

THE STUDENTS' PERCEPTIONS ON THE USE OF VIDEO CONFERENCE APPLICATIONS AS AN ONLINE LEARNING MEDIA IN ENGLISH CLASS

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Abstract

The corona virus has spread worldwide, therefore the government has decided work from home or commonly known as WFH. The teaching and learning process which was initially face to face must be carried out completely online. Teaching and learning activities through this virtual teacher can monitor their students through supporting applications such as Zoom Meeting, Google Meet, and the other video conference application. This research examines the perceptions of 9th grade students at MTs. Hasyim Asy'ari Malang regarding the use of video conferencing applications. The instruments used to collect the data were questionnaire and interview. The researcher interviewed via WhatsApp video call. After conducting interviews with the participants, the data were transcribed and arranged into written form. Then, the results were arranged into a description. The finding of this research showed that video conferencing has a function as a long-distance communication tool through internet technology facilities by holding meetings or indirect interactions between teachers and students which is very useful in this distance learning process. Based on the finding, learning using the Zoom Meeting and Google Meet applications in online learning is included in the very simple and practical category.

Key Words: Perception, E-learning, Video Conference

INTRODUCTION

Pandemic of Corona virus has had the impact of stopping all social activities that usually run normally. Most companies and educational institutions are starting to adapt by employing their employees from home (work from home) and creating a home learning system for students. With technological advances that continue to develop, all activities can be carried out online. The contemporary globalization era's rapid advancements in science and technology undoubtedly have big impact on people's lives, especially in the area of education (Mustofa & Sari, 2020). This helps the world of education in education when dealing with the problem during the Corona virus pandemic. During the pandemic, learning resource such as computers, cellphones, laptops, and other technology based devices can be utilized to efficiently and effectively deliver the learning material.

In order for learning to be effective, educators are able to provide knowledge about the learning media so that the learning process runs smoothly. The teaching and learning process or teaching and learning activities, the method and tools are needs that really determine the success of educators' teaching result and student learning outcomes. Innovation education activities absolutely must be carried out both by school principals and teachers. (Lubis et al., 2020) stated that teachers innovate of course in order to improve learning and the quality of students' achievement of learning goals. Before determining a learning media, a teacher must first know the characteristics and types of learning of students both individually and as a whole, such as visual, audio, kinesthetic, tactile, olfactory, gustative, and combinative. This is because the media that will be used is appropriate to the students' conditions, so that the message conveyed in learning are easily received well (Ramli,

2012)

Through the integration of e learning components such as hardware, software, material, and interaction techniques, e learning is a methodical process of learning that makes use of information and communication technology. Using internet technology can improve the quality of education and increase interaction, simplify the learning process because material can be accessed anytime and anywhere, and teachers can reach students with broad coverage (Nurhalimah & Aditoni, 2021). E learning offers quality guaranteed learning interactions over time and (Widanarko, 2007)

Online based learning is a learning concept that uses communication and information technology, especially the internet. Where the learning that held by the teachers and the students are carried out via e-mail, discussion forums, certain websites, and all internet-based application. The selection of learning strategies is influenced by the use of major media. Because of this, choosing an online learning design requires careful planning that takes into account both the audience for the subject being learned and the qualities of the instructional materials. (Soenarto, et al. 2012)

Electronic learning had started in the 1970's, however began to be commercial in nature and developed rapidly since the 1990's. Started to be known commercially in 1995 when Indo-internet opens its services as a service provider the first internet. E-learning consists of two parts "e" which is an abbreviation of "electronics" and means learning "Learning". So e-learning or virtual learning is learning by using services or device assistance electronics, especially computer equipment (Darmawan, 2012). Online based learning is a learning concept that uses communication and information technology, especially the internet. Where the learning that held by the teachers and the students are carried out via e-mail, discussion forums, certain websites, and all internet-based application E-learning offers flexibility to students, allowing them the freedom to choose when and where to study. Similarly, teachers aren't bound to specific schedules or locations either. They can update learning materials at their convenience, from anywhere. However, the quality of education in e-learning varies greatly. It can be excellent or poor when compared to learning in a traditional classroom. In developing countries like Indonesia, online learning is limited to non-regular sessions or situations where teachers or lecturers cannot attend face-to-face classes (Ismiatun & Suhartoyo, 2022)

Based on (Hadisi & Muna, 2015) E-Learning had some advantages, explained that E-learning can be accepted and adopted well because of its advantages. The advantages offered in e-learning include: a) Costs: Educational institutions can save costs because they are not necessary spending fund to provide classroom equipment such as blackboard, projectors and other stationary. b) Time flexibility: Students and teachers can adjust study time because learning can be accessed via internet at any time according to the time which are desired. c) Flexibility of location: Students and teachers can access learning materials anywhere, as long as supporting media such as cellphones, laptops, etc. are connected with an internet network. But, (Hadisi & Muna, 2015) also declared that e-learning cannot be separated from various shortcomings in it. The weakness of e-learning includes: a) Lack of interactions between students and teachers. b) Lack of teacher role in mastering conventional learning techniques because the learning is required to use ICT. c) Students for not have high motivation to learn. d) Not all areas are facilitated by a maximum internet network. e) Lack of mastery of technology. The advances in technology now allow students to study completely online while still socializing with classmates, learning during courses and participating in on going subject-specific discussions. By means of video conferencing, documents, digital, and others. The use of video conferencing in distance learning will greatly assist students in learning because educators can interact even in different places. Video conferencing is a face-to-face application used to address online learning. Video conferencing is a technology using video and audio to connect users who are far apart from each other via the internet, where it is as if they were in the same room that integrate with each

other. Each user can see and hear each other in real-time, and natural conversation is possible. Video conferencing applications are also the media of choice considered to be able to facilitate student learning in implementing home learning (Rahmawati, Putri, Nurdini, & Triaristina, 2022)

Video conferencing is a very useful form of communication as it saves time and travel costs for many people. Many schools and universities have adopted video as a medium for teaching, and also employers around the world are using videoconferencing as a means of staying in touch with others. The concept of videoconferencing is the same as a conversation between two people (point-to-point) or involving several places (multi-point) with more than one person in a large room at different places. Video conferencing is one media that one or more people can connect to communicate using access data, audio, and images that are duplex (duplex) at the same time (Purnomo et al., 2013).based on (Simanjuntak, 2020) there are 3 categories on video conference, there are personal video conference, business video conference, and web video conference. Teaching and learning activities through this virtual teacher can monitor their students through supporting applications such as Zoom Meeting, Google Meet, and the other video conference application

Zoom Cloud Meeting application is an application that requires an internet networking that can communicate via audio and video. When conducting online learning, the zoom meeting application is frequently utilized. This program can facilitate e-learning by making it easier for teachers to communicate with students during the distance learning process. Zoom is a web-based video reservation tool with a desktop client local and mobile applications that allow users to meet online, with or without video (MarliniSepti, 2020). Zoom Meetings function as a long distance communication medium that combines video conferencing, chat, online meetings and cellular collaboration. In addition to supporting up to 1000 people in a single meeting, the Zoom Meeting app is available for free download on Play Store, App Store, and other platforms.

Each of applications certainly has several features that are advantages and disadvantages. The advantages of this application, even do not rule out the possibility that apart from having advantages, there are certainly disadvantages in it (Brahma, 2020) The advantages and disadvantages of the Zoom Cloud Meeting. The advantages of zoom cloud meeting are have a good video quality, good audio quality, gated video recording, it has an interesting chat and share screen feature, and it has an emoticon feature. And the disadvantages of zoom cloud meeting are It can only last for 45 minutes for the first time, so you have to sign in and sign out to join the meeting in the next session., and the language feature used in English so it becomes an obstacle for users who do not understand English.

Google Meet is a video conference used for online meetings activities developed by Google. Apart from the meeting process, this application allows users to hold meetings while traveling, carry out teaching and learning activities and virtual training classes, remote interviews, much more (Juniartini & Rasna, 2020) Google released Google Meet which allows users to make video calls with up to 25 other users per meeting. In other words, Google Meet can be an alternative medium for the teaching and learning process, socializing with office colleagues or even conduct work meetings from inside the house. Google Meet became a more powerful version than its predecessor Hangouts due to Google Meet can be displayed on web applications, Android and iOS applications. Google Meet can also be used for free on a small scale as many as 25 people.

Google Meet has several advantages, based on (Simorangkir, 2020), there are there is a white board feature, it is free to use and available on play store and apple store, HD (High Definition) video display, many attractive display options, it can be used by 250 participants, and it is easy to use. And based on (Brahma, 2020) explained that Google Meet also has several disadvantages,

including: the free version of Google Meet does not have a recording feature, screen sharing feels heavy and slow, it cannot change the screen background, video has presented a feature to change the background screen so that the visualization looks more attractive, and also here is no desktop version of Google Meet yet.

Perception which means the event of arranging, recognizing, and interpreting sensors in order to provide a picture and understanding regarding an environment (Alizamar, 2016) Perception is defined as a cognitive process in which a person has the right to choose, organize, giving meaning or understanding or environmental stimuli. So based on this definition, it explains that each person can give their own meaning to environmental stimuli, each different individual can see the same thing but understand the things that they see differently, so that each individual has a different perception.

The perception process is preceded by a sensing process so that this perception process is received by a stimulus through the sense organs which is called sensory process. The sense organs are a means of connecting an individual with the outside world. The stimuli received by the sensory organs are then organized and interpreted by the individual, so that the individual can realize and understand what is obtained from the stimulus, this process is called perception (Walgito, 2004)

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The process of perception begins with the object that causes the stimulus comes from the sense organs or receptors. Object and stimulus are different things but sometimes the object and stimulus becomes one, for example in the case of pressure namely the object as an object directly touches the skin. According to Adam in (Fitriyani et al., 2020) explained that there are four steps that determine the perceptions process, namely: a). Input process, namely the process of initiating a request. b). Selectivity, namely in receiving stimulation, human abilities are limited. c). The closing process, namely a person's state of receiving stimulation is always limited towards problems and humans always fill what is still free with their own experiences. This happens when he already feels that he has understand a particular situation. d). Context, perception occurs in a unity or context can be physical aspects, emotional context, and social environment. Everything that is an object around humans can be perceived. Even humans can be object of perception. Self-perception is someone who makes himself into an object in perception, so that many objects can be perceived. So the object of the perception can generally be classified. Object of perceptions are divided into two, namely human and non-human.

The researcher wants to give brief explanation about learning that covering definition of learning, and learning media. Learning is a process a person carries out internally carry out the

learning process according to the plan. (Aswan, 2016) stated that learning can also be interpreted as a means for the learning process to occur, namely changes to a person's individual behavior through the learning process that has been created in the learning process design. Learning requires a dialogical relationship between students and teachers, the learning process is emphasized on students, not teacher. The teacher act as a facilitator who can create a supportive learning atmosphere.

A concept like this emphasizes the focus of learning which places more emphasis on student activity so that it can be explained to what extent the learning objective that occur can be achieved by students. In the teaching and learning process, learning planning is one of the aspect that needs to be considered. Setting out learning objectives, it can obtain efficient and maximum learning results, not only clarifying the direction and objectives of learning. Learning is something that students need to do in order to meet their future expectations. To the best extent possible, objectivity can only be attained when the teacher are able to involve and utilize the learning potential that exists in students (Akhiruddin et al. 2019). Learning media is Media comes from the Latin word "mediums" which in its plural form "medium", is interpreted literally as an intermediary. Therefore, it can be said that everything can be intermediary is called a medium. To implement the teaching and learning process or teaching and learning activities, the method and tools are needs that really determine the success of educators' teaching result and student learning outcomes.

The researcher provides some previous studies related to the topic that has been conducted in various educations which specifically provide complete information on students' perception the use of video conference. The research finding by (Anhusadar, 2020) he tried to find out the forms of applications used in online learning and to find out supporting and inhibiting aspects in online learning. The result showed that student's perceptions of online learning are in the high category, it is hoped that this can help students in carrying out the lecture process during the Covid 19, because the good online learning will help students increase their understanding and knowledge. Even though there are still many students in their areas who do not have adequate internet networks, this does not reduce students' enthusiasm for taking online learning.

Then the research by (Mannong, 2020) he did research to analyze students' experiences in using online applications in learning English and the obstacles they faced. The result showed that the use of Zoom Google Meet, Google Classroom, WhatsApp helps students adapt to pandemic conditions. Apart from helping students learn English virtually, it also increases students' digital literacy. Although there are several obstacles in using it.

Another previous study, were done by (Haqien & Rahman, 2020) This research conducted 95 students with the respondents came from 6 different universities in Jakarta and Depok. This study attempts to determine the extent to which students currently enrolled in universities in Jakarta and Depok use Zoom Meetings as a learning tool in the social distance era. The study's findings demonstrated that while university students in Jakarta and Depok do not find Zoom Meeting to be very useful, the application is still superior to other programs that just rely on written communication activities.

To collect the data of this study, the researcher used questionnaire and interview. The researcher tried to describe the students' perception on the use of video conference in English class. The results of this study showed that video conferencing has a function as a long-distance communication tool through internet technology facilities by holding meetings or indirect interactions between teachers and students which is very useful in this distance learning process even though there are obstacles faced by students. On the other hand, learning using the Zoom Meeting and Google Meet applications in online learning is included in the very simple and practical category.

METHOD

This research uses a qualitative research approach. Qualitative research is often used by researchers in the field of social sciences, including educational. The preparation of research instrument was carried out based on the method chosen. The instruments used in this study were online questionnaire and interviewed. In this study, the researcher used Google form for online questionnaire, and interviewed also carried out online via WhatsApp video call. It was used because of limited time and space for researchers and respondents.

The aim of using a questionnaire is to find students who will be interviewed. Provided that students have different answers related to the statements in the questionnaire. The interview was conducted in July, in the interview questions the researcher asked 8 questions related to Google Meet and Zoom meetings. Interviews were conducted for 10-15 minutes per student, and to ensure the answers given, the researcher checked the answers twice. Interview data collection was stopped when it reached saturation. The goal of a qualitative researcher is to find patterns and validation in previously gathered data, and the process of gathering data doesn't stop until the researcher feels that saturation has been reached—that is until no new themes or essences from the participants (Streubert & Carpenter, 2011).

The researcher took to collect data in this study were as follows; (1) Researcher made a list of questions using Google form, (2) Researcher made a list of questions, and researcher shared a questionnaire link containing questions that must be answered by respondents via WhatsApp. (3) Researcher conducted interviews with respondents using WhatsApp video calls. The data required in this research was obtained using following data collection techniques 1) Questionnaires are form of data collection tool, while data sources are ordinary people called respondents. The questionnaire referred to in this paper is in the form of questions with closed answers and multiple choice. It means that the answers to the questions are already available, so the respondents just have to choose the one that suits his wishes (Arikunto, 2010). This research used a questionnaire with a Likert scale. Arikunto (2010) the Likert scale is a technique of providing a scale value for each alternative answer that has four options, namely strongly agree, agree, disagree, and strongly disagree. 1. Interview, Interviews are the form of data collection most often used in qualitative research (Byrne, 2001). In this research, researchers also used the interview method to collect data. Researchers used the WhatsApp applications to conduct online interview with respondents.

After conducting research and collecting data, next step is analyzing data. Data analysis is an effort to process data into information, so that the data can be easily understood and informed to other people. According to Miles, 1994 cited in (Sugiyono, 2014) there are three steps that from data analysis activities. Any three steps used for this research as follows: The first step is data reduction Data reduction is the act of selecting, narrowing, simplifying, looking for themes and patterns, and determining priority needs (Miles, Huberman, & Saldana, 2014). In this step, the researcher focused on the efficiency of using zoom cloud meetings application during pandemic Covid-19 era. The second step data display is phase involves creating a shot description using original text, which can also take the form of a chart, graph, or matrix (Miles, Huberman, & Saldana, 2014) The researcher will present the data by simplifying the data by using original text in the form of narrative text. The last step is conclusion. The primary conclusions drawn by the researcher from all of the data gathered will now be evident (Miles, Huberman, & Saldana, 2014). The solution to the problem statement at the outset has been the conclusion.

A number of reasons were also put forward, the essence of which is that qualitative research enriches the results of quantitative research. Qualitative research is research based on the post-positivism philosophy which is used to examine the condition of natural objects where the

researcher is the key instrument and the results of his research emphasize the meaning more than generalization (Sugiyono, 2009). Qualitative research seeks to find what is behind actions, not external phenomena but internal phenomena and emphasize more on the meaning and process rather than the results of an activity. The research method used is descriptive qualitative method.

The participants of this study were 9th grade students of MTs. Hasyim Asy'ari Malang. They were students who have had learning experiences before the pandemic, during the pandemic, and after the pandemic. The participants for this study was 32 students to fulfill questionnaire and 5 students to be interviewed by researcher. The instrument used in this study were questionnaire and interview using video call through WhatsApp to the students. Having an interview to the students is one of the ways to get the accurate research data.

The questionnaire were adapted from Hanas (2022). The questionnaire distributed to students regarding the use of video conferencing. There are 19 statements regarding video conferencing in the questionnaire. After students fill out the questionnaire, researcher found 5 students who had different answers, so the students would be interviewed. The interview question adapted from Apriyana. D (2021) and Hutabarat. R (2022). In the interview, there were 8 questions about Google meet and Zoom meeting. Interview was used to find students perception about video conferencing, the differences between face-to-face, and online classes, and what challenges they faced. The steps that the researcher took to collect data in this study were as follows, researcher made a list of questions using Google form, researcher made a list of questions, and researcher shared a questionnaire link containing questions that must be answered by respondents via WhatsApp, and last Researcher conducted interviews with respondents using WhatsApp video calls.

FINDING AND DISCUSSIONS

The data find out how students perceive online learning through the Zoom Cloud Meeting and Google Meet applications were obtained through distributing questionnaire to MTs Hasyim Asy'ari students at the third grade. The questionnaire was distributed to 32 respondents with 19 statements items with four answer options consisting of strongly agree, agree, disagree, strongly disagree and then ask the respondents to fill out the questionnaire based on their experience.

In this discussion section, the researcher described overall results that the researcher obtained after distributing the questionnaire online and interview. The discussion described students' perceptions after using video conferencing applications in online learning especially in English subject. Advances in information technology are very useful in the distance learning process, because this technology allows for interaction between teachers and students at anytime and anywhere without meeting face to face.

Based on the results of the questionnaire, the respondents stated that this is the best alternative way to do learning activities from home because pandemic. Based on several student responses to the interview, it shows evidence that the use of the video conference applications during the Covid-19 Pandemic received a positive response from most students, and the other have negative response. The first participant who has a positive perception is S1. S1 believes that the use of the Zoom Cloud Meeting application in online learning during the COVID-19 pandemic it is efficient because the applications used in the online learning process during this pandemic help and create learning easier to communicate with teachers. (S1, July 2023). The second participant who has a negative perception is S4. S4 said that the use of Zoom meeting helps participant help to learn English, but it is not effective because of the obstacles faced such as the audio and the video quality unclear (S4, July 2023).

Communication in education can be interpreted as the process of transferring information or messages in the education and for education purposes itself. As stated by Fajriati, et al. (2020) communication can be said to be effective it pays attention to the following three things, namely aspects of clarity in the form of information, language and messages that must be conveyed clearly so that they can be understood by students. Communication is an important thing that is needed when learning activities take place. Failure to achieve general learning objectives is due to minimal communication between teachers and students. In this case, teachers need to optimize interaction through discussion so that it can increase students' learning motivation. A form of interaction that can be carried out during online learning is by frequently asking about news while studying at home. This was also stated by S2 who had a positive perception. S2 stated that the use of video conferencing in online learning is very efficient because this application is very helpful in making learning easier for students can communicate and get feedback easily from teachers (S2, July 2023)

Distance learning using these video conferencing applications are considered relatively capable of replacing the synchronization or face to face learning and it is considered efficient for use as an online learning media. This finding also showed that video conferencing has a function as a long-distance communication tool through internet technology facilities by holding indirect meetings or interactions between teachers and students which is very useful in this distance learning process. Learning using Zoom Meeting and Google Meet applications in online learning is included in the very simple and practical category. Even though the difficulties faced, the use of video conferencing remains an alternative to distance learning.

CONCLUSIONS AND SUGGESTIONS

After conducting research and analyzing the research about The Students' Perceptions on the Use of Video Conference Applications as an Online Learning Media in English Subject, the researcher draws a conclusion for this research.

Based on the results of data analysis and discussion presented, it concluded that most of the participants have a positive perception regarding the use of the video conference applications especially Zoom Cloud Meeting application and Google Meet used in online learning during the Covid-19 pandemic. Based on the research results, participants stated that the video conference application was used on online learning during the midst of the Covid-19 pandemic turned out to be efficient because these applications are the best alternative way to carry out face-to-face learning activities seven though the learners carry out learning in their respective homes. The video and image quality of the Zoom Cloud Meeting Application and Google Meet in online learning makes it very easy for teachers and learners who have to display PowerPoint to explain material during presentations. it concluded that online learning media using video conference such as Zoom Cloud Meeting and Google Meet can be used well by students of MTs Hasyim Asyari Malang.

The researcher had some suggestion: 1. For the students, who experienced difficulties in the online learning process should increase their own knowledge so that the learning process can be achieved perfectly. 2. For the Teacher, need to pay attention to the students' perceptions of online learning. If this known, it would be easier for the teacher to determine the material and teaching methods to be used so that online learning activities can run well and the students can participate happily without any element of coercion. 3. For the next researcher, for the next researchers that want to conduct research that similar with this study, this study can be used for their reference in their research. Future researchers can also develop several things that may not be discussed in this research.

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