

## Research Article

### Learning Strategies for E-Learning in Primary Schools Through Use of Zoom Meeting Technology in the Covid-19 Pandemic Era

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#### ABSTRACT

During the Covid-19 pandemic, all learning activities were carried out through technology-based learning media, to avoid the spread of the Covid-19 virus. The purpose of this study was to find out how E-learning learning strategies in elementary schools through the use of Zoom Meeting technology in the era of the Covid-19 pandemic. The method in this research is to use the library research model (Library Research). The results showed that the learning media using Zoom Meeting technology as the most effective learning media used during learning in elementary schools, because it provides convenience in face-to-face interaction with teachers and peers.

*Keywords: Zoom meeting, Learning strategies, Learning media*

#### Introduction

During the Covid-19 pandemic, all activities can only be done at home or known by the term *Work Form Home*. This was done in accordance with government policies aimed at preventing the spread of the Covid-19 virus in Indonesia. With the Covid-19 pandemic, it has had a very significant impact, especially in the economic and educational fields, because during the Covid-19 pandemic, people or students must comply with government policies, namely following Social Distancing. Social distancing itself is an action in which everyone is required not to be close to one another. By avoiding all kinds of gatherings or gatherings to prevent transmission of COVID-19 [1]. However, to overcome these problems, especially in the world of education, the government implemented an online learning system in the era of

the Covid-19 pandemic. Online learning is a learning system through the use of technology as a medium for learning in the Covid-19 pandemic era.

In implementing the learning system *online* Education personnel must be able to understand the learning strategies that will be applied during the Covid-19 pandemic. In the world of education in the process of teaching and learning activities, there are two important elements, namely teaching methods and learning media [2]. In online learning systems, especially those that will be applied at the elementary school level, teaching staff must be able to understand the teaching methods and learning media that are most effectively applied during teaching and learning activities. The online learning model during the Covid-19 pandemic certainly uses technology as a medium in

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implementing learning models that will be used during teaching and learning activities. During the Covid-19 pandemic, the learning model used was E-learning. E-learning is a form of learning model that is facilitated and supported by the use of information and communication technology [3]. E-learning in elementary schools is effective as long as it is applied in distance learning in the era of the Covid-19 pandemic, because through E-learning makes it easy to interact with teachers and students.

In the learning model *E-learning* In elementary schools, of course, the need for learning media that was applied during the Covid-19 pandemic, namely by utilizing the Zoom Meeting technology. Online learning through Zoom makes learning more effective, because of the many supporting features during online learning in the midst of the Covid-19 pandemic [4]. In the learning process during the Covid-19 pandemic, of course the teaching staff must understand the learning models and learning media that are most effectively used as the implementation of distance learning models in the Covid-19 pandemic era at the elementary school level.

The purpose of this research is to find out how learning strategies are *E-learning* in elementary schools through the use of Zoom Meeting technology in the era of the Covid-19 pandemic.

## Methods

In this study using a library research model (Library Research). As for the steps in the research, namely, first, searching for and searching for reference sources that match the research title being searched through Google Scholar (Google Scholar). second, analyzing reference sources in accordance with the discussion. third, realizing the information obtained through reference sources by writing down ideas in scientific articles.

## Results and Discussion

### *E-learning during the Covid-19 Pandemic*

The learning system in Indonesia has changed due to the Covid-19 pandemic, a learning model using an online system aims to avoid the spread of the Covid-19 virus. This is to avoid the impact of the Covid-19 virus,

especially for students at the elementary school level. In teaching and learning activities implemented during the Covid-19 pandemic, using the E-learning learning system. Through the E-learning learning model to provide convenience, especially during the Covid-19 pandemic. Because, through this learning model it makes it easy for students and educators to continue doing online-based teaching and learning activities.

E-learning learning is a solution in the process of teaching and learning activities during the pandemic at the elementary school level, because the learning system in schools with an online learning system is to anticipate the spread of the Covid-19 virus. Through learning with the E-learning learning model, which is a learning model using information and communication technology to enable students to learn anywhere and anytime. This greatly facilitates students at the elementary school level in the online learning process.

### *Zoom Meeting Technology Utilization in E-learning in Elementary Schools*

E-learning learning is a solution for learning models carried out during the Covid-19 pandemic, especially for the elementary school level, the role of educators must be able to understand about learning models and supporting media during learning in the Covid-19 pandemic era. The development of technology and information becomes a solution for providing supporting media, especially during distance learning, the media used during teaching and learning activities must adapt to the conditions of the students' circumstances.

During distance learning in the era of the Covid-19 pandemic, the media often used by teaching staff, especially at the elementary school level, was using the Zoom Meeting media platform. Zoom Meeting is an application that makes it easy for users to interact via video conferences. By using interaction via video, it makes it easier for the teaching staff to provide material to students, because educators can see, interact, and be active to provide understanding of the material to students, especially for students at the elementary school level. Zoom Cloud Meeting application that is used by 3% or 2 teachers to explain new material that

is considered difficult. Through this application the teacher explores children's knowledge, provides direct feedback, and monitors student activities [5]. That way, the aim of using the Zoom Meeting media platform aims to make students more enthusiastic about learning because they can be motivated by their friends who are present, through the video conference also to reduce the boredom of learning by themselves during distance learning.

Based on research data conducted [6]. In terms of the usefulness of video conferencing with the zoom cloud id application as a learning support medium, it was found that 72% of child companions said that video conferencing with the zoom cloud id application strongly supports learning content and can make connections between educators, students, and child companions. This shows that in the learning process with the E-learning learning model, effective learning media are needed, one of which is by using the Zoom Meeting platform. In the process of using the Zoom Meeting media, especially for the elementary school level, it must be able to provide interesting things such as learning videos using animation that can provide students with a level of focus during learning,

### ***E-learning Learning Strategy through Zoom Meetings in Primary Schools During the Covid-19 Pandemic***

Zoom is a free HD meeting app with videos and screen sharing for up to 100 people. Zoom is a communication application using video. These applications can be used in various mobile devices, desktops, to telephones and room systems [7]. Through learning media based on the Zoom Meeting media platform, especially in the E-learning learning model, there are learning strategies that need to be applied during distance learning by educators so that students can understand the material through the E-learning learning model. E-learning has two types, namely: Synchronous first. Synchronous means that at the same time, the learning process occurs at the same time between educators and students. Applications that can be used are google classroom, zoom application, whatsapp application. Second, asynchronous means not at the same time [8].

Online learning strategies through the E-learning learning model by utilizing the Zoom Meeting media platform, namely that educators need to carry out learning techniques or strategies. In the learning process during learning at the elementary school level, namely through the first strategy, namely Synchronous, the learning process is carried out together at one time together so that elementary school students can interact with their friends, the Synchronous strategy also requires technology such as the Zoom Meeting for learning media platforms. Through this media, it will make it easier for educators and teachers to interact.

The second strategy is to use the Asynchronous technique, which is a very tentative learning activity because the learning process can be done individually according to the student's condition. In the E-learning learning process, collaboration of Synchronous and Synchronous learning strategies is certainly needed as an effective way to improve understanding of learning during the Covid-19 pandemic.

### **Conclusion**

During Distance Learning that is applied in the world of education at the Elementary School level, learning strategies are needed that adapt to the characteristics of students. An effective learning strategy during the Covid-19 pandemic is by using the E-learning learning model, as well as by using the Zoom Meeting media platform during the learning process. So that students at the elementary school level will find it easier to carry out the process of interaction with friends and educators during the pandemic era.

In the learning process *E-learning* Through the Zoom Meeting media, learning techniques or learning strategies are needed that are applied during the distance learning period, namely by using Synchronous and Asynchronous strategies through continuous learning strategies that will make it easier for students to understand, because there will be a direct learning process and an indirect learning process. during teaching and learning activities.

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