

# Utilization of Virtual Learning Videos with The *Zoom Meeting* Application: Study survey on Student Department of English Education at UIN Syarif Hidayatullah Jakarta during the COVID-19 Pandemic

Ratna Sari Dewi<sup>1</sup>, Murtono<sup>2</sup> Fahrurrozi<sup>3</sup>, Dessy Wardiah<sup>4</sup> Reza Rachmadtullah<sup>5</sup> Apri Wahyudi<sup>6</sup>

<sup>1</sup>Department of English Education at UIN Syarif Hidayatullah Jakarta, Indonesia.

<sup>2</sup>Department of Elementary School Teacher Education at Universitas Muria Kudus, Indonesia.

<sup>3</sup>Department of Elementary School Teacher Education at Universitas Negeri Jakarta, Indonesia.

<sup>4</sup>Department of Indonesian Language and Literature Education at Universitas PGRI Palembang, Indonesia.

<sup>5</sup>Department of Elementary School Teacher Education at Universitas PGRI Adi Buana, Surabaya, Indonesia.

<sup>6</sup>Department of Elementary School Teacher Education at Universitas Negeri Jakarta, Indonesia.

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## Abstract:

The key to the effectiveness of an online learning system is how a teacher remains creative to present online learning in a fun and easy way to understand so that students do not feel bored and remain productive at home. "Distance learning (online classroom) actually presents its own challenges, especially during the Covid-19 pandemic. Therefore, this study aims to determine perceptions of how to use video learning conferences with the Zoom Meeting application in Student Department of English Education at UIN Syarif Hidayatullah Jakarta during the COVID-19 pandemic. This study uses a survey approach. In general, the understanding of the survey is limited to research whose data is collected from a sample of the population, the results of this study are there are positive responses from elementary school teacher education students in using learning conference videos with the Zoom Meeting application.

**Keywords:** Distance learning, Video Learning, Zoom Meeting, Elementary School Teacher Education.

## 1. Introduction

The learning process in the era of the development of information and communication technology (ICT) as it is now allows the absence of teachers in the classroom. The learning process no longer depends on the teacher as the only source of learning, and can take place anytime and anywhere [1],[2],[3]. The learning process no longer only takes the form of verbal communication between teacher and student [4]. With the rapid development of technology in the world of education, with the internet as an integral part in it, many educational

institutions offer web-based learning, or what is often referred to as online learning or e-Learning. This type of learning certainly requires good and maximum management, so that learning objectives can be achieved [5].

Online learning (*also known as electronic learning, or e-Learning*) is the result of learning delivered electronically using computers and computer-based media. The usual material is often accessed through a network [6],[7],[8]. The source can come from the website, internet, intranet, in addition to providing instructions, e-learning can also monitor student performance and report on

student progress [9]. E-learning not only accesses information (*for example, web pages*) but also guides students to achieve specific learning outcomes (*for example, goals*). See phonetically. The potential for online learning education applications has developed. Students can not only access knowledge from textbooks but can also access material from outside school. Teachers and students can get a lot of information, unlimited, and can be accessed from several libraries around the world [10].

As mentioned above, e-learning has shortened learning time and made study costs more economical. E-learning facilitates interaction between students and materials, students and lecturers or teachers or instructors and fellow students. Students can share information and can access learning materials at any time and over and over again, with such conditions students can strengthen their mastery of learning materials [11],[12], [13].

In e-learning, the factor of teacher or teacher attendance automatically decreases or even does not exist. This is because those who take the teacher's role are computers and electronic guides designed by "content writers", e-learning designers and computer programmers. With the e-Learning activities the benefits obtained by the teacher or lecturer include that the teacher or lecturer or instructor will be easier to update the material and teaching models in accordance with the demands of scientific development that occurs, and can also efficiently control student learning activities [14]. The experience of other countries as well as the experience of distance learning in Indonesia has shown significant success [15].

Students and teachers can enhance learning in the classroom by accessing information from various sources (*databases, libraries, special interest groups*), communicating through computers with other students or with experts in certain fields of study, and exchanging information. Activities such as that carried out by national geography allow students and teachers together to reap the benefits of

connecting national networks of students, teachers, and scientists to investigate various topics.

At this time, after establishing the coronavirus as a world pandemic, you are encouraged to do social distancing. In addition, Work From Home (WFH) is a suggestion from the government to minimize contact between communities. Zoom is an application that can conduct remote conferences by combining video conferencing, online meetings, chat, to mobile collaboration. This application is widely used as a medium of long-distance communication [16].

"Zoom Cloud" as it's called, this application is very well suited for conducting Video Conferences, with the bandwidth used, there are no ads in the application, and does not consume too much memory resources if run on Android or PC. To register, simply enter the email on the main page of the zoom.us website, and later you will get an Account Activation notification email, and then follow the steps. If you use a PC or laptop, after registering an account, you will be shown the TopUp link download the .exe file, and please install it (support in Windows and Linux using Wine). If you use an Android smartphone, you can download it on PlayStore with the keyword "Zoom.Us". If you want to do a conference together, you can invite or you can also inform the "Meeting ID" to colleagues. "It's easy enough, isn't it?" in person without having to meet physically [17],[18],[19],[20].

## 2. Method

This study aims to find out how to use learning conference videos with the Zoom Meeting application for Student Department of English Education at UIN Syarif Hidayatullah Jakarta during the COVID-19 pandemic. This research uses a survey approach. In general, the notion of the survey is limited to research whose data are collected from a sample of the population to represent the entire population. Thus survey research is "research that takes samples from one population and uses a questionnaire as a primary data collection tool" [21]. In surveys, information is collected from

respondents using a questionnaire or questionnaire. Survey research is an investigation conducted to obtain facts from existing phenomena and look for factual information about the social, economic, or political institutions of a group or an individual [22]. Survey research is research that takes a sample from one population and uses a questionnaire as a primary data collection tools.

**2.1. Respondent**

The respondents of this study were students of the Department of English Education at UIN Syarif Hidayatullah Jakarta, the number of samples in this study were 100 students, consisting of 70 female students and 30 male students.

**2.2. Data analysis technique**

To get complete and accurate data that can be accounted for scientific truth, the authors use data collection techniques using a questionnaire to provide a list of questions or written questionnaires about learning through virtual video learning. then with library study techniques Data collection by

reading books, supporting literature or scientific work, and other sources related to research.

The measurement scale in this research uses a Likert scale type in the measurement. Likert scale is a scale used to measure people's attitudes, opinions, and perceptions about social phenomena. The Likert scale contains systematic questions to show a person's attitude towards that question. The alternative answers provided consist of 4, in the form of questions classified as follows: strongly agree value 4, agree value 3, disagree value 2, and strongly disagree value 1.

**3. Results**

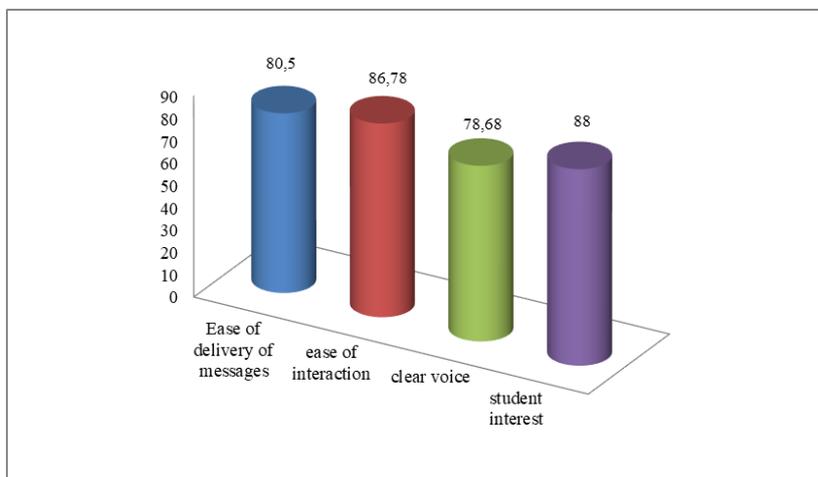
The results of this study are to find out how the use of learning conference videos with the Zoom Meeting application on students Department of English Education at UIN Syarif Hidayatullah Jakarta during the COVID-19 pandemic can be seen as follows:

**Table 1. Descriptive Statistics**

N	Range	Minimum	Maximum	Mean	Std. Deviation
100	20	70	90	77.70	5.901

Based on the Descriptive Statistics table above obtained a range of 20, a minimum value of 70, a maximum value of 90, a mean value of 70.7 and a std deviation of 5.90, then to find out how to use

video learning conferences with the Zoom Meeting application can be seen the percentage value of the dimension in the following figure:



**Figure 1. Average dimension score results**

Based on the value collected through the survey, it is found that the value of the ease of delivery of messages dimension is 80.5%, which means this value is very high, then the ease of interaction dimension is obtained at a value of 86.78% which means that this value is concluded to be very high, on the dimension clear voice obtained a value of 78.68% meaning this value was concluded to be very high. On the student interest dimension, a score of 88.00 is obtained.

After obtaining the percentage value of percentages, the researchers obtained description data by explaining based on observations and interviews, namely the perceptions in the use of learning conference videos with the Zoom Meeting application in students Department of English Education at UIN Syarif Hidayatullah Jakarta during the COVID-19 pandemic, which varied greatly, in terms of activity. Partially active students, this is seen by the number of participants who take part in restoration is always crowded and students are active in the activities of asking, analyzing, developing hypotheses, with active learning requires students to be excited, agile, fun, and use with the Zoom Meeting application passionately, even students often leave the seat to move freely and think hard (moving about and thinking aloud). During the learning process students can move, move and do things actively. active learning by using video learning conferences with the Zoom Meeting application on students Department of English Education at UIN Syarif Hidayatullah Jakarta during the COVID-19 pandemic is a new learning method where students not only listen to information conveyed by the lecturer, but students also see what is explained by the teacher and finally students do or try directly what has been learned to obtain learning outcomes.

The use of learning conference videos with the Zoom Meeting application for students Department of English Education at UIN Syarif Hidayatullah Jakarta during the COVID-19 pandemic is also part of a fun learning that can be interpreted as the process of delivering a teaching material that will be

given to students with a certain method or method correctly, and certainly makes the hearts of the students happy. The term fun is meant that the learning process must take place in a pleasant and memorable atmosphere. A fun and memorable learning atmosphere will attract students to be actively involved, so that the learning objectives will be achieved optimally.

#### 4. Discussion

Based on the research findings described above, the results of the study can be said to be effective using the learning conference video with the Zoom Meeting application on students Department of English Education at UIN Syarif Hidayatullah Jakarta during the COVID-19 pandemic because this application is very helpful in the daily learning process during an outbreak this COVID-19, then learning to use conference video with the Zoom Meeting application can create interactive video learning in line with [23], [24],[25],[20] suggesting that video can be interpreted as a part that emits images on television sets or recorded live images to be displayed on television sets. According to Daryanto [24]"video media is anything that allows audio signals to be combined sequentially with images." Video is a very effective medium to be used in helping the learning process, both for mass learning, individually, and in groups. More or less video is one alternative in overcoming the low learning outcomes, including mastery of the concept of material. Video can be used in learning because it can provide its own experience to students, but also because the ability of the video is effective enough to visualize material that is dynamic [26],[27],[28],[29]. Learning videos are media for transferring knowledge and can be used as part of the learning process. More interactive and more specific than a book or lecture, the tutorial seeks to teach by example and provide information to complete a specific task [30].

According to Cecep [31] instructional video media is a medium that presents audio and visuals

that contain learning messages that contain concepts, principles, procedures, theories of application of knowledge to aid understanding of a learning material. Video is an audio visual learning material that can be used to convey messages / subject matter. Said to be heard because the element of hearing (audio) and visual or video elements (visible) can be presented simultaneously. Video is learning material that is packaged through video tape and can be viewed through a video player that is connected to a television monitor [32],[33]. Learning video media can be classified into types of audio visual aids (AVA) media or media that can be seen and heard. Usually this media is stored in the form of plates or ribbons [34], [35].

How to use the Zoom application for online meetings is quite easy. Because the Zoom application can be used on cellphones or smartphones and on computers or PCs. Launching the official page, zoom.us, Zoom is a video communication application with a cloud platform that is easy and reliable for video and audio conferencing, collaboration, chat and webinars on all mobile devices, desktops, telephones, and space systems [36],[37]. Here's a tutorial on how to use the Zoom application for online meetings as practices: (1) 1. Download the Zoom application, how to download is at the end of this tutorial. (2) Create an account by registering using an email address. (3) Enter the first and last name, then check 'I Agree to the TOS'. (4) Then select 'Sign Up'. (5) Open the email used to register, then 'Activate Account'. (6) After that, enter the password that you want to use. (7) Invite the coworkers you will invite by entering their email addresses. (9) If there is not enough space, select 'Add another email'. (10) Enter the Captcha code. (11) Select 'Invite'. imprint a meeting url, then select 'Start Meeting Now'. learning with Zoom Meeting is a Virtual Classroom learning where teachers and instructors are connected online. This virtual class will use the audio-video conferencing feature, chat, whiteboard, and share content. This class is free, aka free of charge in use. Classes will also be opened and will be accessible

again at Zoom Meeting as needed can be used for review or reference [19],[38],[39],[40]. Participants can attend classes and can enjoy conversations with other participants in the same class, draw or write something on the board and share PowerPoint, PDF, Flash and Picture files. Some advantages for Teachers Providing an overall management system online and installing software easily, Teachers get virtual classes at no cost in this pandemic period, Online schedules can be arranged according to the wishes and times of the instructors. Teachers can engage participants via an online whiteboard, whether it contains writing or documents, and with two-way audio and chatting features, Teachers can create their profile accounts. Classes can consist of one-on-one classes or consist of several people in one class. Teachers can and demand payment from the teaching participants. Some advantages for Teaching Participants are Participants can find their own instructors, Learn from home, directly via the internet with a browser that is easy to read and use.

## 5. Conclusion

Based on the findings and discussion of this study, it can be concluded that the use of learning conference videos with the Zoom Meeting application for students Department of English Education at UIN Syarif Hidayatullah Jakarta during the COVID-19 pandemic get positive responses because students are provided with ease in the distance learning process, students are also interesting and enjoy learning using this zoom meeting application, this application can be one of the virtual-based learning references. The results of this study are also expected to contribute to the world of education specifically distance learning in the current Covid-19 Pandemic.

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