Learning Management Systems

Lecturers:

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Course Description:

The course on Learning Management Systems were designed to identify training and learning gaps, utilizing analytical data and reporting. The course is focused on online learning delivery both but support a range of uses, acting as a platform for online content, including courses, both asynchronous based and synchronous based. The course include the assessment on technology acceptance and the theories applicable for such evaluation.

Learning objectives:

1. Understand the concept of online course delivery.
2. Perform literature review on learning management platforms and well as strategies.
3. Understand the variety of theories in technology acceptance.
4. Perform literature review on the adoption of learning management platforms using theories in technology acceptance.
5. Understand users' requirement for learning management platform.
6. Write a comprehensive review on learning management platform.

Lect ure	Theme	Content	Learning Method		Ref.
			On-Line	**Off Line**	
1	*Review of MOOC establishment*	1. History of LMS 2. The adoption of LMS 3. Distance Learning in Indonesia Context	On-Line Asseme	Cooperative Learning Think Pair Share	1,2,3,4,5, 6,7&8
2	*Review of Technology Adoption in the Higher Education*	1. The Rise of MOOC 2. The opportunity of MOOC 3. MOOC use in the higher eduation. 4. MOOC: Threats & Opportunities	(On-Line) Article Collection	Expository, Problem Solving and Presentation	9,10,11,& 12
3	*Comparative Review LMS vs MOOC*	1. LMS vs MOOC Conception	Articles/ Journals Online Discus- sion	Presentation and Problem Solving	13,14,15, 16 &17
4	*Behavioral Perspective of LMS and MOOC*	1. The role of theories in Education 2. Using theories to Comprehend Phenomenon 3. Trends in Online Learning 4. Understanding MOOC's Users behaviour	On-Line Discussion	Cooperative Learning Think Pair Share	18 & 24
6	*Technology Acceptance Evaluation*	1. Technology Acceptance Model (TAM) 2. Hedonic-motivation Systems Adoption Model (HMSAM) 3. Information Sytems Success	On-Line Video Learning	Project Based Learning	19, 20 & 21
7	*Designing Course Delivery*	1. Online Teaching strategies 2. Objectivist vs Constructivist Learning Model 3. Characteristics of Learning Model	Online Project Discussion	Project Based Learing	22 & 23

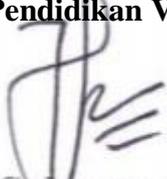| Lecture	Theme	Content	Learning Method		Ref.
			On-Line	**Off Line**	
8	*UTS*	1. Oral test 2. Literature Review Project for **MOOC**			
9/10	*Analysis of LMS Plat forms I and II*	*Analysis of LMS Plat forms I and II*	Articles /Journals Discussion	Problem Based Learning	1,2,3,4
11	*Moodle Learning Management System*	MLMS	On-Line Task	Cooperative Learning Think Pair Share	1,2,3,4
12	*Mastering Moodle`s Learning Activities*	Mastering Moodle`s Learning Activities	On-Line Task	Expository , Discussion and Presentation	1,2,3,4
13	*Analysis of Indonesia LMS or MOOC*	1. *https://arkademi.com/* 2. *https://sekolahpintar.com/v1/* 3. *https://www.indonesiax.co.id/courses*	On-Line Articles/ Journals Discussion	Problem Based Learning	5,6,11,12
14	*Discussion of LMS Project I*	*Discussion of LMS Project I*	On-Line Articles/ Journals Discussion	Project Based Learning	
15	*Discussion of LMS Project II*	*Discussion of LMS Project II*	On-Line Task	Project Based Learning	
16	*UAS*				

References

1. C. Meinel, M. Totschnig, and C. Willems, "openHPI: Evolution of a MOOC Platform from LMS to SOA," *Proc. 5th Int. Conf. Comput. Support. Educ.*, pp. 593–598, 2013
2. G. Conole, "MOOCs as disruptive technologies: strategies for enhancing the learner experience and quality of MOOCs," *Rev. Educ. a Distancia*, no. 50, pp. 1–18, 2016.
3. T. R. Liyanagunawardena, A. A. Adams, S. A. Williams, and T. Rekha Liyanagunawardena, "MOOCs: a systematic study of the published literature 2008- 2012," *Int. Rev. Res. Open Distance Learn.*, vol. 14, no. 3,

pp. 202–227, 2013.

4.   L. Yuan and S. Powell, "MOOCs and open education: Implications for higher education," *Cetis*, p. 19, 2014.

5.   M. H. Baturay, "An Overview of the World of MOOCs," *Procedia - Soc. Behav. Sci.*, vol. 174, pp. 427–433, 2015.

6.   L. J. Waks, "The evolution and evaluation of Massive Open Online Courses: MOOCs in motion," pp. 83–101, 2016.

7.   W. R. Watson and S. L. Watson, "What are learning management systems, what are they not, and what should they become?," *TechTrends*, vol. 51, no. 2, pp. 28–34, 2007.

8.   B. and U. Breatty, "Faculty Perspectives on Moving from Blackboard to the Moodle Learning Management System," *TechTrends*, vol. 50, no. 4, pp. 36–37, 2005.

9.   Á. Fidalgo-blanco, M. L. Sein-echaluce, and F. J. García-peñalvo, "Methodological Approach and Technological Framework to Break the Current Limitations of MOOC Model," vol. 21, no. x, pp. 712–734, 2015.

10. J. Mackness, S. Fai, J. Mak, and R. Williams, "The Ideals and Reality of Participating in a MOOC," pp. 266–274, 2010.

11. P. G. Altbach, "MOOCs as Neocolonialism : Who Controls Knowledge ?," no. 75, pp. 1–7, 2014.

12. S. J. Marshall, "Evaluating the Strategic and Leadership Challenges of MOOCs Evaluating the Strategic and Leadership Challenges of MOOCs," no. May, 2014.

13. *M. Murray, J. Pérez, D. Geist, and A. Hedrick, "Student Interaction with Online Course Content: Build It and They Might Come," J. Inf. Technol. Educ. Res., vol. 11, pp. 125–140, 2012.*

14. *B. O. Tri Darmayanti, Made Yudhi Setiani, "E-Learning pada pendidikan jarak jauh: konsep yang mengubah metode pembelajaran di perguruan tinggi di Indonesia," J. Pendidik. Terbuka dan Jarak Jauh, vol. 8, pp. 99– 113, 2007.*

15. *H. Khalil and M. Ebner, "'How Satisfied Are You With Your MOOC?' —A Research Study About Interaction in Huge Online Courses," Journal. Mass Commun. Q., vol. 5, pp. 629–639, Jan. 2016.*

16. *K. Eman, "Ketergantungan Teknologi pada Bidang Pendidikan oleh Karya Eman - Kompasiana," 2016. .*

17. *Nurazmi Aziz, "Dampak E-Learning Dalam Pembelajaran."*

18. Brundrett, M. and C. Rhodes, *Theories of Educational Research*, in *Leadership for Quality and Accountability in Education*. 2010, Routledge: New York.

19. Gregor, S., *The Nature of Theory in Information Systems.* MIS Quarterly, 2006. **30**(3): p. 611-642.

20. Davis, F.D., *Perceived Usefulness, Perceived Ease of Use, and User Acceptance of Information Technology.* MIS Quarterly, 1989. **September**(21): p. 319-340.

21. Delone, W.H. and E.R. McLean, *Information Systems Success: The Quest for the Dependent Variable.* Information Systems Research, 1992. **3**(1): p. 36.

22. Tabatabaei, M., *Online Teaching and Learning Project Management.* The Journal of the Southern Association for Information Systems, 2014. **2**(1): p. 17.

23. Schell, G.P. and T.J. Janicki, *Online Course Pedagogy and the Constructivist Learning Model.* The Journal of the Southern Association for Information Systems, 2013. **1**(1): p. 11.

24. Text book, unpublished material.

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Mengetahui,
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