

E-Learning Proposal System in Public Secondary School Learning

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Abstract

The background of this research is to know how the e-learning system in the teaching and learning system at the public high school level, because the Covid 19 pandemic still allows us to learn online at home, with the e-learning system, the learning system can be very effective. remotely, because this research this time will discuss how a good system is applied to the learning process with an e-learning system. The method used in this research is to use the literature review method by referring to previously published books and journals, with the existence of books and journals that discuss this research before, it is certain that this research will produce the latest research and can become the basis for future research. . There are many remote learning method systems during the Covid 19 pandemic, with this remote learning system, the spread of the Corona virus will be greatly reduced, because students do not meet in person and cannot spread directly through physical contact, with the distance learning method. the teaching and learning system continues even though the Covid 19 pandemic spreads. In this research, we will produce a system proposal that will be the basis for the development of distance teaching and learning methods, using e-learning media at an educational level, namely public high schools with a proposed system, so it can be the best suggestion in the future. this covid 19 pandemic.

Keyword: E-learning, Learning, High School, Online.

I. INTRODUCTION

Many learning media emerged during the Covid 19 pandemic, the priority media was online media, because online media was a media that was very appropriate during the Covid 19 pandemic with media with online media so the learning and teaching system could still be implemented even though the Covid 19 pandemic was moderate[1]. In progress, many applications emerged during the Covid 19 pandemic for teaching and learning media, for example, the Zoom application, the Google Map application, Edmodo, and many more applications that are used to support the teaching and learning system even though the Covid 19 pandemic occurs, many media are built during the Covid 19 pandemic was an e-learning media or learning electronically by studying electronically so students could repeat lessons continuously so that they could understand the meaning of the lesson, in other words students did not need to use extravagant quotas just to study the material they had. want students, with the existence of e-learning, every school is free to provide the learning methods they provide to students so that these students can understand the lessons given[2].

The teaching and learning system that is currently happening is by using online media such as Zoom and Google Meet, with this online learning system the learning system can still run, although there

are still many ways that can be done so that the learning and teaching system continues, therefore we don't lose to the situation because of the covid 19 pandemic[3]. The problem raised in this research is the limitations of teaching and learning in the Covid 19 pandemic, with the existence of a scientific method it will be able to help the teaching and learning process, with all its limitations e-learning is a very appropriate method to use during the Covid 19 pandemic, because it can be done anywhere and anytime even though the internet quota is limited[4].

The method used in this research is to use the literature review method or in other words reading a lot of previous studies, which will be reviewed as the results of our research, so that the research problem raised from this research becomes the latest research, therefore Many journals are the basis for this research, the more you read the journals, the more they become the basis for this research[5]. This research will produce a proposed system that will be able to help public high schools in implementing the teaching and learning system, during the Covid 19 pandemic with the e-learning method, students will continue to learn to teach at home wherever they are, so don't lose. with limited circumstances the teaching and learning system continues to run[6].

II. METHOD

This section will explain how the methods used in this research are the theories used and how data is collected in this research, with this section it will be clear about the direction and objectives of the research[7].

1. E-Learning

E-learning is an electronic teaching and learning system with e-learning so students can study anywhere and anytime learning is a learning concept that is widely applied abroad because with learning students can learn without having to be accompanied by a teacher directly in the presence of e-learning. -learning so students can repeat the lessons they get at school and can help prevent the spread of the Corona virus which is now attacking the whole world, this is a concept that has existed since the 2000s and began to be widely used during the Covid19 pandemic because it was wrong an appropriate medium for learning and teaching even with many limitations[8].

2. Learn

Learning is an obligation by learning we can know many things learning is the essence of life because in every stage of life we have to learn to know the next stages of life as a student learning is part of their life because every day will continue to learn, by learning students will be able to increase knowledge and can be part of life in the future by learning they can add knowledge and can be what they want because knowledge will not be reduced like money with increasing knowledge will also increase income[9].

3. School

School is a place where we study and where we can socialize with school life is a place where there is interaction between teachers and students and we go to school so we will learn a lot not only about education but also life with teachers so they will teach us a lot What is it lessons and what is school life is a place that is very, very much awaited during the current Covid 19 pandemic because it has been almost 1 year that students have not gone to school because it is prohibited by the government This is due to the spread of the Covid-19 virus with this prohibition so students can be spared from the spread of the covid-19 virus[10].

4. Research Methods

Based on the image of the research method below, the research method used in this research is to use literature reviews with as many as 200 journals related to this research with a lot of reading, so research

can add knowledge and can be the basis of this research. Read a lot so you can find the latest research problems so that this research can be accounted for for its renewability[11].



Fig 1. Research Method

5. Data Retrieval

Data retrieval is done from similar journals that have the same research in this research, with the existence of these journals, it can be the basis for the research used. In this research, data collection is done by reading the data one by one then making a table the next part of this research[12].

III. RESULT AND DISCUSSION

In this section we will discuss how the data is taken and how the data is processed. In this section it will be proven how the basis of the research is to produce a conclusion that can answer the research problems raised in the first chapter.

1. Previous Research

In this section it can be seen how the data comes from and what kind of journal software can be used as the basis for this research[13], while the journals discussed in this research can be seen in table 1, namely the literature review table below[14].

Table 1. Literature Review

No	Author and Title	Year	Conclusion	Journal
1	Karwan Jacksi, Maryam A. Sulaiman, Rezgar Hasan Saeed. The Importance of E-Learning in the Teaching Processor Secondary	2021	his paper examines the concept and the description of e-learning as presented by different researchers, the role that e-learning plays in secondary education institutions in relation to teaching and learning processes, and the advantages and disadvantages of adopting and implementing it.	Academic Journal of Nawroz University (AJNU), Vol. 10, No.1, Jan 2021
2	Muhammad Hafiz Riandi, Harianto Respati, Syarif Hidayatullah. Conceptual Model of User Satisfaction as Mediator of E-Learning Services and System Quality on Students'	2021	The conclusion of this study is a conceptual model which implements user satisfaction as a mediating variable of the relationship of e-learning service quality and system quality on students' individual performance as a measure of e-learning system success. Furthermore, this conceptual model can be an essential reference to be implemented in further	International Journal of Research in Engineering, Science and Management Volume 4, Issue 1, January 2021

	Individual Performance		related research.	
3	Ali Mohamed Ali Alnaqbi. The role of using AI techniques in enhancing e-learning in the military education process	2020	The results of the research confirmed the widespread use of modern learning technologies in the UAE, as there has recently been great reliance on e-learning in the educational sector and its support with artificial intelligence, which is efficient in compensating for any shortage of teaching and educational staff using classrooms	ALIMALI ALNAQBI - eimj.org
4	Ragad M Tawafak, Sohail Iqbal Malik, Roy Mathew, Mohammed Waseem Ashfaq, Jasiya Jabbar, Maryam Nasser AlNuaimi, Abdalla ElDow. A Combined Model for Continuous Intention to Use E-Learning System	2021	This research focuses on advancing e-learning to boost students' continuous trying to use e-learning to increase students' under-standing and academic performance. Data were collected using questionnaires returned to determine their e-learning feedback by 295 undergraduates from four universities in Oman, after which (PLS -SEM) used e-learning to assess their on-going trial of using e-learning. The facts demonstrate that the variables are essential for the continuing decision to use e-learning.	iJIM – Vol. 15, No. 03, 2021
5	Yulia Hendri Yeni, Vera Pujani. Examination of Business Student's Satisfaction to Use E-Learning; Empirical Study during Covid 19-Pandemic in Universitas Andalas	2020	Research implications suggest that under forced conditions in COVID 19 pandemic, students are satisfied with using e-learning. To increase students' satisfaction, it is suggested to institution that e-learning systems should be easy to use.	Advances in Social Science, Education and Humanities Research, volume 506 Proceedings of the 3rd International Conference on Educational Development and Quality Assurance (ICED-QA 2020)

2. ProposedSystem



Fig 2. Proposed Sistem

Based on the picture above, it can be concluded that every student can undergo a learning system from home using applications made by schools based on learning learning media. Together learning from home Although not being able to attend school face-to-face during the pandemic face-to-face is avoided because it can cause the spread of the Covid-19 virus to students with online learning methods like this, the teaching and learning system will continue to run even though teachers and students do not meet Directly and from a very long distance, the distance is not an obstacle for the e-learning system because with this nylon can continue to learn and continue to communicate with other students so as not to miss the lessons that students should get[15].

IV. CONCLUSION

The conclusion that can be drawn from the research above is that with e-learning media, general high school students can continue to learn even though the conditions of the Covid 19 pandemic with e-learning media, and learning and teaching carried out by teachers and students will continue even though at a very long distance and It is not done face-to-face, there are indeed many deficiencies in this e-learning system, but this e-learning system is a very appropriate system during the Covid19 pandemic, now the future research is to provide e-learning software that can be tested for high school students. because with the trial, it can be seen the effectiveness of the e-learning learning system that was tested during the current Covid 19 pandemic.

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