

Distance Learning “Sifajargoro” In the Era of the Covid-19 Pandemic

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Abstract

The temporary closure of all educational institutions as an effort to prevent the spread of an outbreak of Covid-19 worldwide has an impact on millions of students, including in Indonesia. Disturbances in the teaching and learning process directly between teacher and students as well as the termination of the assessment of learning have an impact on the psychological of students, causing a decrease in the quality of skills. This burden is the responsibility of all elements of education, in particular the government, in facilitating the continuity of schools for all stakeholders in education to conduct distance education. 'Sifajargoro' is present as an effort to help all education people, especially in bojonegoro district in distance learning in the COVID-19 pandemic era.abstract

Keywords

SWOT analysis; small and medium enterprises; competitive strategy; covid-19 pandemic.



I. Introduction

The Covid-19 pandemic, which has hit almost all countries in the world, including Indonesia, has caused tremendous panic for the entire community, and has devastated all sectors of life. The Indonesian government has also taken a policy aimed at breaking the chain of transmission of the Covid-19 pandemic. One of them is the implementation of social distancing policies, where residents must carry out all activities at home, such as work, study, including worship.

The Covid-19 pandemic caused everyone to behave beyond normal limits as usual. One of the behaviors that can change is deciding the decision to choose a college. The problem that occurs in private universities during covid 19 is the decrease in the number of prospective students who come to campus to get information or register directly to choose the department they want. (Sihombing, E and Nasib, 2020)

The world health agency (WHO) has also announced that the corona virus, also called COVID-19, is a global threat worldwide. The outbreak of this virus has an impact especially on the economy of a nation and globally. These unforeseen circumstances automatically revised a scenario that was arranged in predicting an increase in the global economy. (Ningrum, P. et al. 2020)

The implementation of this social distancing policy clearly has an impact on all sectors of life, especially in the economic sector, which indirectly causes a slowdown in the pace of the economy. In addition to having an impact on the economic sector, the education sector was also affected quite fatally. Teaching and learning activities must be carried out remotely. However, from this policy there are also many parties who are not ready to implement distance learning or what is known as online.

It is not only the readiness that still needs to be improved from this distance learning, many people are apparently unable to take part in distance learning activities due to the

limited ability of the community, many of whom do not have devices that support distance learning.

There is two impact on the sustainability of education caused by the Covid-19 pandemic. The first is the short-term impact, which is felt by many families in Indonesia both in urban and rural areas. In Indonesia, many families are not familiar with doing school at home. Homeschooling for Indonesian families is a big surprise, especially for the productivity of parents who are usually busy with their work outside the home. Likewise with the psychological problems of students who are accustomed to learning face to face with their teachers. All elements of education in social life are "exposed" to illness due to COVID-19. The implementation of teaching takes place online. This process is running on a scale that has never been measured and tested because it has never happened before. Inevitably in remote villages with a very dense population of school age, there is confusion, because the information technology infrastructure is very limited. Student assessments move online and there is a lot of trial and error with a system that has no certainty, in fact many assessments have been cancelled. The second is the long term impact. Many groups of people in Indonesia will be exposed to the long-term impact of this COVID-19. The impact of education from a long-term perspective is the aspect of justice and increasing inequality between community groups and between regions in Indonesia. The second is the long term impact. Many groups of people in Indonesia will be exposed to the long-term impact of this COVID-19. The impact of education from a long-term perspective is the aspect of justice and increasing inequality between community groups and between regions in Indonesia. The second is the long term impact. Many groups of people in Indonesia will be exposed to the long-term impact of this COVID-19. The impact of education from a long-term perspective is the aspect of justice and increasing inequality between community groups and between regions in Indonesia.

In supporting the distance learning program of the ministry of education and culture, especially in Bojonegoro Regency, the Bojonegoro Regency Government through the Education Office made a new innovation in the distance learning system. The innovation is an application that will make distance learning more efficient and flexible, namely the Bojonegoro Online Learning Information System (SIFAJARGORO).

II. Research Method

The method used in this research is literature study. According to Milya Sari (2020) library research is a research activity carried out by collecting information and data with the help of various materials in the library such as reference books, similar previous research results, articles, notes, and various journals related to the problem want to solve. Activities are carried out systematically to collect, process, and conclude data by using certain methods/techniques in order to find answers to the problems encountered.

III. Results and Discussion

3.1 The Impact of Covid-19 on the Learning Process at School

The learning process in schools is the best public policy tool as an effort to increase knowledge and skills (Caroline Hodges Persell, 1979). In addition, many students think that school is a very fun activity, they can interact with each other. Schools can improve students' social skills and social class awareness. The school as a whole is a medium of interaction between students and teachers to improve their intelligence, skills and affection. But now the activity called school has stopped suddenly due to the disruption of Covid-19

An article written by Carlsson in 2015 explains that teenagers in Sweden have a different number of days to prepare for an important test. Likewise when we refer to Jonsson (2017), that attending school will increase students' memory capacity.

The education situation in Indonesia must be addressed carefully. Under normal circumstances, there are many disparities between regions. The Ministry of Education and Culture under the leadership of Minister Nadiem Makarim, echoes the spirit of increasing productivity for students to increase job opportunities when they graduate from a school. However, with the sudden presence of the Covid-19 outbreak, the world of education in Indonesia needs to follow a path that can help schools in an emergency situation. Schools need to force themselves to implement distance learning with online media.

In a journal written by Rizqon Halal Syah Aji in 2020 there are several obstacles and problems in the implementation of online learning:

1. Limitations of Mastery of Information Technology by Teachers and Students

The condition of teachers in Indonesia is not entirely aware of the use of technology, this can be seen from the teachers who were born before the 1980s. Information technology constraints limit their use of online media. Likewise with students whose conditions are almost the same as the teachers in terms of understanding the use of technology.

2. Insufficient Facilities and Infrastructure

Technology support devices are obviously expensive. Many in Indonesia where teachers are still in a worrying economic condition. The welfare of teachers and students who limit them from being completely limited in enjoying information technology facilities and infrastructure that is very much needed with this Covid-19 disaster.

3. Limited Internet access

The internet network is really still not evenly distributed in remote parts of the country. Not all educational institutions, both primary and secondary schools, can enjoy the internet. Even if there is an internet network, the condition is still not able to cover online media.

4. Unprepared budget provision

Cost is also something that hinders because aspects of the welfare of teachers and students are still far from expectations. When they use internet quota to fulfill their online media needs, it is clear that they cannot afford it. There is a dilemma in the use of online media, when the minister of education encourages productivity to be advanced, but on the other hand, the skills and financial capabilities of teachers and students have not moved in the same direction. The state has not yet been present in its entirety in facilitating the cost needs in question.

3.2 Login System Management “Sifajargoro”

According to Amiroh (2012: 1) Learning Management System (LMS) or Course Management System (CMS), also known as Virtual Learning Environment (VLE) is a software application used by educators, both universities / colleges and schools as learning media. internet-based online (e-learning). Learning Management System (LMS) is an application or software used to manage online learning which includes several aspects, namely material, placement, management, and assessment (Mahnegar, 2012).

According to Riad and El-Ghareeb (2008: 2) Learning Management System (LMS) is a Learning Management System (LMS) is a software unit that is comprehensively integrated with various features for course delivery and management. The LMS will automatically handle the course catalog features, course delivery, assessments and quizzes.

The Bojonegoro Online Learning Information System (SIFAJARGORO) is a learning management system (LMS) developed by the Bojonegoro district government through the local education office. In news published on detik.com on October 26, 2020, the regent of the Bojonegoro district government, Anna Mu'awanah, said that the online-based Bojonegoro Learning Information System (SIFAJARGORO) is one of the ways to respond to the current developments, which are currently only at the junior high school level, with hopes for the future. as well as elementary, kindergarten, PAUD levels as well. Anna Mu'awanah also said that currently almost all systems inevitably have to follow the current era, especially during the current COVID-19 pandemic, the existence and needs of information systems are highly expected. "In order to encourage someone to use information technology systems faster, both for learning and other sectors, even planning has led to that," said Anna in a written statement.

The menu in the Sifajargoro learning management system is as follows:

a. Main course

On the main menu there is a login place for both teachers and students in carrying out distance learning.



b. Teacher login menu

After logging in using the account created by the operator, the teacher will enter the Sifajargoro LMS. The display on the teacher login menu is as follows:



After the teacher logs in to the Sifajargoro LMS, the teacher can manage distance learning with that account. Teachers can send written learning materials, information links and learning videos on the system to be accessed by students. In addition, teachers can monitor learning activities carried out through the system. The teacher can see students who have done assignments and students who have not done assignments on the system. In addition, the teacher can also convey an evaluation of learning outcomes on the system. As for monitoring student learning activities, there is an attendance feature for students, so teachers can see student learning activities to the maximum. In addition, the teacher can also carry out daily tests on the Sifajargoro LMS.

c. Student login menu

In addition to the teacher login menu, there is also a student login feature in following the lesson. The student login display is as follows:



On the student login menu, students can choose lessons that have been provided by each subject teacher. The material provided can be in the form of material from books, learning videos or in the form of links. Then students can also upload assignments that have been given to LMS Sifajargoro. Students must take attendance every day on the system. Students can also see the progress of the values of the assignments given to the system

IV. Conclusion

During the Covid-19 pandemic, of course, the education sector had a fatal impact, the Ministry of Education and Culture implemented distance learning to reduce the spread of COVID-19 home study policies in educational institutions clearly cause major disruptions, such as student learning, interference in assessment, cancellation of assessments, opportunities to get a job after graduation, cancellation of public assessments for qualifications in job selection. Bojonegoro district government through the education office has created a learning management system with the name sifajargoro. Sifajargoro was able to provide an oasis in the midst of the COVID-19 pandemic, especially in the education sector.

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