     11       LearnLing (https://www.ispringsolutions.com)     16 per month     4,000,000     12       LearatLing (https://www.istrustore.com/)     N/A	Atutor (https://atutor.github.io/)	Open Source	N/A	62	
BlackBoard (https://www.blackboard.com)     NA     25,000,000     25       Brightspace (https://www.dl.com/)     N/A     15,000,000+     12       Chamilo (https://chamilo.org/en/)     Open source (GNU License)     12,000,000     3       Correrstone OnDemand (https://www.cornerstoneondemand.com/learning)     S8-208 per user     80+ companies     45       Docebo (https://www.edmodo.com/)     Free or 2,5005/school/year     58,000,000     16       Edwodo (https://www.edmodo.com/)     N/A     6,000,000     16       Edwadu (https://www.edmodo.com/)     N/A     46       Educadium (https://www.edmodo.com/)     995 per month     N/A     40       Instructure (https://www.ispring.coutions.com)     1705 per month     N/A     40       Instructure (https://www.ispringsolutions.com)     9705 per year     160,000     1       Latitude Learning (https://www.ispringsolutions.com)     15 per month     4,200,000     4       LearnLing (https://www.ispringsolutions.com)     2006 per month     4,000,000     14       LearnLing (https://www.ispringsolutions.com)     65 per month     4,000,000     28       Mindflash (https://www.isonon)	BizLibrary (https://www.bizlibrary.com)	N/A	100,000 +	1	
Brightspace (https://www.d21.com/)     N/A     15,000,000+     12       Chamile (https://chamile.org/en/)     Open source (GNU License)     1,200,000     3       Cornerstone OnDemand (https://www.cornerstoneondemand.com/learning)     85-205 per user     80+ companies     45       Doecho (https://www.docebo.com)     N/A     6,000,000     40       Edmodo (https://www.edmod.com/)     Free or 2,500\$/school/year     58,000.00     16       Edsby (http://www.edmod.com/)     N/A     N/A     46       Educadium (https://www.educadium.com/)     995 per month     N/A     100+       eFront (https://www.efrontlearning.com/)     17505 per month     N/A     40       Instructure (https://www.ispringsolutions.com)     9705 per year     160,000     1       Latitude Learning (https://www.learnipsolutions.com)     13 per month     4,200,000     4       LearnLing (https://www.learnupon.com)     4996 per month     4,000,000     11       LearnLing (https://www.learnupon.com)     N/A     N/A     12       Litmos (https://www.learnupon.com/)     N/A     N/A     12       Modide (https://www.learnupon.com/)     N/A	BlackBoard (https://www.blackboard.com)	N/A	25,000,000	25	
Chamile (https://chamile.org/en/)     Open source (GNU License)     1,200,000     3       Cornerstone OnDemand (https://www.cornerstoneondemand.com/learning)     85-205 per user     80+ companies     45       Doceho (https://www.docebo.com)     NA     6,000,000     40       Edmodo (https://www.docebo.com)     NA     6,000,000     40       Edmodo (https://www.docebo.com)     NA     6,000,000     16       Edsby (http://www.edmodo.com/)     Free or 2,5005/school/year     58,000,000     16       Edsby (http://www.educadium.com/)     99\$ per month     N/A     46       Educadium (https://www.ispringsolutions.com)     750\$ per month     N/A     40       Instructure (https://www.ispringsolutions.com)     15 per month     42,000,000     34       IspringLearn (https://www.ispringsolutions.com)     15 per month     42,000,000     14       LearnLing (https://www.learning.com)     2000 per month     750,000     14       LearnLing (https://www.learning.com/)     N/A     N/A     24       Moodle (https://www.learning.com/)     N/A     14     24       LearnLing (https://www.learning.com/)     N/A <td< td=""><td>Brightspace (https://www.d2l.com/)</td><td>N/A</td><td>15,000,000+</td><td>12</td></td<>	Brightspace (https://www.d2l.com/)	N/A	15,000,000+	12	
Cornerstone OnDemand (https://www.cornerstoneondemand.com/learning)     85-205 per user     80+ companies     45       Docebo (https://www.docebo.com)     N/A     6,000,000     40       Edmodo (https://www.docebo.com)     Free or 2,5005/school/year     58,000,000     16       Edsby (http://www.docebo.com)     N/A     N/A     46       Educadium (https://www.educadium.com/)     995 per month     N/A     40       Instructure (https://www.instructure.com/)     N/A     20,000,000     34       IspringLearn (https://www.instructure.com/)     N/A     20,000,000     4       LearnLing (https://www.ispringsolutions.com)     15 per month     4,200,000     4       LearnLing (https://www.learnipon.com)     2006 per month     750,000     14       LearnLing (https://www.learnipon.com)     2006 per month     4,000,000     11       Leasonly (https://www.learnipon.com/)     N/A     N/A     12       Litmos (https://www.learnipon.com/)     65 per month     4,000,000     28       Mindflash (https://www.learnipon.com/)     N/A     N/A     12       Lessonly (https://www.learning.com/)     N/A     12	Chamilo (https://chamilo.org/en/)	Open source (GNU License)	1,200,000	3	
Docebo (https://www.docebo.com)     N/A     6,000,000     40       Edmodo (https://www.edmodo.com/)     Free or 2,500\$/school/year     58,000,000     16       Edsby (http://www.edsby.com/)     N/A     N/A     46       Educadium (https://www.edsby.com/)     995 per month     N/A     100+       eFront (https://www.efontlearning.com/)     7505 per month     N/A     40       Instructure (https://www.instructure.com/)     N/A     20,000,000     34       IspringLearn (https://www.instructure.com/)     N/A     20,000,000     4       LearaLing (https://www.ispringsolutions.com)     15 per month     4,200,000     4       LearaLing (https://www.ispringsolutions.com)     206 per month     750,000     14       LearaLing (https://www.learning.com)     206 per month     4,000,000     11       Lessonly (https://www.learning.com/)     N/A     N/A     12       Litmos (https://www.learning.com/)     N/A     N/A     12       Litmos (https://www.ispringsolutions.com/)     N/A     N/A     24       Moodle (https://www.ispringsolutions.com/)     Free / Premium     142,106,528     100+	Cornerstone OnDemand (https://www.cornerstoneondemand.com/learning)	8\$-20\$ per user	80+ companies	45	
Edmode (https://www.edmodo.com/)     Free or 2,500\$/school/year     58,000,000     16       Edsby (http://www.edsby.com/)     N/A     N/A     46       Educadium (https://www.educadium.com/)     99\$ per month     N/A     100+       eFront (https://www.educadium.com/)     750\$ per month     N/A     40       Instructure (https://www.instructure.com/)     N/A     20,000,000     34       SpringLearn (https://www.instructure.com)     N/A     20,000,000     4       LearnLing (https://www.ispringsolutions.com)     15 per month     4,200,000     4       LearnLing (https://www.learnling.com)     200€ per month     750,000     14       LearnLing (https://www.learnling.com/)     200€ per month     4,000,000     11       Lessonly (https://www.learnling.com/)     N/A     12     12       Litmos (https://www.indflash.com/)     N/A     14     24       Moodle (https://www.indflash.com/)     N/A     142,106,528     100+       NEO LMS (https://www.nedms.com)     Free / Premium     142,106,528     100+       NEO LMS (https://www.sakailms.org/)     Open Source (GNU License)     14,000,000 <td< td=""><td>Docebo (https://www.docebo.com)</td><td>N/A</td><td>6,000,000</td><td>40</td></td<>	Docebo (https://www.docebo.com)	N/A	6,000,000	40	
Edsby (http://www.edsby.com/)     N/A     N/A     46       Educadium (https://www.educadium.com/)     99\$ per month     N/A     100+       eFront (https://www.efrontlearning.com/)     750\$ per month     N/A     40       Instructure (https://www.ispringsolutions.com)     N/A     20,000,000     34       iSpringLearn (https://www.ispringsolutions.com)     970\$ per year     160,000     1       Latitude Learning (https://www.ispringsolutions.com)     1\$ per month     4,200,000     4       LearnLing (https://www.learnling.com)     2000 per month     750,000     14       LearnLing (https://www.learnling.com)     2000 per month     4,000,000     11       Leasonly (https://www.learnling.com)     MVA     N/A     12       Litmos (https://www.learnling.com)     N/A     N/A     12       Litmos (https://www.learnling.com/)     N/A     N/A     24       Moodle (https://www.learnling.com/)     NA     N/A     24       Moodle (https://www.neolms.com)     Free / Premium     142,106,528     100+       NEO LMS (https://www.sakaims.org/)     Open Source (GNU License)     14,000,000     5	Edmodo (https://www.edmodo.com/)	Free or 2,500\$/school/year	58,000,000	16	
Educadium (https://www.educadium.com/)     995 per month     N/A     100+       eFront (https://www.efrontlearning.com/)     7505 per month     N/A     40       Instructure (https://www.instructure.com/)     N/A     20,000,000     34       iSpringLearn (https://www.inspringsolutions.com)     9705 per year     160,000     1       Latitude Learning (https://www.ispringsolutions.com)     15 per month     4,200,000     4       LearnLing (https://www.ispringsolutions.com)     2006 per month     750,000     14       LearnLing (https://www.learnipo.com)     4996 per month     4,000,000     11       Lessonly (https://www.learnipo.com/)     N/A     N/A     12       Litmos (https://www.lisos.com/)     N/A     N/A     12       Mindflash (https://www.inflash.com/)     N/A     N/A     24       Moodle (https://www.inflash.com/)     Free / Premium     142,106,528     100+       NEO LMS (https://www.sakainms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://www.sakailms.cog/)     Open Source (GNU License)     14,000,000     5       Saba Software (www.saka.com)     N/A     8	Edsby (http://www.edsby.com/)	N/A	N/A	46	
eFront (https://www.efrontlearning.com/)     750S per month     N/A     40       Instructure (https://www.instructure.com/)     N/A     20,000,000     34       IspringLearn (https://www.ispringsolutions.com)     970S per year     160,000     1       Latitude Learning (https://www.ispringsolutions.com)     1S per month     4,200,000     4       LearnLing (https://www.learninq.com)     200€ per month     750,000     14       LearnUpon (https://www.learninq.com)     499€ per month     4,000,000     11       Lessonly (https://www.leasonly.com/)     N/A     N/A     12       Litmos (https://www.litmos.com/)     6S per month     4,000,000     28       Mindflash (https://www.esonly.com/)     N/A     N/A     24       Moodle (https://www.learning.com)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://www.saka.com)     N/A     33,000,000     5       Saba Software (www.saka.com)     N/A     48,750,000     46       SkillSoft (http://www.sakalens.org/)     Open Source (GNU License)     N/A	Educadium (https://www.educadium.com/)	99\$ per month	N/A	100+	
Instructure (https://www.instructure.com/)     N/A     20,000,000     34       IspringLearn (https://www.instructure.com/)     970\$ per year     160,000     1       Latitude Learning (https://www.inspringsolutions.com)     1\$ per month     4,200,000     4       LearnLinq (https://www.iearnlinq.com)     200€ per month     750,000     14       LearnLing (https://www.learnlinq.com)     200€ per month     4,000,000     11       Lessonly (https://www.learnlinq.com/)     N/A     N/A     12       Litmos (https://www.lessonly.com/)     N/A     N/A     12       Litmos (https://www.lessonly.com/)     6\$ per month     4,000,000     28       Mindflash (https://www.liftinds.com/)     N/A     N/A     24       Moodle (https://moodle.com/)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://www.saka.com)     N/A     33,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       SAF SuccessFactors (www.successfactors.com)     N/A     48,750,000     96 <	eFront (https://www.efrontlearning.com/)	750\$ per month	N/A	40	
iSpringLearn (https://www.ispringsolutions.com)     970\$ per year     160,000     1       Latitude Learning (https://www.ispringsolutions.com)     15 per month     4,200,000     4       LearnLinq (https://www.learnlinq.com)     200€ per month     750,000     14       LearnUpon (https://www.learnlinq.com)     499€ per month     4,000,000     11       Lessonly (https://www.learnlinq.com)     M99€ per month     4,000,000     28       Mindflash (https://www.lessonly.com/)     N/A     N/A     24       Moodle (https://www.lessonly.com/)     N/A     N/A     24       Moodle (https://www.nindflash.com/)     N/A     N/A     24       Moodle (https://www.neolms.com)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://www.saba.com)     N/A     33,000,000     40+       Saka i (https://www.saba.com)     N/A     18     SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.skillsoft.com/)     Free/Paid     23,000,000     29     SkyPrep (http://skyprep.com/)	Instructure (https://www.instructure.com/)	N/A	20,000,000	34	
Latitude Learning (https://www.ispringsolutions.com)     1\$ per month     4,200,000     4       LearnLinq (https://www.learnlinq.com)     200€ per month     750,000     14       LearnUpon (https://www.learnlinq.com)     499€ per month     4,000,000     11       Lessonly (https://www.learnlinq.com)     M/A     N/A     12       Litmos (https://www.learnlinq.com/)     N/A     N/A     12       Litmos (https://www.learnlinds.com/)     N/A     N/A     24       Moodle (https://www.indflash.com/)     N/A     N/A     24       Moodle (https://www.neolms.com)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://open.edx.org/)     Open Source (GNU License)     14,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.sabaims.org/)     Open Source (GNU License)     N/A     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.skillsoft.com/)     Free/Paid     23,000,000     29 <td>iSpringLearn (https://www.ispringsolutions.com)</td> <td>970\$ per year</td> <td>160,000</td> <td>1</td>	iSpringLearn (https://www.ispringsolutions.com)	970\$ per year	160,000	1	
LearnLinq (https://www.learnlinq.com)     200€ per month     750,000     14       LearnUpon (https://www.learnupon.com)     499€ per month     4,000,000     11       Lessonly (https://www.learnupon.com)     N/A     N/A     12       Litmos (https://www.lessonly.com/)     K/A     N/A     12       Litmos (https://www.lessonly.com/)     65 per month     4,000,000     28       Mindflash (https://www.itmos.com/)     N/A     N/A     24       Moodle (https://www.nindflash.com/)     N/A     N/A     24       Moodle (https://www.neolms.com)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://open.edx.org/)     Open Source (GNU License)     14,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.sabaims.org/)     Open Source (GNU License)     N/A     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.skillsoft.com/)     Free/Paid     23,000,000     29 <t< td=""><td>Latitude Learning (https://www.ispringsolutions.com)</td><td>1\$ per month</td><td>4,200,000</td><td>4</td></t<>	Latitude Learning (https://www.ispringsolutions.com)	1\$ per month	4,200,000	4	
LearnUpon (https://www.learnupon.com)     499€ per month     4,000,000     11       Lessonly (https://www.learnupon.com/)     N/A     N/A     12       Litmos (https://www.lessonly.com/)     65 per month     4,000,000     28       Mindflash (https://www.litmos.com/)     N/A     N/A     24       Moodle (https://moodle.com/)     N/A     N/A     24       Moodle (https://www.neolms.com)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://open.edx.org/)     Open Source (GNU License)     14,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.sakailms.org/)     Open Source (GNU License)     N/A     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://www.sumtotalsystems.com/)     N/A     500+ companies     29 </td <td>LearnLing (https://www.learnling.com)</td> <td>200€ per month</td> <td>750,000</td> <td>14</td>	LearnLing (https://www.learnling.com)	200€ per month	750,000	14	
Lessonly (https://www.lessonly.com/)     N/A     N/A     12       Litmos (https://www.litmos.com/)     65 per month     4,000,000     28       Mindflash (https://www.nindflash.com/)     N/A     N/A     24       Moodle (https://moodle.com/)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://open.edx.org/)     Open Source (GNU License)     14,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.sabai.ms.org/)     Open Source (GNU License)     N/A     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://www.sumtotalsystems.com/)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.sumtotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentlms.com)     Free/29\$ per month     2,600,00	LearnUpon (https://www.learnupon.com)	499€ per month	4,000,000	11	
Litmos (https://www.litmos.com/)     65 per month     4,000,000     28       Mindflash (https://www.mindflash.com/)     N/A     N/A     24       Moodle (https://moodle.com/)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://www.saba.com)     N/A     33,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.saba.com)     N/A     18     5       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.skillsoft.com/)     Free/Enterprise License     10,000,000+     6       SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     3498 per month     250,000+     5+       ProProfs (https://www.sumtotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentlms.com)     Free/298 per month     2,600,000     13	Lessonly (https://www.lessonly.com/)	N/A	N/A	12	
Mindflash (https://www.mindflash.com/)     N/A     N/A     24       Moodle (https://moodle.com/)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://open.edx.org/)     Open Source (GNU License)     14,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.sabaims.org/)     Open Source (GNU License)     N/A     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.schoology.com/)     Free/Enterprise License     10,000,000+     6       SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.suntotalsystems.com/)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.suntotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentIms.com)     Free/29\$ per month     2,600,000     13	Litmos (https://www.litmos.com/)	6\$ per month	4,000,000	28	
Moodle (https://moodle.com/)     Free / Premium     142,106,528     100+       NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://open.edx.org/)     Open Source (GNU License)     14,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.saba.com)     N/A     18     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.schoology.com/)     Free/Enterprise License     10,000,000+     6       SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.suntotalsystems.com/)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.suntotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentIms.com)     Free/29\$ per month     2,600,000     13	Mindflash (https://www.mindflash.com/)	N/A	N/A	24	
NEO LMS (https://www.neolms.com)     Free / 0.05 per user     1,125,219     40+       Open edX (https://open.edx.org/)     Open Source (GNU License)     14,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.saba.com)     N/A     18     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.schoology.com/)     Free/Enterprise License     10,000,000+     6       SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.suntotalsystems.com/)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.stalentlms.com)     Free/29\$ per month     2,600,000     13	Moodle (https://moodle.com/)	Free / Premium	142,106,528	100+	
Open edX (https://open.edx.org/)     Open Source (GNU License)     14,000,000     5       Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.saba.com)     Open Source (GNU License)     N/A     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.schoology.com/)     Free/Enterprise License     10,000,000+     6       SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.suntotalsystems.com/)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.suntotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentIms.com)     Free/29\$ per month     2,600,000     13	NEO LMS (https://www.neolms.com)	Free / 0.05 per user	1,125,219	40+	
Saba Software (www.saba.com)     N/A     33,000,000     40+       Sakai (https://www.sabai.ms.org/)     Open Source (GNU License)     N/A     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.schoology.com/)     Free/Enterprise License     10,000,000+     6       SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.sproprofs.com)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.suntotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentIms.com)     Free/29\$ per month     2,600,000     13	Open edX (https://open.edx.org/)	Open Source (GNU License)	14,000,000	5	
Sakai (https://www.sakailms.org/)     Open Source (GNU License)     N/A     18       SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.schoology.com/)     Free/Enterprise License     10,000,000+     6       SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.proprofs.com)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.suntotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentIms.com)     Free/29\$ per month     2,600,000     13	Saba Software (www.saba.com)	N/A	33,000,000	40+	
SAP SuccessFactors (www.successfactors.com)     N/A     48,750,000     96       Schoology (http://www.schoology.com/)     Free/Enterprise License     10,000,000+     6       SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.proprofs.com)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.sumtotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentIms.com)     Free/29\$ per month     2,600,000     13	Sakai (https://www.sakailms.org/)	Open Source (GNU License)	N/A	18	
Schoology (http://www.schoology.com/)     Free/Enterprise License     10,000,000+     6       SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.proprofs.com)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.sumtotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentIms.com)     Free/29\$ per month     2,600,000     13	SAP SuccessFactors (www.successfactors.com)	N/A	48,750,000	96	
SkillSoft (http://www.skillsoft.com/)     Free/Paid     23,000,000     29       SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.proprofs.com)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.sumtotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentlms.com)     Free/29\$ per month     2,600,000     13	Schoology (http://www.schoology.com/)	Free/Enterprise License	10,000,000+	6	
SkyPrep (http://skyprep.com/)     349\$ per month     250,000+     5+       ProProfs (https://www.proprofs.com)     Free / 59\$ per month     1,000,000     100+       SumTotal (https://www.sumtotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentlms.com)     Free/29\$ per month     2,600,000     13	SkillSoft (http://www.skillsoft.com/)	Free/Paid	23,000,000	29	
ProProfs (https://www.proprofs.com)     Free / 59\$ per month     1.000.000     100+       SumTotal (https://www.sumtotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentlms.com)     Free/29\$ per month     2,600,000     13	SkyPrep (http://skyprep.com/)	349\$ per month	250,000+	5+	
SumTotal (https://www.sumtotalsystems.com/)     N/A     500+ companies     29       TalentLMS (www.talentlms.com)     Free/29\$ per month     2,600,000     13	ProProfs (https://www.proprofs.com)	Free / 59\$ per month	1,000,000	100+	
TalentLMS (www.talentlms.com)     Free/29\$ per month     2,600,000     13	SumTotal (https://www.sumtotalsystems.com/)	N/A	500+ companies	29	
	TalentLMS (www.talentlms.com)	Free/29\$ per month	2,600,000	13	
Tortal Training LMS (https://www.tortal.com/learning-management-system-lms) Free/Paid 493,000 1	Tortal Training LMS (https://www.tortal.com/learning-management-system-lms)	Free/Paid	493,000	1	
Thinkific (www.thinkific.com) Free/49\$ per month 11,400,000 31	Thinkific (www.thinkific.com)	Free/49\$ per month	11,400,000	31	
WizIQ (www.wiziq.com) 20\$ per month 500,000 21	WizIQ (www.wiziq.com)	20\$ per month	500,000	21	
WashWine (https://www.washwine.com) 50000 annually 5/4 8	WorkWize (https://www.workwize.com)	5900\$ annually	N/A	8	

We analysed the selected LMS structures with the criteria proposed in the preceding phase. The a part of their technical specification, taken from LMS' web sites, is supplied in table 2. The "N/A" is written within the vicinity where statistics was now not found. An interesting observation is that very few of the studied LMS structures have an open source, such as Atutor, Chamilo, Sakai, Open edX. however different e-getting to know structures offer unfastened variations in their restricted-edition software, and more than one of them have paid variations. nearly all studied LMS structures meet the requirements described in the "Sharable content material item Reference version" (SCORM) standard [39] except for Cornerstone On Demand, Edmodo SkillSoft, Thinkific, WorkWize. maximum of the present day LMS structures offer multilingual interface help, making it less difficult for users to use their native language. for instance, handiest 28% of the studied LMS structures supported up to ten distinctive interface languages, and the ultimate seventy two% of them aid more than 10 interface languages. handiest 3 of the systems, particularly, Tortal schooling LMS, iSpringLearn, and BizLibrary, help only English as interface language. This variety of languages may be described as a very good practice for software developers, which necessarily leads to an growth inside the reach of customers, which is also obvious from table 2.



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## Table 2

						TH	LMS	E IIII ANAL	YZE.										
Learning Management	Learning Skills Tools						Communica tion tools			Productivity Tools									
Systems (LMS) Platforms	LI	1.2	L3	1.4	L5	L6	CI	C2	<b>C3</b>	п	T2	<b>T3</b>	<b>T4</b>	<b>T5</b>	T6	<b>T7</b>	<b>T8</b>	Т9	T10
Adobe Captivate Prime	*	*	*	*	*	*		*	1	*	*	*	*	*	*	*	*	*	1
Atutor	*	1	*	1	*	*	*	1	1	*	*	1	*	*	*	*	۸		1
BizLibrary	1	1	1	1	1	1			1	1	1	1	1	1	*	*	1		1
BlackBoard	1	1	*	*	1	1	1	1	1	1	1	1	*	*	*	*	1		
Brightspace	1	1	1	1	1	1	1	1	1	1	1	1	*	1		*	1		1
Chamilo	*	1	*	1	*	*	*	1	1	*	*	1	*	*	*	*	۸	1	1
Cornerstone OnDemand	*	1	*	*	*	*		*	1	*	*	1	*	*		*	*		1
Docebo	1	1	1	1	1	1		1	1	1	1	1	*	1	*	*	1		1
Edmodo		1	*	*	*	1	1	1	1	*	*	1	*	*	*	*	*		1
Edsby	*	1	*			1		*	1	*	*	1	*	*			*		1
Educadium	1	1	1	1	1	1	1	1	1	*	1	1	*	1		*	1		1
eFront	1	1	1		1	1			1	1	1	1	*	1		*	1		1
Instructure	1	1	1	1	1	1		1	1	*	1	1	*	1	*	*	1		1
iSpringLearn	1	1	1	1	1	1			1	1	1	1	1	1	*	*	1	1	
Latitude Learning	1	1	1	*					1	×	1	1	*	1	*	*	1		1
LearnLing	1	1	1	1		1			1	1	1	1	*	1		*	1		1
LearnUpon	1	1	1	1	1	1	1	1	1	*	1	1	*	1	*	*	1		1
Lessonly	1	1	1		1	1	1	1	1	1	1	1	1	1		*	1		1
Litmos	1	1	1	*					1	×	×	1	*	1	*	*	1		1
Mindflash	1	1	1						1	*	1	1	1	1	*		1		1
Moodle	1	1	1	1		1	1	1	1	×	1	1	*	1	*	*	*	*	1
NEO LMS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	*	*	1	1	1
Open edX	1	1	1	×		1	1	1	1	*	1	1	*	1	*	*	1	*	1
ProProfs	1	1	1					1	1	1	1	1	*	1	*	*	1		1
Saba Software	1	1	1	*	1	1	1	1	1	*	1	1	*	1	*	*	*		1
Sakai	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1		1
SAP SuccessFactors		1	1	1	1	1	1	1	1	1	1	1	1	1	*	*	1		1
Schoology	1	1	1		1			1	1	1	1	1	*	1	*	*	1		1
SkillSoft	*	1	1	*		1			1	*	1	1	*	1	*	*	*		1
SkyPrep	1	1	1	*	1	1		*	1	*	1	1	*	1	*	*	1		1
SumTotal	1	1	1	1	1	1	1	1	1	1	1	1	*	1		*	1		1
TalentLMS	1	1	1	*	1	1	1	1	1	*	1	1	*	1	*	*	1		1
Thinkific		1	1	*	1	1		*	1	*	1	1	*	1	*	*	*		1
Tortal Training LMS	*	1	1	*	1	1	1		1	*	1	1	*	1	*	*	*		1
WizIQ		1	1	*		1			1	1	1	1	*	1	*	*	1	*	1
WorkWize	1	1	1	1		1			1	1	1	1	1	1	1	1	1		1
Count of true (*)	32	36	36	32	25	35	17	25	36	36	36	36	36	36	28	34	36	8	34
Count of false	4	0	0	4	11	1	19	11	0	0	0	0	0	0	8	2	0	28	2

The extra interface languages are supported with the aid of one software, the extra the variety of its customers. The abbreviation codes used inside the second-row were defined inside the previous phase. If the LMC has some of the asked capabilities, the "2" signal is ready at the respective location. all of the features that the LMS structures have and which can be the concern of this observe are supplied in desk 3. The received consequences are illustrated in parent 1. The standard functionalities that most of the studied LMS platforms possess are clearly proven. The analysis confirms that 89% of the systems meet the SCORM widespread. fixing obligations and assignments and including solutions to the e-gaining knowledge of environment is viable most effective in 89% (L4 criteria). although there are sorts of social networks and immediate messaging software program applications, handiest 47% of the analysed systems have furnished chat capability, and 69% of all of them assist a forum. If this doesn't exchange within the destiny LMS structures, it's far quite feasible that the impact of the social networks will growth in the discipline of schooling, and shortly we can begin speaking about social network learning management systems. every other trouble observed in this take a look at is a characteristic of growing facts backup. as an instance, the users of cloud based LMS are infrequently able to automate the manner of developing records backup. In current structures, the ever-present use of net-based totally technology for growing the brand new systems appropriated for every computing tool is discovered. some studied systems have proposed the help for self-sign up and creating new user profiles (T10 criteria). therefore, greater humans will have an identical get entry to to education.

## V. CONCLUSION

This newsletter offers an empirical look at of the characteristics of 36 cutting-edge LMS systems. The take a look at was finished in two ranges. in the first step, the kingdom-of-artwork literature become discussed, and the standards for analysis of e-gaining knowledge of systems were decided on. within the 2d step, we targeted on the selection of LMS platforms for research. We used specific key phrases in Google and Bing search engines



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for the choice of such software. because of this examine, we will finish that maximum LMS systems have comparable functions. all of them help the usage of multimedia factors, creating and enhancing the lectures, physical games and route assignments. handiest 86% of the studied structures meet the SCORM fashionable, and no comparing structures of the freshmen' knowledge are possible in five% of \ them. An interesting result that simplest 46% of all the structures offer chat guide and most effective sixty eight% of them have discussion board support. This result confirms the trend that the LMS platforms with none conversation help for users are

extra suitable for a blending learning tool. the lack of communication support ends in using net boards and social networks out of the LMS, which contradicts to the concept of a unified gaining knowledge of surroundings system. regardless of the huge advances in software development and the fantastically lengthy duration of use of e-getting to know systems, they still do no longer meet all of the standards for an LMS, despite the fact that their authors described them as e-learning structures. this may in addition confuse the end-customers, e.g., teachers, students/college students and mother and father. As a destiny trend of LMS structures, we will point to the enhancement of real-time verbal exchange between person customers, using those structures as cloud services and the inclusion of introduced and virtual fact to their abilities.

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