Mobilizing The Learning Management Systems In A Smartphone Device Amidst The Current Pandemic

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ABSTRACT

Technology transcends today by mobilizing the Educational Technology tool that can be done in an internet-based system smartphone device especially on the current pandemic crisis we are currently experiencing. The Current pandemic brought real-life situation because of the fast increasing of COVID-19 infected. At present we already have 190 infected persons in the province of Zambales. The Researcher will be employing a Learning Management System (LMS) in SMARTPHONE Device, the reason behind this study is its convenience and flexibility wherever you are you can still access the LMS and then receive notifications like the accessible of the students in this type of learning platform as means of flexible learning The features of the Learning Management Systems has a capability to do automated settings of topics, quizzes, and exercises for his class even the assessment methods on the system, even Students were no longer able to start discussions in the target language in online forums nor were they able to use their smartphone devices to access and share resources directly from the classroom (Gabarre, Gabarre, Din, Shah, & Karim, 2013). The Researcher will be conducting a mixed-method research design. Mixed method is a combination of qualitative and quantitative research design to come-up with a multidisciplinary study, (Aramo-Immonen, 2011). A Stratified Questionnaire will be used during the conduct of a study using Google Form, in this approach data retrieval will be easy for the respondents to answer back because answers can be drawn from the online database immediately. After collecting all the data and will be statistically treated using graphical chart and frequency based data analysis approach. Based on the level of profiles of the users mobilizing the Learning Management System using SmartPhone there are 22 respondents coming from different institutions namely: (1) College of Subic Bay Montessori, (2) Central Luzon College of Science and Technology, and (3) Department of Education-Olongapo City with different levels of age ranging from 18 to 46 years old. 95.5 percentages agreed that the Learning Management System fit the requirements of standards and norms of traditional learning in their corresponding institutions and 4.5 percentage do not agree. There are 40.9 degrees of percentage saying that there is a very satisfactory significance on the LMS that responds as a new educational platform amidst the new normal. Based on the above results gathered the Learning Management Systems really imply as effective educational platform on their own institutions.

Keywords: Pandemic, SMARTPHONE Device, Learning Management System
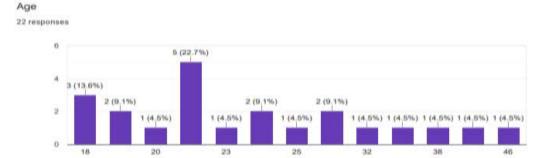
Introduction:

Technology transcends today by mobilizing the Educational Technology tool that can be done in an internet-based system smartphone device especially on the current pandemic crisis we are currently experiencing. The Current pandemic brought real-life situation because of the fast increasing of COVID-19 infected. At present we already have 190 infected persons in the province of Zambales. The Researcher will be employing a Learning Management System (LMS) in SMARTPHONE
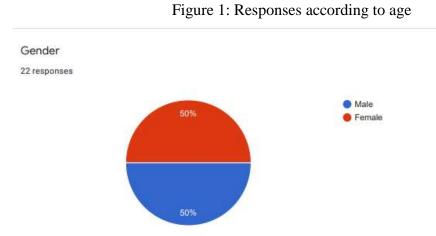
Device, the reason behind this study is its convenience and flexibility wherever you are you can still access the LMS and then receive notifications like the accessible of the students in this type of learning platform as means of flexible learning The features of the Learning Management Systems has a capability to do automated settings of topics, quizzes, and exercises for his class even the assessment methods on the system, even Students were no longer able to start discussions in the target language in online forums nor were they able to use their smartphone devices to access and share resources directly from the classroom (Gabarre, Gabarre, Din, Shah, & Karim, 2013). Other Institutions like PMMA also conducted a Learning Management Systems ZOOM Training to all Faculty of the Philippine Merchant Marine Academy, (Mobo, 2020). Several useful technologies that LMS helps proper controlling and management of COVID-19 pandemic using the android based smart devices, (Aljohani & Alam, 2015). The study aims to the mobilization of effective Learning Management Systems in Smartphone devices to provide early and timely detection, (Rahman, et al. 2020).Google Classroom and Google Meet are the platforms used by my institutions namely College of Subic Montessori and Central Luzon College of Science and Technology in Olongapo City, Philippines. So there it is a must to mobilize the Learning Management System (LMS) using Google Classroom by both colleges in transcending the 21st Century Education and abide with the quarantine protocols set by the Inter-Agency Task Force on COVID-19 in Olongapo City.
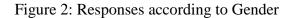
Methodology:

The Researcher will be conducting a mixed-method research design. Mixed method is a combination of qualitative and quantitative research design to come-up with a multidisciplinary study, (Aramo-Immonen, 2011). A Stratified Questionnaire will be used during the conduct of a study using Google Form, in this approach data retrieval will be easy for the respondents to answer back because answers can be drawn from the online database immediately. After collecting all the data and will be statistically treated using graphical chart and frequency based data analysis approach.

Results:

Figure 1: Responses according to age

Gender

22 responses

● Male
● Female

Figure 2: Responses according to Gender
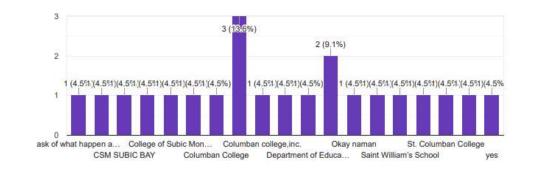
Institution

22 responses

Figure 3. Responses According to Institution

Does the Learning Management System fit the requirements of standards and norms of traditional learning in your institutions?
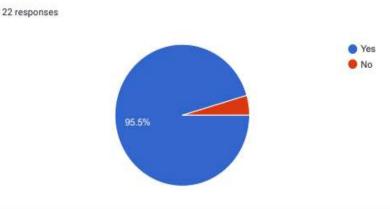
22 responses

Figure 4: Responses According to requirements of standards and norms of traditional learning

To what degree of its significance could the LMS respond as a new educational platform amidst the new normal?
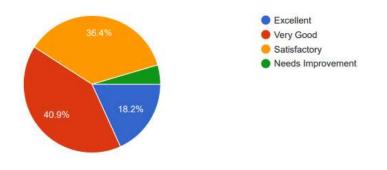
22 responses

Figure 5: Responses from the new educational platform amidst the new normal

Discussions:

Based on the level of profiles of the users mobilizing the Learning Management System using SmartPhone there are 22 respondents coming from different institutions namely: (1) College of Subic Bay Montessori, (2) Central Luzon College of Science and Technology, and (3) Department of Education-Olongapo City with different levels of age ranging from 18 to 46 years old. 95.5 percentages agreed that the Learning Management System fit the requirements of standards and norms of traditional learning in their corresponding institutions and 4.5 percentage do not agree. There are 40.9 degrees of percentage saying that there is a very satisfactory significance on the LMS that responds as a new educational platform amidst the new normal. Based on the above results gathered the Learning Management Systems really imply as effective educational platform on their own institutions.

Conclusions:

Comparative to the data analysis and interpretation, the following conclusions were drawn:

1. The Level of Respondents Mobilizing the SmartPhone Learning Management Systems in their respective institutions are ranging from 18 to 46 years old.
2. There are no hindrances in terms of mobilizing the SmartPhone Learning Management Systems.

Recommendations

With all of the above analysis, interpretation, and conclusions of this study, the following are strongly recommended.

1. Future researchers can conduct a similar study and might improve the study.
2. Future researchers can use this learning for references.

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