ANALISIS INNOVATION OF THE ONLINE EDUCATION SYSTEM DURING THE PANDEMIC

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Abstract

The current learning process must still be carried out by all students even though they are in a pandemic outbreak situation. Education is the main key in preparing superior human resources to be able to compete at the global level. The COVID-19 pandemic has changed the entire educational setting from being face-to-face in the classroom to a learning process with a learning from home system. Learning during the current pandemic requires innovation in the education system to formulate the right learning models and methods so that the process of teaching and learning activities can take place effectively. This study aims to examine the analysis of education system innovations during a pandemic. The research method uses the literature review method with data sources obtained from related documents and articles. The results showed that the innovation of online or online learning systems has a great influence on the current education system, even though it is in a pandemic situation, but this innovation provides benefits and satisfactory results for students and educators.

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INTRODUCTION

Education is a right of every citizen that must be implemented by the government under any conditions in order for the goal of national education to be achieved. The learning process must still be carried out even though the country and even the world are being hit by the covid-19 pandemic outbreak for the past 2 years. As stipulated in Law No. 20 of 2003 in this case, it is hoped that the learning carried out by teachers in schools will be in accordance with the conditions and situation of each region. Education is a continuous and never-ending process, so that it can produce sustainable qualities, aimed at the

realization of the future human figure, and rooted in the cultural values of the nation, (Imanuddin, 2020); (I Wayan Cong Sujana, 2019). In Indonesia, the spread of the COVID-19 virus has an impact on various fields and the increasing mortality rate of people who are positive for covid-19, (Purwanto, 2020). This has caused people to worry about the health of students in schools with the spread of this virus. The emergence of the COVID-19 virus has an impact on education, one of the efforts to stop the spread of covid-19 for the world of education, the government issued a policy, namely implementing the learning process from home at various levels of education. The closure of schools has resulted in students being unable to interact with their peers, and teachers, (Nurkholis, 2020). With the onset of the pandemic disaster, the learning process cannot be carried out as usual. Schools had to be temporarily closed from teaching and learning activities so that many students and teachers were still confused by the pandemic conditions and situation. The current pandemic also requires the world of education to always and always be on standby to create new system innovations that support students and teachers, especially for the world of education, so the implementation of education is carried out through distance learning programs (PJJ). Learning methods developed during the distance learning process can be done using online, offline and combination learning methods, (Nurina & Khamid, 2021). Technology can destruct developments in this era, but in its own human resources whether it is able to keep up in this technological era. Facilities and infrastructure are the main support for the success of learning as well as creative ideas and innovations so that the class becomes more enjoyable, besides that the government must care about underprivileged students by facilitating devices that support online learning, (Raden & Eka, 2022). This study aims to examine the analysis of online education system innovations during the Covid-19 pandemic where the learning and education system in Indonesia has changed.

METHOD

The research method used in this study is a literature review method with the aim that researchers can analyze and explain related to the analysis of online education system innovations during the Covid-19 pandemic. The current education must still be carried out properly even though the current pandemic outbreak is occurring in various places, so that the learning process cannot be carried out properly as usual. Data obtained by the researcher himself through literature studies, literature reviews sourced from scientific journals and documents related to this research.

RESULT

With the current Covid-19 pandemic, there is a need for innovation and changes in the current education system, because the existing education system is very unsupportive of the current situation, the pandemic that occurs has

resulted in paralysis in the government system, but the very big problem that occurs today is the breakdown of the education system that previously ran face-to-face now must now be carried out online or online.

The education system that is now run online certainly has a very significant influence on students both in terms of achievements and diverse student interests, but online education innovations carried out by the government are the only way that can be taken to obtain good educational results and quality, the purpose of online learning is to provide quality learning services in a massive and open network. to reach the interest of study rooms to be more and wider, (Sofyana & Rozaq, 2019).

Therefore, educational innovations that are networked or online are needed as a support in the world of education, where the role of teachers is more "facilitator" and students as "active participants" in teaching and learning activities. Online learning system is an Open-Source learning system, is a learning system that uses web applications that can be run on a server and can be accessed with a web browser. The use of the server can be done anytime and anywhere with an internet connection with its users. However, there are still many cases where students are not used to using technology when doing online learning. There are many factors that influence it, especially regarding the limitations of internet access and the location of geographical areas where there are still significant gaps, (Nandang, 2020).

DISCUSSION

Online learning is a learning system that is carried out by not meeting face to face, but using a platform that can help the teaching and learning process even though it is carried out remotely. Online or online learning systems that are carried out through electronic devices such as cellphones, computers, or laptops must be connected to an internet network connection. Then teachers can also take advantage of other online media to support learning and teaching activities such as Whatsapp (WA), Zoom, Google Meet, Google Form, Google Drive, Youtube, Google Classroom, and many more, (Anugrahana, 2020). There are so many applications that can be used in the online learning process, this is also a form of innovation from the government in terms of maintaining the creation of an active learning environment even though it is currently in the state of the Covid-19 pandemic.

The use of online media certainly builds teachers and students in improving the ability to access several online media in supporting the learning process. In other words, students and teachers can use online media as one of the facilitators who are very helpful during the pandemic. In addition, there are several applications that can be used by teachers and students in supporting learning, including the teacher's room, quipper school, zenius and so on. The application contains various kinds of theories and learnings from more insightful teachers to help students in supporting their learning outcomes. This online learning can be said to increase learning independence with the many online

media and learning applications that are available and can be accessed at any time.

Through the application used teachers can explore the knowledge of learners, providing teaching can control the activities of students. However, in its implementation itself, there are so many obstacles in online learning that are carried out, including that not all students have electronic devices that can support the learning process itself such as cellphones or laptops, uneven internet access, and sometimes students feel tired or bored because they have to deal with cellphone or laptop screens all day. Not all students have adequate electronic devices such as cellphones so sometimes they have to borrow and even join other friends. In addition to not having a possibility that students do not understand operating electronic devices, (Goddess, 2020). The limitation of internet quota is also a problem that needs to be considered by the government when this online learning innovation is set because not a few of the students experience obstacles when sending tasks due to limited quotas, not a few sometimes students spend a lot of internet quotas during the online learning process. The quota purchased for internet needs has soared and many parents are not ready to increase their budget in providing an internet network, (Evayanti, 2020).

All efforts have been made by the government to help this online learning system, such as by providing free quotas for teachers and students. This is certainly expected to slightly reduce obstacles in online teaching and learning activities. Teachers also continue to try to provide teaching to students by visiting the homes of students to teach because of the existing conditions and limitations (Yunitasari & Hanifah, 2020). The online learning system itself has its own advantages and disadvantages in its implementation. The advantages of online learning itself are felt to be more relaxed and more practical, especially in terms of when students give assignments and report assignments can be done at any time. Then the online learning system can also be implemented anytime and anywhere considering because this online learning system is carried out online. In addition, the delivery of information related to learning materials is faster and easier when it will be reached by students. The learners can access it easily. Furthermore, parents of students can play a direct role in monitoring or accompanying their children during learning. And more importantly, with the new innovations in the education system, both teachers and students get a variety of new experiences with innovations in the online learning system.

In this online learning system, the presence of students becomes less than optimal, besides that the activeness and limited participation of students are also weaknesses in this online learning innovation. Then when conducting the exam, the teacher cannot always directly monitor the learners whether they carry out the exam honestly or not. However, the efforts made by educational institutions as the spearhead in carrying out the educational process have been very optimal, (Daniel Hasibuan et al., 2020). Online learning also provides new and memorable things, of course, for teachers and students, including students who can be supervised directly by their parents during learning, (Irinna Aulia Nafrin & Hudaidah, 2021). The emergence of unlimited creativity, teachers are

increasingly becoming innovative in delivering a learning material and increasing teachers' understanding of existing technology. Creativity is the key to success from a teacher to be able to motivate his students to remain enthusiastic in learning online and not become a psychic burden, (Harnani, 2020).

All types of innovative are expected to be able to adjust and can help students in receiving learning well. The use of online media and learning applications can be used by students and teachers properly so that the quality of learning remains good. The government's efforts in developing innovations during the Covid-19 pandemic are very helpful for students and teachers in the teaching and learning process, but it needs to be underlined that not all students and teachers can take advantage of innovation due to several factors, ranging from difficulty finding networks to other facilities such as cellphones or laptops. The positive impact of distance learning is that online learning is more realistic and relaxed. conveying information is faster and can reach many students, students are more interested in doing assignments, lecturers and students gain new experiences related to online learning, (Ni Nyoman, 2021). The results of this research are expected to help in increasing educational innovation during the Covid-19 pandemic.

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