



## Digital-Based Online Presentation Media in Improving Students' Language Skills

Kamaluddin <sup>1</sup>, Wardah Azizah <sup>2</sup>, Meghy Allan <sup>3</sup>, Yoseef Robert <sup>4</sup>

<sup>1</sup> Universitas Islam Negeri Mahmud Yunus Batusangkar, Indonesia

<sup>2</sup> Universitas Islam Negeri Mahmud Yunus Batusangkar, Indonesia

<sup>3</sup> University G. d'Annunzio, Italy

<sup>4</sup> Tribhuvan University, Nepal

**Corresponding Author:** Kamaluddin, E-mail: [kamaluddin@iainbatusangkar.ac.id](mailto:kamaluddin@iainbatusangkar.ac.id)

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### ABSTRACT

In this day and age, the need for technology is needed, especially in the world of education. Therefore, a variety of learning media are needed that help to develop education with the latest technology and are suitable for use in the learning process. One of the learning media that helps in the learning process is digital-based online presentation media, such as power points. Digital-based online presentation media is a media that uses a network and is in digital form, which makes it easier for users in the learning process. The purpose of this study was to see whether this digital-based online presentation media could improve the language skills of students or not. This research is quantitative with a descriptive approach using survey methods using questionnaires or questionnaire research instruments. The results of this study show that this digital-based online presentation media can improve the language skills of grade 3 students of Madrasah Tsanawiyah Prof. Dr Hamka Maninjau. With the results of the research that has been carried out, it is known that digital-based online presentation media can be positively useful for improving the Arabic language skills of grade 3 students of Madrasah Tsanawiyah Prof. Dr Hamka Maninjau.

**Keywords:** *Digital-Based, Language Skills, Online Presentation Media*

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## INTRODUCTION

Along with the times, many of us find are related to technology that can affect various aspects, be it environmental, social, community or educational aspects, especially from the educational aspect where technology can facilitate the learning process carried out by teachers to students (Mayangsari et al., 2020) because technology

itself is one of the tools that can make it easier for teachers to deliver learning materials where in technology, there are various kinds of media that can be accessed by teachers and students in the learning process (Al Aslamiyah et al., 2019), where the media itself is a connecting tool or intermediary tool for a teacher in explaining learning so that learning is easier to understand and has many fans among students. Why is that because learning media also has a great appeal for students and students in general (Vira Amelia, 2021)? Media also has a relationship with digital, which in digital itself is an electronic technology that can store, form, and also process various data contained in two conditions, namely positive and negative (Karim & Fitroh, 2018). Which is a positive condition itself and can make it easier for teachers and students to find learning material to be learned later (Adittia, 2017). while on the negative side, it can make students not serious in following the learning process because of things that are often encountered, students often open or access something after learning, for example, looking at youtube and other things. And can also be connected via the internet (Pradnya Paramitha & Dharmadiaksa, 2019). Because using the internet will be easier.

Media and digital have a considerable connective power (Widiyawati, 2019). Learning media is easier to understand, and current learning media can also improve students' language skills. Why is this? Because the relationship between language and media is very close (Winangun, 2020). And the use of language in media varies according to their respective interests. The correlation between language and media is often used to seek knowledge (Datubara & Irwansyah, 2019). and Science also has another meaning. Science is an effort to investigate, discover, and improve human understanding of various aspects of reality in human nature. These aspects are limited to the creation of certain expressions. Science provides certainty that limits the scope of his vision and the certainty of knowledge gained from it (Pradnya Paramitha & Dharmadiaksa, 2019), .not just knowledge. It summarizes a set of consensus knowledge-based theories that can be systematically tested using a set of methods accepted in certain disciplines. Because people try to think more about what they know from the point of view of philosophy (Wicaksono, 2019), Science can only be ascertained after its field is limited to the Baha'i Faith (material only). In order to meet interests, to give effect on students to achieve those interests, to meet diverse interests. This activity includes aspects including religion, education, multilingualism, and security defence (G/Tsadik et al., 2020). To gain this access, language is used as a means of communication.

Communication tools are tools that can make it easier for a person to communicate without being limited by space and time (Kurniawan et al., 2021). This communication tool is divided into two types, namely traditional and modern communication tools (Adiono et al., 2017). Where in the past, people communicated with traditional tools, whereas the traditional tools themselves were simple media that could be used during the process of distributing messages by the sender (communicator) to the recipient (communicant) (Simanjuntak et al., 2019). Usually, this traditional communication tool still uses a manual method (Asmara & Khamimah, 2019). This is

because the technology was not yet discovered at that time. Along with the times, a communication tool emerged that could make it easier for someone to send messages to recipients, whereas the modern communication tool itself is a foreign medium used for distributing messages from message senders (communicators) to message recipients (communicants) (Dermawan et al., 2020). The difference between traditional communication tools (Bito et al., 2021) and modern communication tools is characterized by technological elements in them. In modern communication tools, this can take advantage of even more likely those that depend on electricity, signal networks, and various other technological touches. Modern communication tools have a wide range. In addition, modern communication tools also produce sophisticated information or messages, such as loading messages, images, even moving images or what we often call videos. Modern communication tools also allow humans to exchange thoughts to obtain information quickly even though they are separated by long distances (G/Tsadik et al., 2020), which contains elements of language in it (Sangidu, 2013). Estimates of the number of languages in that world vary, ranging between 6,000 and 7,000 languages, but accurate estimates depend on random variations that can occur between languages and dialects. Natural language is sound or sign language, but any language can be encoded into a second medium using auditory, visual, or tactile stimuli. Graphic writing, Braille, or whistle this because human language does not depend on modalities (Urpatullia et al., 2021). And according to their respective languages. At the same time, the communication tool Traditional communication tools are simple media that can be used during the process of distributing messages by the sender (communicator) to the recipient (communicant) (Supriatna & Handayani, 2021). Usually, this traditional communication tool still uses manual methods. This is because the technology was not yet discovered at that time. Thus it can be concluded that the existence of technology can make it easier for someone to communicate, which in communication, someone can use language variations in it.

The language that a person uses in communicating refers to the cognitive ability to learn and use complex communication systems, or the set of rules that make up that system, as well as the set of speech that can result from those rules (Hildawati, 2019). All languages rely on semi-assisted processes to associate letters with certain meanings (Ramiati et al., 2020). Spoken language and signatures have a phonological system that controls how symbols are used to form a series called words or morphemes and a syntactic system that controls how words and morphemes are combined to create sentences and speech (Zain & Wahyukti, 2018). Human language is unique in that it exhibits characteristics of productivity, reflexivity, and mobility since human language as a whole also depends on customs and social education (Bashori, 2019). Its complex structure offers a wider representation and use than the known animal communication systems (Suhaila et al., 2021). Since the time of the Hominins, it is believed that the language began to gradually change the system of communication between primates. After that, primates began to acquire the theory of mind and the ability to form intentionality (L. K. Sari et al., 2020). This evolution can be considered consistent with

an increase in brain volume, and many linguists claim that linguistic structures have evolved to perform certain social and communicative functions (S. amelia Sari, 2017). Language is processed in different parts of the human brain, especially in the area of Broca and Wernicke. Humans acquire language through early childhood social interaction, and children can speak fluently at the age of about three years. The use of language is rooted in human culture because of the development of technology at this time (Banjarnahor & Noveria, 2019) which is very fast and tight.

The development of information technology that we see at this time in the field of education is developing rapidly and very rapidly in any case (Ali Mubarok, 2018). Information technology is a technology that is used to process data, including processing, obtaining, compiling, storing, and manipulating data in various ways to produce quality information, namely relevant, thorough and perfect time info, which is used for direct, business, and government needs and is strategic information for decision making (Harun & Fauzan, 2019). This technology uses a set of personal computers to cooking data, a network system to connect one computer to another in sync using needs, and telecommunications technology used so that data can be disseminated and accessed globally (Fauziyah, 2019). the work that the software technology can provide this issue is to receive news for personal life, similar to news about health, hobbies, recreational, as well as spirituality. Then create professions such as Science, technology, commerce, business information, and professional associations (Fauziyah, 2019). means of cooperation between an exclusive or one group with an exclusive or another group without knowing the boundaries of time and time, country, race, economic class, ideology or other factors that can damage the exchange of ideas. Therefore, the importance of technology at this time is to facilitate the learning process for an educator and students anywhere and anytime (Puspita & Gunawan, 2019). Therefore, technology is very important in the learning process, especially learning that is carried out online.

Studying online also reduces the cost of education, including the cost of building and maintaining a place to study (Arizona et al., 2020). All online learning courses are also available at prices depending on our income. Online learning also adds new experiences and relationships (Kusumawardhani & Burhanuddin, 2020), where online learning also has more learning about the educational process and the material to be studied. Therefore, the online method provides many resources and variations on how to learn online (Sukardi & Rozi, 2019). Online learning can also train or increase creativity using digital learning or online discussion forums in addition to the face-to-face learning system (Anggrawan, 2019). The online teaching and learning process requires a learning medium (Niki et al., 2019). The function of the media itself is as a mediator or channeler of information from teachers to students (Rufaidah, 2019). Learning media is widely defined as an electronic and non-electronic educational tool that can convey learning information to students and motivate them to learn using media (Nurbani et al., 2019). Media that supports digital-based online learning to increase the creativity of a student. therefore online media (Saleh & Mujahiddin, 2020). this digital-based brings good destruction in terms of learning to students, why is this the case with digital-based

media of various kinds, where in the digital world has its own meaning and has been widely used in various kinds as an exquisite tool.

Digital is a representation of a numerical state consisting of the numbers 0 and 1, commonly called binary or binary, and can be turned off or turned on (Chetty et al., 2018). It is also stated that the definition of digital is a signal or data represented by a series of numbers 0 and 1 and is generally represented by the value of physical quantities such as voltage or magnetic polarization. Digital comes from a Greek word like Count your finger 10. Since the value of tens consists of two radices, namely 1 and 0, digital is a picture of a numerical state consisting of the numbers 0 and 1 or off and on (binary). All computer systems use digital systems as databases (Gegenfurtner et al., 2020). Also called bits (2 digits). Digital, or what is more commonly referred to as digitalization, is a form of change from mechanical techniques and analogue electronics to digital techniques. This digitization has been going on since 1980 and continues to this day (Adella & Rio, 2021). The digital age was born from a revolution that was first sparked by a generation of teenagers born in the 1980s. The existence of digitalization is the beginning of the digital information age or the development of more modern techniques. Digital technology no longer works manually with human labour but with computer systems or automatic operating systems in a form that can be read by computers (Wahyono et al., 2020). Basically, digital technology is a very fast computing system that processes all forms of information as numbers (digital codes). On the other hand, digital communication technology is a technology that is based on electrical computer signals. The signals are intermittent and use a binary system. Binary numbers form digital codes (1 and 0 based on the presence or absence of current set by the transistor). The digital code will later be processed by a computer. For example, a video camera image is converted from light waves to a digital format in pixel format.

Media transformation through technology media is also a process of organizational change that involves humans, strategies, and structures through the use of digital technology and business models that adapt to improve organizational performance where technology media can also bring a change that will bring an innovation that can change the company to be more effective and efficient in running a business. The use of digital technologies that are carried out radically to improve performance or to achieve the goals of the enterprise. He also added that digital transformation brings with it many new challenges to the organization and demands that it must be more careful than in previous eras. Maksym Babych, According to Babych, the CEO of digital transformation, is a major change in process activities, competencies, and business models to fully take advantage of the opportunities of various emerging digital technologies taking into account current and future changes. The changes in question are as follows: Use less pen and paper, and use more online tools and applications. It has a smaller archive space and is starting to switch to cloud storage. Reducing concerns in the network, thinking more about data security and technology trends, and incorporating integrated technology systems for businesses. Less complains about the development of software, studies it more, and has knowledge of its use of it.

John Moss John Moss explained that to be able to assess the success of digital transformation, it is very important for company executives to determine how to plan it from the beginning before carrying out digital transformation.

According to Eric Jeffery, digital transformation is the key word for evoking emotions and attracting action. Digital transformation is emerging to help organizations grow in technological maturity while focusing on business needs. Eric also argues that moving toward the path of digital transformation without understanding its purpose can lead to unnecessary financial expenditures. Digital transformation can mean different things to different people. Based on the explanation above, researchers have researched digital-based online presentation media to improve students' language skills. This study will deepen understanding of the technologies that facilitate online learning for educators and students, enabling 4,444 educators to develop digital presentation media as needed to create active and effective learning. Researchers hope that more studies will consider similar discussions to gain insight and refine the results of this study.

## **RESEARCH METHODOLOGY**

In this research method to apply it, researchers use quantitative research with survey methods using questionnaires or questionnaires as a data collection instrument. This quantitative research is one of the studies that utilize data in the form of numbers as the information they want to know (Consumers et al., 2021). The survey method is a method that is used to retrieve data that occurs now or before. This survey method can also be applied to large and small populations. The use of this questionnaire or this questionnaire in this method seeks to collect data according to the same question or statement that the researcher put forward to the respondent or sample. This questionnaire or questionnaire will be presented to the respondents in terms of this study, namely class VIII students at the Islamic boarding school Prof. Dr Hamka reviewing the influence of Digital-Based Online Presentation Media in Improving The Language Skills of Students (Consumer et al., 2021). The number of students in the class is 15 people, and the data collection time is carried out for two days, namely from June 22, 2022, to June 23, 2022. The data that has been collected through questionnaires or questionnaires that have been carried out by respondents will be quantitatively analyzed by researchers will obtain the desired data about the purpose of this study, namely to find out the impact or influence of Presentation Media (Fauzi et al., 2022) Digital-Based Online in Improving The Language Skills of Students in Learning Arabic which in this study is an increase in Arabic vocabulary and also student learning achievement.

## **RESULT AND DISCUSSION**

The researcher said to the school that it had provided a forum and opportunity for researchers to make the buya Hamka Islamic boarding school the object of the researcher's study this time. The researcher also expressed his gratitude to the teacher assembly for providing insight and knowledge to researchers so that researchers could

complete the researcher's task this time. Hopefully, the knowledge provided by the teacher assembly at the buya Hamka Islamic boarding school can bring benefits to researchers, and hopefully, the knowledge provided can bring blessings. This research was carried out at the rapid cottage, Prof.Dr. Hamka Maninjau uses descriptive-qualitative research methods. Before the researcher conducts research in the field or in the school, the researcher also prepares an instrument in the form of a questionnaire the researcher uses to find out how students' perspectives on Digital-Based Online Presentation Media improve students' language skills during a pandemic as for the important points that researchers use in the questionnaire, namely: is it important for Digital-Based Online Presentation Media among students? Is it influential digital-based online presentation media to improve the language of students? What are the difficulties experienced by students in using this digital-based online presentation media? The responses submitted by researchers to the research questionnaire are a. very important, b. important, c. unimportant, a. very influential, b. influential, c. no effect, a. difficulty in understanding the material, b. lack of material in the presentation, c. lack of media that can be used. And so on. From the answers given, researchers can find out what students feel while using online-based media. When the researcher uses the research questionnaire as an instrument, the researcher does not immediately go into the field, but the researcher uses Google form as an intermediary in conducting research.

As we know, Google Forms is a tool that allows us to collect information from users through personalized surveys and quizzes. The information is then collected and automatically linked to the spreadsheet. The table is full of voices and quiz answers. The Forms service has been updated several times over the years. New features include menu search, random questions in random order, answer limits for one answer per person, short URLs, customizable themes, auto-generation of suggested answers when creating forms, and include, but are not limited to, upload to, option Upload For users who answer questions that require sharing content or files on your computer or Google Drive. The upload feature is only available from GSuite. In October 2014, Google introduced the Google Forms add-on. This will allow third-party developers to create new tools to improve the functionality of the survey. In July 2017, Google Forms was updated with several new features. Intelligent Response Validation can recognize text entries in form fields, identify what you type, and prompt users to correct information if entered incorrectly. Depending on your Google Drive file sharing settings, users can request file uploads from their respective external users. The storage limit is initially set to 1 GB and can change to 1 TB. The new checkbox allows you to get answers from multiple choices in the table. The setting allows users to make changes that affect all new forms and always collect email addresses.

In this study, the researcher conducted interview results from online-based presentation media applied at the prof. Islamic boarding school. Dr Hamka reviewed how they carried out the learning process on Arabic teaching materials. and the method used by the researcher is student and teacher interviews to find out how influential digital-based online presentation media learning is if applied to Arabic language

learning, and the subjection taken by the researcher is a class VIII MTS student of the prof Islamic boarding school. Dr Hamka maninjau. And here, researchers look at how much influence the learning used is through the student's semester report card score.

MATA PELAJARAN : bahasa Arab SEMESTER : GANJIL  
 KELAS : XI IIS TAHUN PELAJARAN : 2020/2021

NOMOR		NAMA SISWA	KKM	PENGETAHUAN	KETRAMPILAN	SIKAP	PAS
URUT	INDUK			Skor Akhir	Skor Akhir	Huruf Akhir	NILAI PAS
1		Ahmad Fajar	75	78	79	b	79
2		Ahmad Kahfi Al Husaini	75	83	80	b	85
3		Aldi Trianto	75	77	77	b	78
4		M. Adi Verdiansyah	75	77	75	b	75
5		M. Ulil Albab Alfian Khoirur Rozikin	75	76	75	c	75
6		Mubarak Fajarudin Haikal	75	75	75	b	78
7		Muhammad Muhazrin	75	75	75	c	79
8		Muhammad Rizki	75	75	75	b	77
9		Muhammad Syafi'ur Rohman	75	80	80	b	82
10		Revin Fajariyatul Chuzairoh	75	86	84	b	86
11		Rifan Arya Yoga Tama	75	79	79	b	79
12		Rismawati	75	87	84	b	89
13		Sal Sabilla Inayatur Robbany	75	82	81	b	82
14		Muhammad Riswandi Iman	75	78	77	b	78
15		Muhammad Yusuf Efendi	75	75	75	c	75

From the results of the semester's grades, it can be seen that the grades obtained by the students of class VIII and the Islamic boarding school Prof. Dr Hamka reviewed the learning of the Arabic language were not good. There are 13 male students and two female students in the table above. In the table above, we can see that only five students get a score of 80 and above, and only ten people get a score of 70 and above. The grades listed above are the combined scores of assignment scores, midterm exam scores, and end-of-term exam scores. In the assignment value, the teacher assesses a student from the student's activeness in following the learning process and the results of the tasks given by the teacher. Midterm exam scores are obtained with the results of exams that have been carried out orally or in writing to strengthen the materials that have been taught for half a semester. The final semester exam scores are obtained from the results of the exams held at the end of the semester on a scheduled basis without any other activities. Some students in the process of learning Arabic that has been carried out in the past semester have had difficulty learning Arabic. Some students are constrained in speaking, writing, reading, and listening skills which are important in mastering the Arabic language. Most of the problems that students face in learning this Arabic language are the use and memorization of mufradat or vocabulary of the Arabic language.

Where in muphrodad or vocabulary it is an important point in improving the language of students to be better and more optimal in applying the use of their language, because if they master more muphrodad or vocabulary students can more easily master Arabic can also facilitate students in Arabic, therefore researchers want to make it easier for students to access and facilitate students in using digital-based online presentation media.

The purpose of this study is to find out how students' perception of digital-based online presentation media improves students' language skills. Therefore, the important point that researchers get in this study, digital-based online presentation media can have an influence on students' language skills, where the role of an educator can provide motivation and support to his students in using Digital-Based Online Presentation media in Improving The Language Skills of Students where this virtual learning uses media as a tool in learning in this online system has an impact on students and educators. When an institution uses a medium in learning, it already illustrates that the institution has carried out the learning process according to technological developments. Through technology, educators can also develop the potential they have related to learning media; when using media in learning also has a lack in it, where these shortcomings can be controlled by an educator.

This analysis is related to Digital-Based Online Presentation Media in Improving Students' Language Skills. It can be measured with 19 student respondents at the Islamic boarding school Prof.Dr Hamka reviewed five questions so that the following results were obtained:

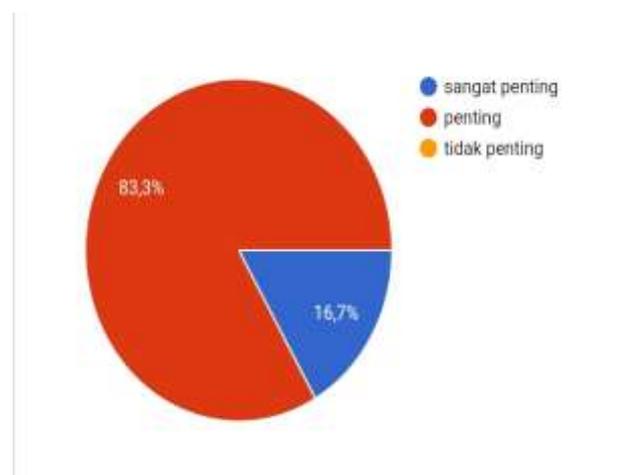


Figure 1. is digital-based online presentation media important among students?

The picture above shows that 83% say that digital-based online presentation media is important among students, and 16.7% say it is very important, especially during the current pandemic. This media is one of the intermediaries for tools in the learning process for educators and students so that learning can be achieved optimally. Through this online media, educators can design materials as attractive as possible that can grow students in learning. So that students can play an active role in the learning process. From the explanation above, it can be known that it is very important the existence of digital-based online presentation media.

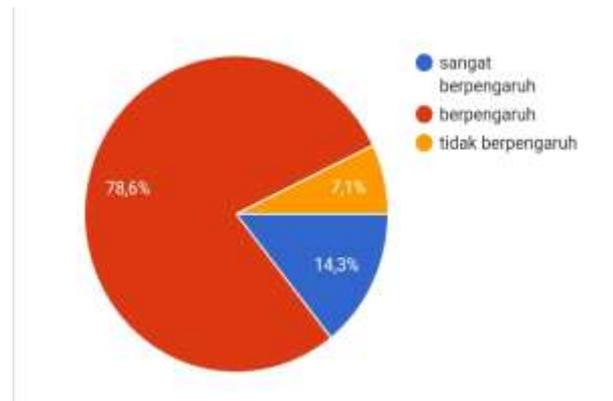


Figure 2. is it influential Digital-Based Online Presentation Media to improve the language of learners?

The picture above shows that 78.6% said that the digital-based online presentation media is very influential in improving the language of students, it can also make it easier for students to understand learning, and 7.1% said that there is no influence of digital-based online presentation media to improve the language of students why is this because they cannot use technological media as a tool in learning. And also, 14.3% said that it is very the authorship of this digitally rated online presentation media among students. Therefore, we must be able to bring great anguish to this education.

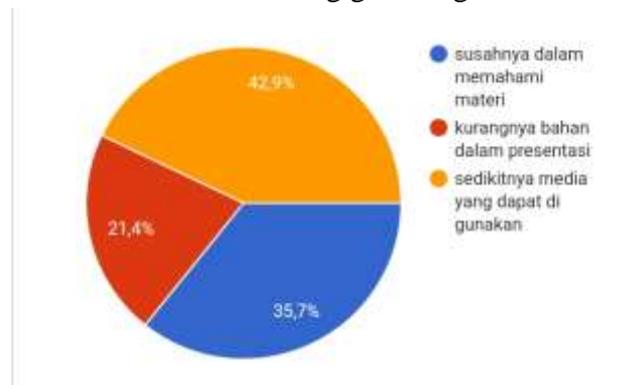
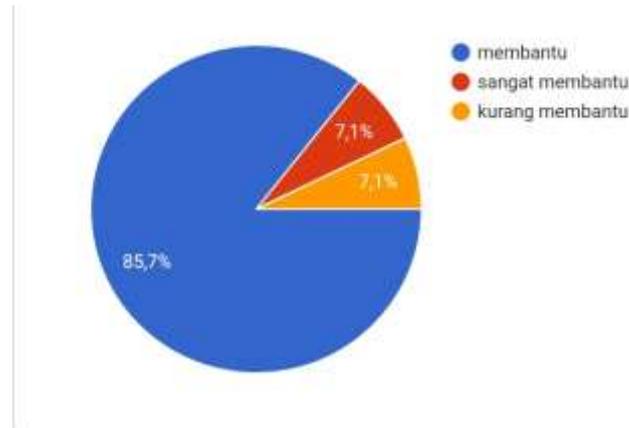
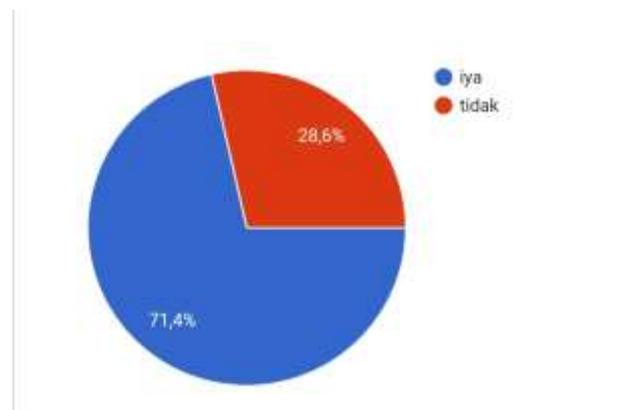


Figure 3. what are the difficulties experienced by students in using this digital-based online presentation media?

The picture above shows that 42.9% of the difficulties experienced by students are at least the media that can be used, while 21.4% of the difficulties of students are the lack of material for this online presentation and 35.7% of students' difficulty in understanding the material or teaching materials. Therefore, we, as creative educators. And can create media related to the material we teach so that students can understand more easily and be happier in the learning process.



From the results of the diagram data above about the effectiveness of using digitally based online media for online learning. 85.7% of students answered helpfully because learning to use online-based media can shorten the time, and also learning online digital-based can provide interesting things such as animated videos and audiovisuals. And 7.1% of students answered very helpfully, and also those who did not help at all, who answered very helpfully that learning digital-based online media can increase their creativity using electronic tools and also add knowledge, and those who answered did not help because using digital-based online media requires a stable network, requires a lot of costs. So the conclusion obtained by the researchers is that using digital-based online learning is suitable for use during the teaching and learning process when there are problems and obstacles for teachers who cannot attend classes face-to-face.



The results of the diagram data above obtained by researchers about the effectiveness of online learning can help them understand learning. 71.4% of students answered that learning is very useful for them because by using digital-based online media, learning can be more accessible and easier to understand because some students also have a lot of interest in this digital-based online media. 28.6% of students answered no because if they use digital-based online media, there are many obstacles they get such as unstable networks, require a lot of costs, insufficient memory capacity or data storage of electronic devices. So, researchers can conclude that students prefer to learn

using digital-based online media because using this research method can make it easier for students to use and access learning even when the situation is less supportive.

From the opinions that researchers get the results of the questionnaire data above that, using digital-based online presentation media can make it easier for students to access all lessons, and we can see that using this method is very suitable for students and other students.

## **CONCLUSION**

Effectiveness in learning is very much needed because the existence of efficiency in learning will allow students to learn pleasantly and easily and be able to achieve learning objectives according to using the goals that have been achieved. Therefore, there must be new innovations in learning using learning and digital-based online presentation media. To improve the language skills of learners, online presentation media still adjusts to the state of the student. One media used is PowerPoint media that has or which has interesting features in online learning during a pandemic. By utilizing all the features in the application, it is hoped that it can design materials as attractively as possible so that readers are also interested in using the presentation media, especially during the COVID-19 period because learning that uses online presentation media is also more in demand and gets more responses from students, both in understanding and interacting with students with educators and students with fellow students. It can be said that using this digital-based online presentation media can facilitate the learning process so that it can run effectively and efficiently.

## **SUGGESTION**

Based on the results of research conducted by previous researchers, researchers realize that there will be shortcomings in research times both from the aspect of authorship and from the aspect of the theory. Therefore, researchers hope that there will be other studies that can refine the shortcomings of this study. So that researchers can find out the shortcomings that researchers do. With this research, researchers can also add insight into knowledge related to the title of this research. Researchers hope that this research can bring benefits to researchers, students at the Islamic boarding school, doctoral professor Hamka Maninjau and UMY Batusangkar students. Hopefully, this research will bring many benefits to readers who access this research.

## **ACKNOWLEDGEMENT**

The researcher said to the school that it had provided a forum and opportunity for researchers to make the buya Hamka Islamic boarding school the object of the researcher's study this time. The researcher also expressed his gratitude to the teacher assembly for providing insight and knowledge to researchers so that researchers could complete the researcher's task this time. Hopefully, the knowledge provided by the teacher assembly at the buya Hamka Islamic boarding school can bring benefits to researchers, and hopefully, the knowledge provided can bring blessings.

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