Teachers want help with their administrative tasks (95% of all user actions)* Why we're more likely to benefit from helping teachers and instructors effectively manage their materials & improve their

communication with students. ← Winter 2020 Upcoming Courses \rightarrow Current Courses ▼ Cathy Chu **Upcoming Courses** Activity Stream **Current Courses** Q Search your courses All Courses ▼ 25 ▼ items per page

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Image source: Blackboard Learn by Anthology * According to Lonn, S., & Teasley, S. D. (2009)

1. Instructors aim to share materials, submit and return assignments & communicate online; 2. Tools that simply push out information from instructors to students are more heavily used and rated; 3. Most instructors begin adopting LMS for the distribution, management, and retrieval of course materials;

4. 39% of instructors rated "improving communication with my students" as the most valuable benefit of using an LMS.

Key findings ↓

2/10 Meaningfully aiming at making teaching more efficient (Morgan, 2003) Here I 'm analysing findings from a desk research conducted to

acquire domain knowledge and asses potential user needs and

expectations of teachers and instructors.

Three main scientific articles were collected based on the **number** of citations & having the intent of describing the attitudinal and behavioural aspects of a learning management system main type of users. The main aim of this early investigation is to help us shed light onto what our audience could be looking out for when considering the adoption of learning management system.

instructors as they adopt a course management system. Lonn, S., & Teasley, S. D. (2007) Investigating Perceptions and Uses of Learning Management Systems (2009).

Coates, H., james, R. & baldwin G. A (2005) Critical Examination Of The Effects Of Learning Management Systems On University Teaching And Learning. West, R. E., Waddoups, G., & Graham, C. R. (2007). Understanding the experiences of

3/10

4/10

Student Preview

5/10

Collapse all

6/10

Post

7/10

8/10

9/10

Păştean Paul ∨

Class Name ... ▼

These articles, corroborated, aim at clarifying what the target group is most likely to do and what they are most likely to expect. At a glance, it does seem to be the case that an overwhelming emphasis is being placed upon two things: 1. Document Management Capabilities;

2. Ease of addressing important information.

Based on this, the administrative tasks pertaining to main activities

etc. would benefit greatly from having a system that takes care of

At the end of ingesting this info, we should become more sensitive

i.e. teaching pupils, organising class events, grading student work

such obligations while synchronising announcements to

to our users daily challenges and reoccurring efforts.

students needs.

Where should we truly aim?

This brings on the opportunity to design a thoughtful solution that both parties(teachers-students) would ultimately find meaningful and useful for their contexts.

! If our design proves itself against the test of time, we can

export it to our document management system platform, thus

potentially saving time on development & building momentum.

Providing clarity on user needs The need for receiving assistance to teaching and learning activities

In 2002, around 54% of subjects from Australian universities

Among the earliest sought after features by universities and alike

institutions were "uploading and integrating digital resources"

and developing "assessment tasks and space for online

has been identified a while back.

contained an online component. [1]

discussion"[2]

Progress Tracking (1)

Turn on

Course Image
Edit display settings

Students can access this course

information for courses.

Course is open

Class Collaborate Join session

Attendance

ADMINISTRATION

My profile settings

Registration Advanced features

Courses

× Material

practices?

Calendar

▼ 2 Teaching

coursera

Week 5 Week 6

Week 7

Week 8

Week 10 Week 11

Week 12

Week 13

Discussion Forums

Grades

Notes

Messages

Resources

Course Info

instructors to students. [6]

Classroom > Class Name

Manage courses and categories

Add a category Course default settings

Course request Backups

Upload courses

Site administration Notifications

Course Content Q Course Faculty Jasmine Maxwell M ① Create **Exemplary Course Design** Copy Content Paul Pastean Cloud Storage **Details & Actions** Roster
View everyone in your course ■ Content Collection

> Introduction - Start Here

Introduction

Course Design

effectively manage their course-related files & documents.

such tools and functions that help manage materials and

Blackboard Learn incorporated different methods to help instructors

Users of early learning management systems - which used to be

called "course management systems" - indicated a preference for

This means that they looked for help to "facilitate flexible course

delivery, the identification and use of resources, communication

and conferencing, activities and assessments, collaborative work, and student management and support". [5] Ourse structure Start putting together your course by creating sections, lectures and practice (quizzes, coding exercises and assignments). Setup & test video Start putting together your course by creating sections, lectures and practice activities (quizzes, coding exercises and assignments). Use your course outline to structure your content and label your sections and lectures clearly. If you're intending to Create your content offer your course for free, the total length of video content must be less than 2 hours. Film & edit Ourriculum Curriculum Section 1: 🗅 Introduction Captions (optional) Accessibility (optional) Lecture 1: □ Introduction
 Introducti Publish your course Downloadable File Add from library External Resource Source Code Course landing page Pricing A descriptive title Promotions Course messages https://example.com **Submit for Review** Udemy.com allows their instructors to upload material with a wide range of options via their interface. The journey of providing value for the processes related to the distribution, management and retrieval of course material is a

popular reason for adopting an LMS among instructors. [6]

Choose a file...

UTF-8

Yet, it should not be mistaken that the mere presence of such

For what matters is "the way the tool is used in given course and if

software in the teachers' realm holds intrinsic value.

it helps achieve the desired course goals". [7]

Moodle Academy provides the ability to import different kinds of file types - such as CSVs - for making the migration of the course easier.

~

You can drag and drop files here to add them.

Upload courses ®

File*

CSV delimiter

Encoding

General

"Not Valuable". [6] Which brings us to the next important question:

What about leveraging this technology for innovating pedagogical

To not remain uncertain, it is suggested that interactive tools

available in the system were not yet as heavily used nor as highly

rated as were the tools that simply pushed out information from

Oursera.org syncs the staffs announcements regarding a particular course with their pupils through a discussion forum. All this body of knowledge indicates that our development efforts would be better off in terms of user adoption and satisfaction at the

institutional level, by focusing on providing great document

management and communication features and experiences,

Intelligently managing the documents teachers put out for their

adoption and satisfaction would have a favourable ROI, such as:

Speeding up the development process by having a clear vision;

Potential buy-in at the organisational level for the distribution

courses while making it easier for them to address prevalent

Emulating already approved interface patterns from

Wasting less time guessing at design level;

of employee training related documents;

information to their students, makes it probable that the user

Uses of Learning Management Systems; [7] Glenda Morgan (2003) Faculty use of Course Management Systems.

Sons;

Description (optional) $\mathsf{B} \quad I \quad \underline{\mathsf{U}} \; \coloneqq \; \mathbf{x}$ (+) Create Upload Google Classroom does a great job at making the tasks of uploading class materials user-friendly, by placing forth the choices the user can take to add their files. How do these needs map out? Based on usability related data, an overwhelming amount of user actions i.e. "Content sharing"; "Assignments"; "Announcements"; "Schedule" and "Syllabus", more specifically around 95% had to deal with document management and broadcast oriented communication tools. [6] When surveyed, very few instructors and students rated these as

To review Class Name Archived classes Class code Settings dlvzhea [] Upcoming Announce something to your class

Google Classroom - along with Blackboard Learn - meets the need for

We're repeatedly informed that features which enable access to

learning resources, communication between staff and students,

along with interactive multimedia, personal bookmarking and

Therefore, the correspondence between teachers aims at keeping

their pupils up to date on course material news and the students

need on being cognisant of significant study unit changes is

Discussion Forums > Learn Medical Neuroscience

by Ellen Vos-Wisse, course mentor and website constructor!).

Hope you are feeling good and enthusiastic about this course. I already finished it, and I can tell you with certainty that this is the $best \, course \, I \, have \, taken \, so \, far. \, I \, loved \, the \, unique \, way \, the \, Professor \, Leonard \, explains, \, and \, the \, amazing \, resources \, available \, (like \, the \, Incomplete \, the \, In$

web page https://www.learnmedicalneuroscience.nl/ I would highly recommend you to visit, it has very useful tools. It was made

I want to share with you that I made a SPECIAL hand-made NOTEBOOK for this course. I felt so passionated about it, that I decided

• I also did hand-made drawings, in order to VISUALIZE knowledge, a very important part of the study process that enables

I like to capt my attention while studying, make important things easy to see, and that's why I decided to make it vivid, with colors

I completed the course 1 year ago, and I'm revisiting my notebook to review all the important concepts in a simple way, for a

memory consolidation. They are not perfect, of course, but they are fundamental.

 $to \ write \ down \ all \ the \ key \ take aways \ in \ order \ to \ consolidate \ knowledge, and \ for \ making \ it \ easy \ for \ me \ to \ study \ the \ content.$

SPECIAL hand-made NOTEBOOK

GP Giulia Petitto Mentor

I did a MIXTURE basically of:

Transcriptions from classes

Tutorial Notes

and highlighters.

university exam.

making teaching more efficient. [7]

competitors;

emphasised and stressed across different dedicated platforms.

note-taking can well support the discursive interaction

underpinning individual students learning. [2]

pushing out important information via their announcement feature.

Bibliographical references [1] Bell, Bush, Nicholson, O'Brien and Tran (2002) Universities online: a survey of online education and services in Australia; [2] Coates, H., james, R. & baldwin G. A (2005) Critical Examination Of The Effects Of Learning Management Systems On University Teaching And Learning;

Boettcher, J. V., & Conrad, R. M. (2015). The online teaching

Adoption of Learning Management System (LMS) in Kurdistan Region of Iraq: A Conceptual Framework;

10/10 Matt Bower, Barney Dalgarno, Gregor E. Kennedy, Mark J.W. Lee, Jacqueline Kenney (2015) Design and implementation factors in blended synchronous learning environments: Outcomes from a cross-case analysis; Boettcher, J. V., & Conrad, R. M. (2016). The online teaching survival guide: Simple and practical pedagogical tips. John Wiley &

[3] Ryan, S., Scott, B., Freeman, H., & Patel, D. (2000). The Virtual University: The Internet and Resource-based Learning; [4] Parker, R.E., Bianchi, A. & Cheah, T.Y. (2008). Perceptions of Instructional Technology: Factors of Influence and Anticipated Consequences; [5] West, R. E., Waddoups, G., & Graham, C. R. (2007). Understanding the experiences of instructors as they adopt a course management system; [6] Lonn, S., & Teasley, S. D.(2009) Investigating Perceptions and

Newton, Diane & Ellis, Allan. (2005). Effective implementation of e-learning: A case study of the Australian Army; survival guide: Simple and practical pedagogical tips;

Further readings

Sulaiman, Twana & Mahomed, Anuar & Abd Rahman, Azmawani & Hassan, Mazlan. (2019). Factors Affecting University Lecturers' Ekwonwune, E. and Edebatu, D. (2019) Design and Implementation of an Online Course Management System;

Petersen, A. K., and Gundersen, P. (2019). Challenges in designing personalised learning paths in SPOCs. Designs for Learning; Wang, Minhong & Ran, Weijia & Liao, Jian & Yang, Stephen. (2010). A Performance-Oriented Approach to E-Learning in the Workplace; Learning Management System Software Buyers Guide by capterra.com.