

# Teaching and Learning-Assisted Learning Management System

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**Abstract:** The study aims to see the use of the Learning Management System (LMS) that can be implemented in the P & P process as well as be applied to our educational institutions. Through this study, the knowledge level of the students on the Learning Management System can be identified and the benefits gained by the students with the use of the Learning Management System. This study involved 40 respondents of the Faculty of Education of Universiti Kebangsaan Malaysia who had different educational backgrounds. The instrument used is a questionnaire to see and know their knowledge and opinions related to the Learning Management System used today. The data analyse was descriptive data a using SPSS The findings show that the level of knowledge of the students on the Learning Management System is quite good and it can be concluded that the use of the Learning Management System is very helpful to the students in their learning affairs. The implication of this study will help the University to design the system that more friendly users and cope with user needs.

**Keyword:** *Learning Management System (LMS), online learning & teaching and learning*

## INTRODUCTION

'E-learning' was an effective platform in providing opportunities for students as well as to communicate more openly without boundaries .Erma Susanti, (2008). It is because the learning Management system is a software of application mostly for the administration, documentation, tracking, reporting and delivery of educational courses, training program or learning and development programme. According to Vidya (2016), Adobe (2009); Nasser, Cherif, & Romanowski (2011), Mujahid Islam (2016) 'e-learning' is a learning activity organized using electronic and computer systems in order to make sure the learning process can be easily conducted

Malaysia who moved towards growth country also promote an e – learning In 10th Malaysia Plan, the National 'e-learning' Policy of Higher Education Institutions Ministry of Higher Education Malaysia (2011) was been proposed. It due to the advances in modern technology have contributed to the increasing of use of technology in education. Nurul Nadirah Mohd Kasim & Fariza Khalid ( 2015) Komsoon ( 2019) Therefore, the government has taken initiative to enhance and continuing the rollout of knowledge delivery by rebuilt a system called online learning system or better known as 'e-learning'. Thru this system, student are able to manage their activities from learning and teaching into learning content, student-teacher interaction and also can be a student-level assessment tool. Thus, this friendly system also provided subject information, lecture notes and links to various sources of information, Nursyafiqah Harris & Nurhakimi Aziz, ( 2016).

However, the system still have a gap for improvement. According to a recent study by Zuraini & Wan Malini (2015), one of the main concerns raised by educators is the issue of limited current storage space which affects the educator to manage their work space as well as to complicate the teaching process. Furthermore, the regulatory issue still need to be improved

as the provision of support assistance and friendly system that can help the users to understand better. Abdul Razak & Mohd Fitri ( 2011)

Therefore this study aim was to identify student's level of knowledge regarding Learning Management System (LMS) and their trend in using the Learning Management System (LMS) in their learning process. This study purpose also to examine the benefits that students can gain by using the Learning Management System (LMS).

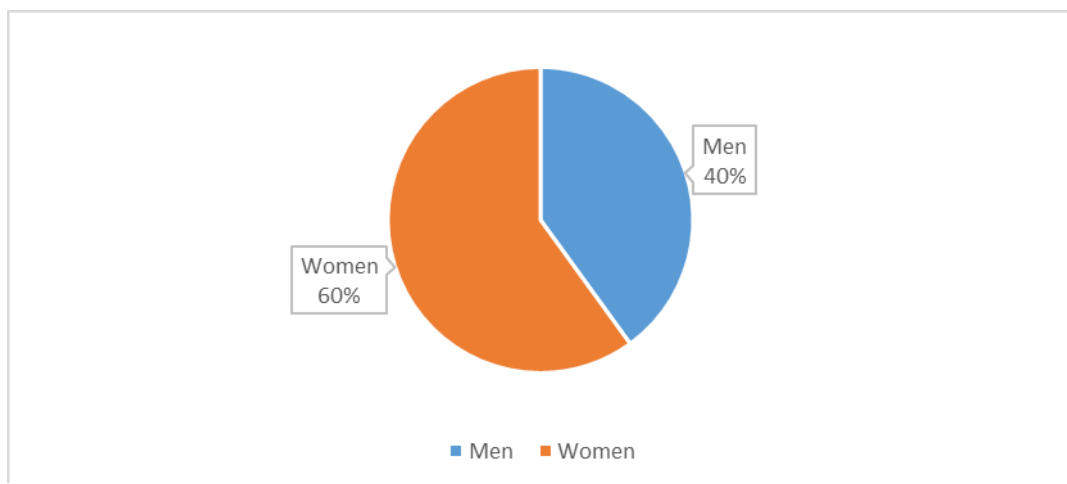
**METHOD**

Overall 40 sample randomly selected among student of Education Faculty in UKM and the data have been analyzed using descriptive study using SPSS. The instrument was based on questionnaire that have been build up using the google form and distributed via whatsapp and telegram application.

**RESULTS AND DISCUSSION**

Respondents demograpic

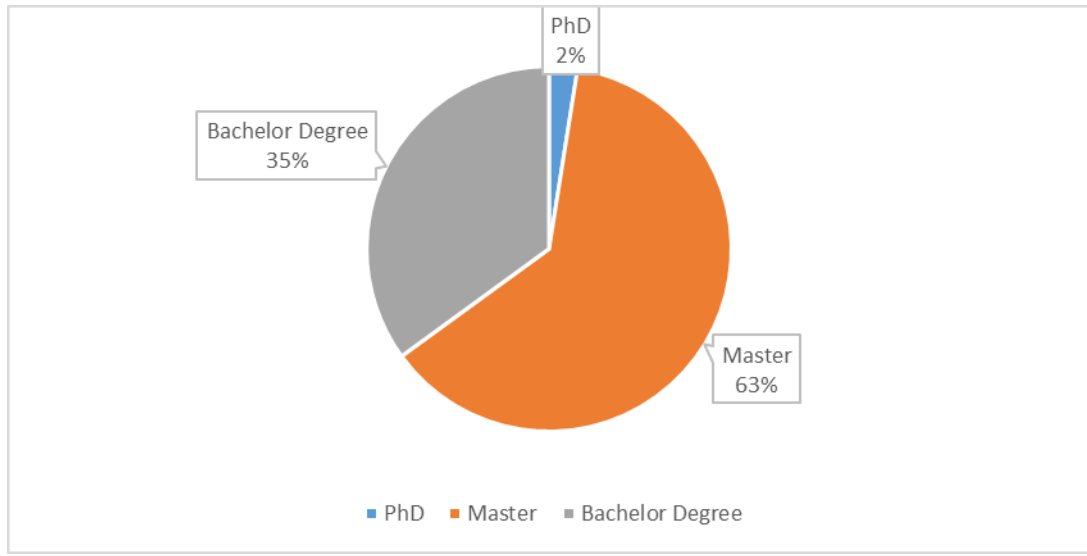
*a) The distribution of respondents by gender*



**Figure 1.** The distribution of respondents by gender

Based on the pie chart above, it shown the distribution of respondent based on gender. From 40 samples of respondent 16 people (40.0%) of the respondents were male students. Meanwhile, 24 (60.0%) respondents were from female students. However, gender differences will not be considered in this study.

**b) Respondent demographic based on education level**



**Figure 2.** Respondent demographic based on student education level .

The pic chart above shown that , 14 (35.0%) of the respondents are Bachelor students. The undergraduate students comprise 25 (62.5%) respondents meanwhile, PhD students consist of 1 (2.5%) respondents.

**c. Respondent frequency in using LMS and Knowledge about LMS**

**Table 1.** Student frequency in using LMS

Question	Min	Strongly disagree	Disagree	Not sure	Agree	Strongly agree
<i>Learning Management System (LMS) will be my first website to be surf when I open the internet</i>	8.00	2 (5%)	2 (5%)	9 (22.5%)	18 (45%)	9 (22.5%)
I know about <i>Learning Management System (LMS)</i>	10.00	-	1 (2.5%)	10 (25%)	12 (30%)	17 (42.5%)
I enjoy to used <i>Learning Management System (LMS)</i> for my learning process	13.30	-	-	4 (10%)	20 (50%)	16 (40%)
<i>Learning Management System (LMS)</i> give me advantafges	10.00	-	4 (10%)	11 (27.5%)	17 (42.5%)	8 (20%)
<i>Learning Management System (LMS)</i> is easy to be handle.	8.00	1 (2.5%)	3 (7.5%)	10 (25%)	17 (42.5%)	9 (22.5%)

The findings of this clearly shown that student of Education Faculty in UKM have a good knowledge regarding LMS. Hence this result indicated that they student used the LMS extensively as well as the teaching and learning practiced using LMS is widely practiced.

The benefit of LMS encourage the higher institution fully used e-learning as one of platform to delivered knowledge such as times consuming as well as reducing the burden of educators delivery of knowledge as an edition to facilitating the learning process, while also reducing the burden of educators in the delivery of knowledge.

***I folio as Learning Management System (LMS) in UKM***

Generally, the Learning Management System (LMS) help the education institution in conducting learning process as well as adressing policy issue related to these fields. The Learning Management System (LMS) offers a variety of tools to provide a more effective course and is a great tool to streamline learning by leveraging the benefits of the Internet without neglecting the importance of a teaching staff. Nabil Azfar (2016).I Folio is one example of the Learning Management System (LMS) that has been used throughout the University of Malaysia (UKM) campus.It helps to facilitate student management, subjects each semester and helps lecturers manage the subjects offered each semester while also assessing students directly.



**Figure 3.** The I Folio Front Page

***An Advantages on using LMS***

LMS provides more advantages than problems for students and faculty whereby the learning can be practiced anywhere and anytime. Effective learning also enables students to think and act independently in the pursuit of knowledge. At the same time , it’s can enhance the learning ability of the students. Futhermore, the Learning Management System (LMS) is able to centralize learning and teaching strategies to better organize and deliver the essence of learning quickly and accurately to students. According to Mohammad Farhan. et.al. (2011), all information on the subject and training can be combined into one system. Through the Learning Management System (LMS), students can communicate with their lecturers and friends in virtual. As such, with the Learning Management System (LMS), the learning and teaching process has become easier and faster.However, there is a gap as room for improvement interm of friendly user and storage data. Klein . C ( 2019), Hutchison ( 2019)

**CONCLUSION**

Global moving on teachology nowadays considered as a make up of learning and teaching processes to be more technologically and the existence while the system knowns as as the

Learning Management System (LMS) in the education world is one of positive moved. Not only does it emphasize the functionality of the system, it can also provide convenience to users and students and faculty. The overall result of the study can be concluded that students in SMEs in particular have excellent knowledge of Learning Management System (LMS). Not only that, students also acknowledge the success of the system in their learning process. Therefore, appropriate retention and improvement can be implemented on the systems used to ensure that students' educational level continues to improve with the outside world.

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