



Utilization of Google Meet Application as Computer Learning Media during COVID-19 Pandemic

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ABSTRACT

Learning media is very influential in the teaching and learning process during the COVID-19 pandemic, especially in computer subjects. However, there are still many who have knowledge of existing technology, especially in the use of the Google Meet application in learning media, and to make it easier for teachers to carry out computer learning, it is necessary to use the Google Meet application. The purpose of the study was to determine the benefits of the Google Meet application media on computer learning in high school. This research method uses Quantitative methods with survey models. The survey conducted in this study was online-based using the Google Form Platform. The results of this study explain that learning media using the Google Meet application can be used by teachers and students in helping and improving the teaching and learning process of students in computer courses, especially in high school. The conclusion of this study illustrates that the use of the Google Meet Application is very helpful for teachers and students in the atmosphere of the COVID-19 pandemic. The limitation of this study is that researchers only conducted research on the utilization of the Google Meet Application in Computer subjects, researchers hope that future researchers can conduct the same research but develop it in other subjects.

Keywords: COVID-19 Pandemic, Google Meet Application, Learning Media

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INTRODUCTION

During the covid-19 pandemic, the utilization of a medium is very much needed, especially in the world of education, where during the covid-19 pandemic many schools experienced limitations in carrying out the teaching and learning process, so it is very necessary to use learning media to support education during the covid-19 pandemic (Gosal et al., 2019; Park et al., 2021; Saikai et al., 2020).. The utilization of media and learning resources aims to facilitate teachers and students in conducting learning. One form of utilizing learning media is by utilizing the google meet application as a learning medium. Which as is known that the google meet application really helps teachers and students carry out learning during the co-19 pandemic, which at that time was prohibited from conducting face-to-face learning (Bentley University & McCarron, 2021; Vaishnavi et al., 2021). And from some of the relevant research above, it is necessary to have an understanding for teachers and students in using the google meet application so that learning can be carried out properly and smoothly.

Adamya's utilization of the google meet application aims to help teachers and students to avoid the dangers of the covid-19 virus (Bizzoca et al., 2020; Groumpos, 2021; Peña et al., 2021). The use of the Google Meet application which is a distance learning media has the effect of changing the behavior and attitudes of students as well as the learning outcomes of these students (Aristovnik et al., 2020; Peña et al., 2021; Rodríguez-Larrad et al., 2021). According to Howell et al, 2019 explained that this is caused by student boredom in learning because the learning atmosphere tends to use one learning model or method. A pleasant atmosphere and learning process will attract students' interest in learning, it will increase students' understanding in understanding the learning that is being taught by an educator (Howell et al., 2019). It is the responsibility of educators and students to create a comfortable and conducive learning atmosphere when using google meet application media.

Dost et al, 2020 in their article stated that changes in student attitudes in learning are the result of learning (Dost et al., 2020). Meanwhile, Delgado Castillo et al, 2022 state that the learning outcomes can be observed and measured directly, both with practice and with non-training. So that learning outcomes can be seen not only through academics, but also through non-academics. And one of the factors that influence student learning outcomes is learning media (Delgado Castillo et al., 2022). According to Jaelani et al, 2020 and Unik Hanifah Salsabila, 2021 explain that the use of appropriate learning media will provide results which can be seen in student learning outcomes, starting from psychomotor, cognitive and affective learners. The word media is referred to the use of tangible or intangible objects as a support in learning (Jaelani et al., 2020; Unik Hanifah Salsabila, 2021). Learning media is either a Hardware-based device or a Software-based device if the media is used properly and for the benefit of learning.

The main function of learning media is as a tool that supports in delivering messages or material in learning activities. Also, learning media must be tailored to the needs and understanding of students in understanding students in understanding the

material (Banegas, 2018; Chavan & Carter, 2018; Kim & MacCann, 2018). So that by using the appropriate learning media, it will have a good impact on students in understanding learning. In overcoming these problems, the use of learning media is needed, especially for distance learning media in the form of E-learning (Alexandro et al., 2022; Mohzana et al., 2021; Romadhon et al., 2021). E-learning is a distance learning media that uses electronics as a form of the times, where this E-learning media is used by connecting the media to the internet (Atton, 2004; Moreno-Guerrero et al., 2020; Ting et al., 2020). So that students and teachers get a wide range of learning and make it easier to find and provide learning information that is being implemented.

One of the E-Learning learning media is google meet application. google meet is an application that can be used on various platforms such as android, windows and ios. Google meet is an application that makes it easy between teachers and students to carry out the learning process without having to meet directly or face-to-face (Capper et al., 2018; Gui et al., 2018; Li et al., 2018; Martin & Bolliger, 2018). This application helps students and teachers carry out learning in the midst of the covid-19 pandemic. The application is very helpful, this can be done because this application can display learning materials both in the form of videos and in the form of files, because this application provides these features. This application is very easy to use, because to start a learning forum only requires a permission code that the admin will share with members. Also the admin can organize, restrict or anything else so that the meeting is safe and secure.

In using the application, an internet quota is required, with which teachers and students, although separated, can meet (Ermawati et al., 2020; Widodo & Nursaptini, 2020). Haryadi and Silviani explained that this application allows teachers and students to continue to carry out virtual learning activities without having to come to school, it can be done with a teacher or student connected to the internet network, so that they carry out teaching and learning activities during the covid-19 pandemic (Haryadi & Selviani, 2021; Pratama & Mulyati, 2020; Puspitorini, 2020; Syachtiyani & Trisnawati, 2021). The advantage of this device is that a teacher can see the faces of his students, which means that the teacher can see which students are serious about learning and who are not serious. Furthermore, the teacher can also display learning materials because Google Meet has a show material feature that can be seen by students, which makes it easier for students to understand the material.

However, of the many advantages that exist above, for computer learning, google meet media can be used effectively (Bernabeu-Bautista et al., 2022; Mu'azah Md. Aziz et al., 2022). Because this computer learning must be done directly, this is because computer learning is learning that concerns one's faith. For this reason, there is a need for direct learning media or face-to-face. Because it can be as long as learning computers through google meet media, students can be wrong in understanding learning which can provide a doubtful understanding which can have an impact on a student's faith (Aristovnik et al., 2020; Ayyoubzadeh et al., 2020; Chakraborty et al., 2020; Esposito & Principi, 2020). However, if a teacher can condition this by providing more

understanding to students and also by providing appropriate examples, the previously mentioned things can be overcome.

From some of the explanations of the relevant research above, it can be concluded that learning *akidah akhlak* using the google meet application media is a form of method or media used in learning during the covid-19 pandemic, during this pandemic requires all teachers and students to maintain distance and independent isolation because this is done in an effort to prevent transmission of the covid-19 virus. Because of this, the learning process which was originally carried out face-to-face in the classroom became distance learning which was carried out at home. The implementation of this distance learning greatly affects the learning model, especially in computer subjects. As is known, computer subjects are one of the main lessons for madrasa students, where this lesson must be explained explicitly because it is related to the creed of a student. Teachers must explain this learning clearly and firmly both directly and through online learning media.

RESEARCH METHODOLOGY

The method used to examine the utilization of the google meet application as a computer learning media during the covid-19 pandemic is a quantitative method (Apriliawati, 2020; Firmansyah et al., 2021; Tandi et al., 2020; Yulianty & Jufri, 2020). The purpose of this method is to determine the extent of utilization of the google meet application as a computer learning media during the co-19 pandemic. This research was conducted at one of the Senior High Schools in Padang Panjang. This research was chosen because many students complained about learning by using google meet media. This is because the google meet used by teachers and students is very burdensome, especially in terms of internet quota. The google meet application is complained about because of the use of internet quotas that are too large every time the teaching and learning process is held. Many students object to using the google meet application as a learning medium.

The source of this research comes from teachers and students or students at the school, namely by filling out an online-based questionnaire that researchers will distribute (Kurniasari et al., 2020; Permata & Bhakti, 2020). Therefore, it can be seen the response of students in utilizing the google meet application as a computer learning media during the co-19 pandemic. Here the teacher must be able to respond to the behavior of students who are not serious and lazy during learning, and also the teacher must get support from the school so that a teacher is not overburdened by student behavior. Teachers must also cooperate with parents, where parents at home must also monitor their children when learning is taking place. Parents have a full obligation to their children during online learning during the pandemic. Parents must monitor their children during online learning to create conducive learning.

The results of the data that has been collected through a survey that has been distributed through an online-based questionnaire, will be described in the results and discussion. Here the researcher hopes that the reader will give a good response about the

utilization of the google meet application as a learning media for the covid-19 pandemic computer. Before educators and students fill out the questionnaire, researchers have also asked several questions and have been guided by expert lecturers in the field of media literacy. Suggestions and criticisms from validators are used by researchers as a basis, reference, and guideline for providing descriptions of questions in the questionnaires that researchers distribute in order to get a good response at the research site. The questions that researchers ask are related to the utilization of the Google Meet application as a computer learning media that can help teachers and students in dealing with problems that occur in the world of education during the Covid-19 pandemic.

RESULT AND DISCUSSION

This research is a research conducted using quantitative methods, namely methods carried out by distributing surveys through questionnaires distributed using the google form media platform, where this google form is filled with several questions related to the utilization of the google meet application as a computer learning media during the co-19 pandemic. During this pandemic, there is a great need for learning media that can connect students with teachers during this pandemic. This utilization is done to make it easier for educators and students to carry out learning, especially in computer learning. As is known, computer learning is one of the compulsory lessons found in high schools, during this pandemic there are several opinions of students about the use of this google meet application as a computer learning media during this covid-19 pandemic.

After research conducted with quantitative methods, researchers have obtained surveys from educators and students who have been studied. Survey results have been obtained in research conducted on the utilization of the google meet application as a computer learning media during the covid-19 pandemic. This media is also analyzed to determine the extent to which it is used and utilized effectively and optimally. And from the results of the data obtained, it can be seen and concluded that with the existence of internet-based technology using the Google Meet application as a computer learning media as a means of supporting distance learning, this is very helpful for students in accessing learning, especially in computer learning. And by running this media as a learning support, the High School has provided monitoring in the aspect of its utilization for its utilization for learning during distance learning, but with that requires the development of features by the High School in order to provide access to approaches to students for the utilization of Google Meet as a computer learning media.

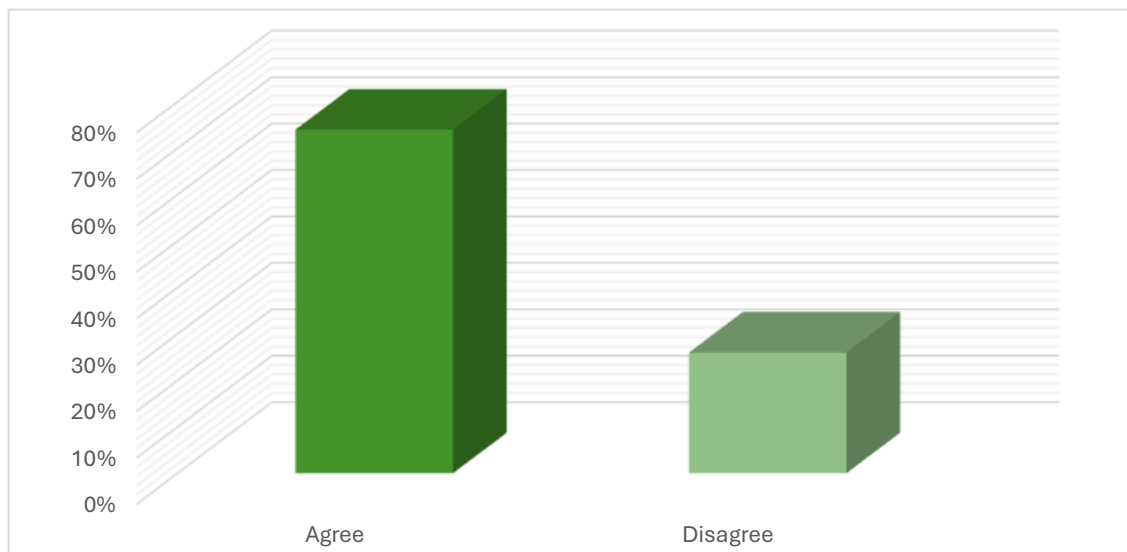


Figure 1. Google Meet application in Computer learning is very helpful during the COVID-19 pandemic

From the distribution of questionnaires conducted by researchers to educators and students in high schools, the results and responses from the survey were 19 out of 29 people agreed that the use of the Google Meet application as a computer learning media during the Covid-19 pandemic was very helpful. Because according to the teachers and students, the use of the Google Meet application during the Covid-19 pandemic was very helpful, especially when there were regulations requiring Indonesian citizens to be sent home, this forced distance learning to occur, because of this they strongly agree that the use of the Google Meet application is very helpful for them. Meanwhile, 10 out of 29 people disagree because in their opinion the use of the google meet application does not help at all, according to them Computer learning through google meet media makes them completely unaware of what the educator teaches about the material being taught.

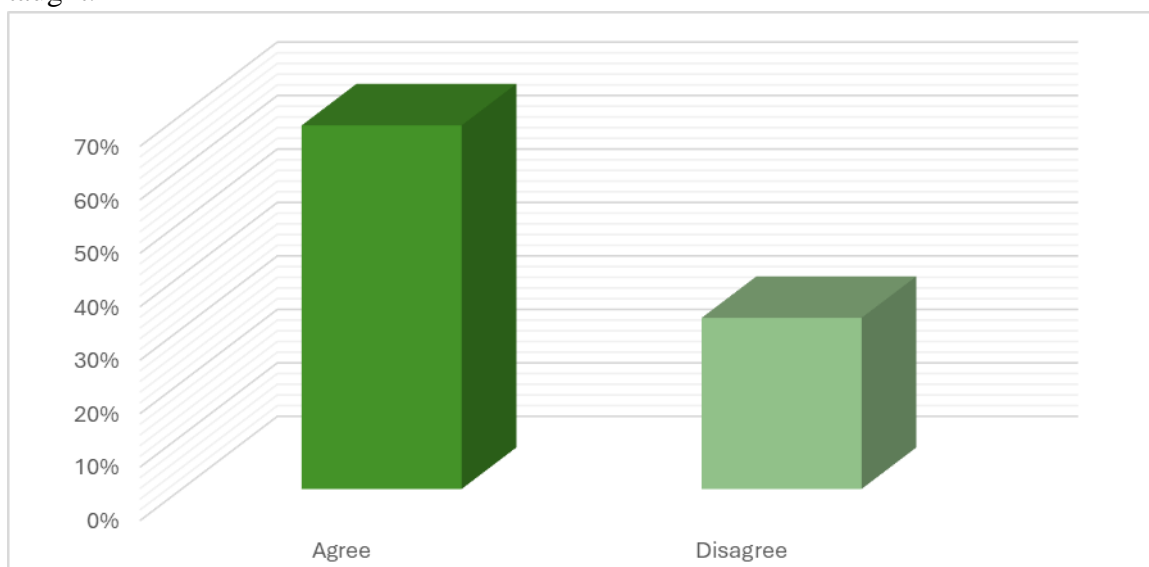


Figure 2. Google Meet application in Computer learning makes it easier for teachers to deliver the material taught.

From research conducted by researchers on whether the Google Meet application makes it easier for teachers to deliver computer material. And it is known that 34 out of 50 agree that this google meet application is very helpful for teachers because during the covid-19 pandemic it prohibits direct learning or what is usually done in front of the class because of the potential for virus transmission, and this is what makes this google meet application very helpful for teachers in delivering computer learning material. In contrast to the other 16 people who disagree with this, because the use of this application according to them does help teachers, but because of some other kendaa and limitations it does not help at all, but becomes a separate obstacle for them such as the use of google meet which requires a large internet quota and also requires a good network in order to display good videos.

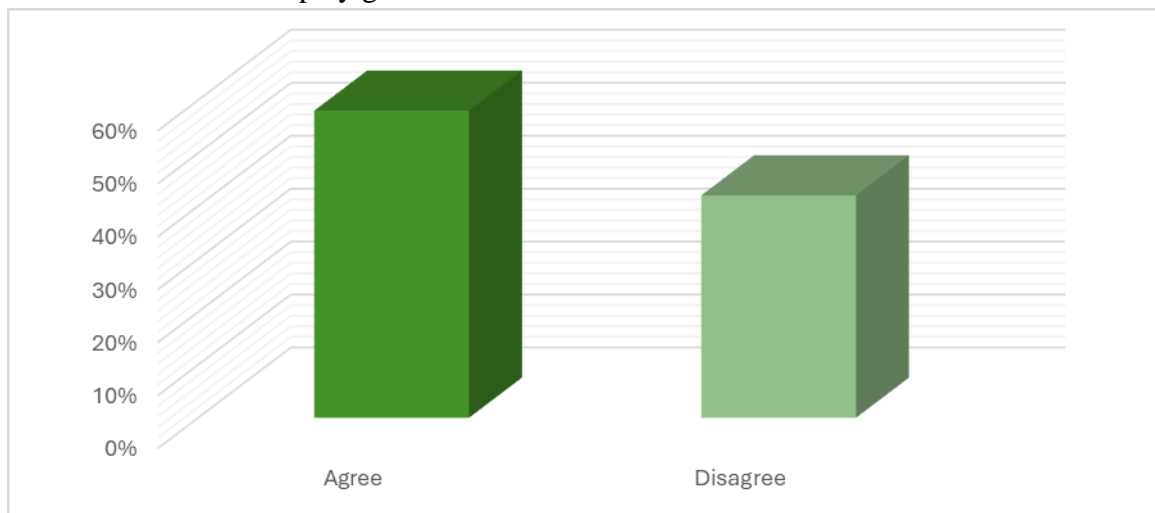


Figure 3. Google meet application makes students lazy in learning computers

From research conducted by researchers about the Google Meet application making students lazy to learn computers. And it is known that 29 out of 50 students agree that this google meet application can make students lazy in learning Computers this is due to the stay at home policy which requires educators and students to always be at home. And because of this, it also makes students' movements more limited, as a result of which these students begin to become lazy, which in turn makes students lazy, which in turn has an impact on the learning process, especially in computer learning subjects. Furthermore, 21 out of 50 people reject this opinion because the google meet application helps the learning process during this pandemic, instead of making these students lazy in learning. Because learning through google meet media, students feel less monitored by the teacher which makes students feel free, whether they study seriously or not, these students feel they will not be scolded because they feel less monitored.

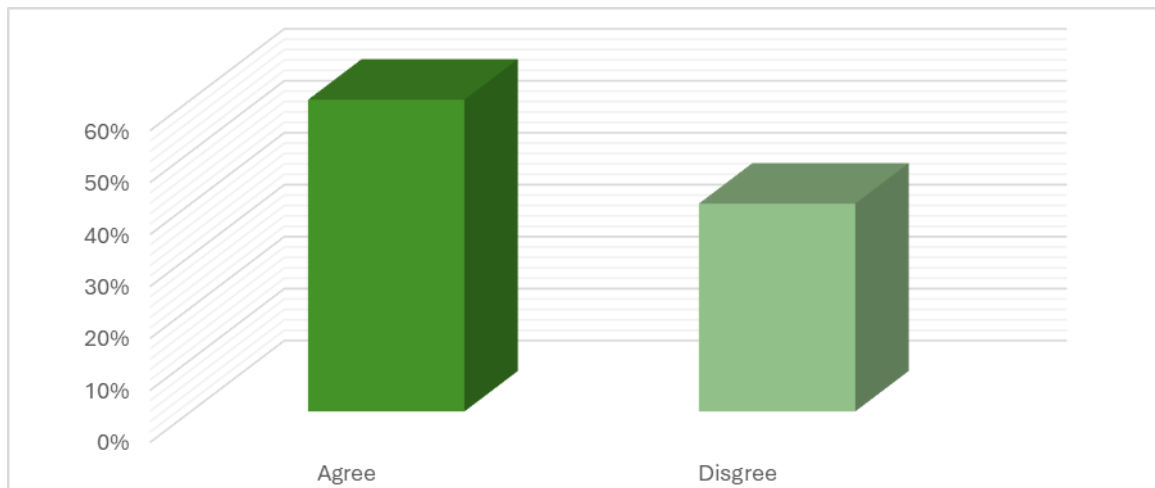


Figure 4. Google meet application is very good if used as a medium of learning Computer

From research conducted by researchers about the google meet application is very good if used as a computer learning media. And it is known that 30 out of 50 students agree because in their opinion this application is very helpful if used as a computer learning media, this is because this application can make it easier for students to follow computer learning taught by an educator either under any circumstances or wherever students can still follow computer learning. Another case with 20 out of 50 other people where they disagree because this learning is one of the main lessons in religious studies, therefore this computer lesson must be taught directly or face-to-face. Computer learning needs to be taught directly so that students can understand computer learning material thoroughly and directly and so that students are not mistaken in understanding learning material.

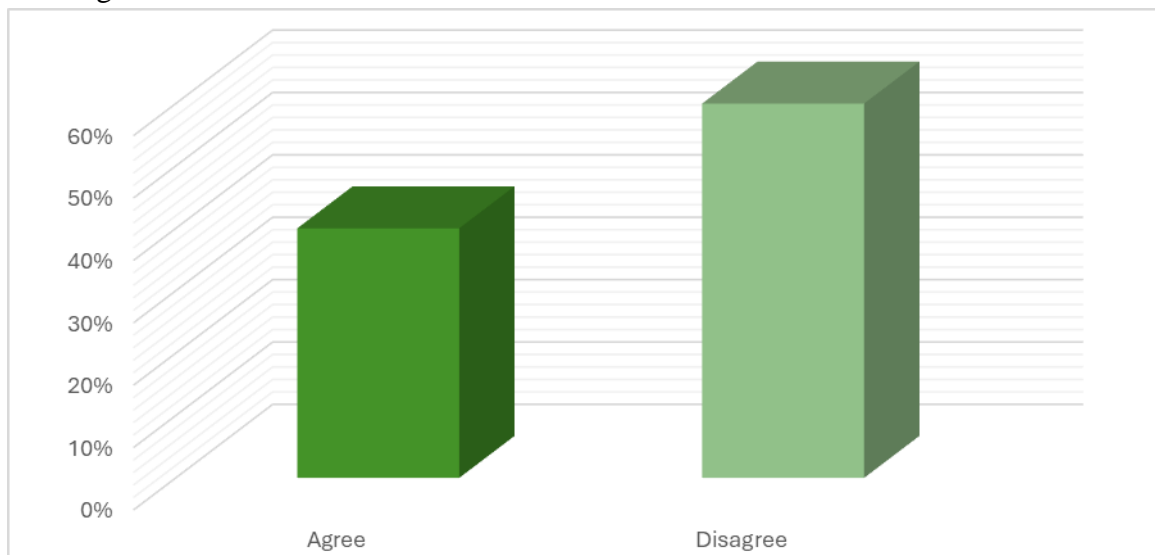


Figure 5. Students really understand computer learning material through google meet application media

From the research conducted by researchers on whether students really understand computer learning material through the google meet application media. As it is known that there are 20 out of 50 people who agree. According to these students, understanding

material through media taught through digital media really helps them understand computer learning. And it can be ascertained that they really understand learning through visual learning methods. And there are 30 out of 50 people who disagree with this opinion because understanding computer learning requires direct explanation from the teacher concerned. Because this learning has a fairly broad scope, this requires the teacher to explain this learning in detail which is related to the computer material itself. This condition requires the teacher to be responsible for explaining this computer learning directly.

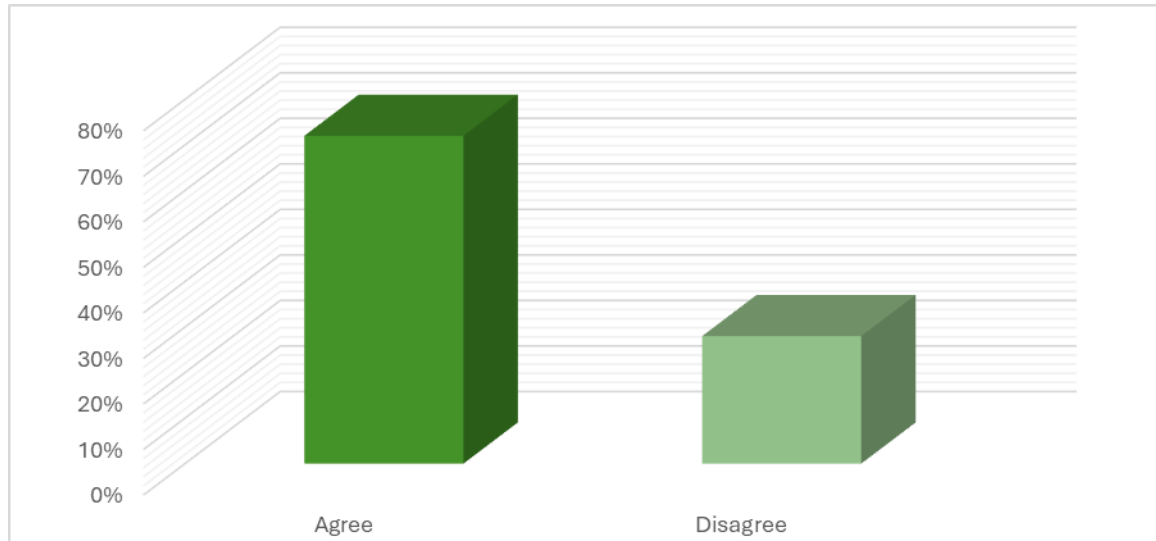


Figure 5. The google meet application in learning tends to make students and teachers bored because it only relies on one learning method.

From research conducted by researchers about the Google Meet application in learning tends to be boring because it only uses one learning method. It can be seen that 36 out of 50 people agree because from the results that the researchers have collected, it can be concluded that learning carried out with online media, one of which is Google Meet, will be boring, especially for these students. This is because students are only required to stare at the cellphone screen or computer monitor, which can accelerate fatigue in the eye organs. And because of that, it makes students sleepy and lose focus on the learning. And 24 out of 50 people disagree, because boredom when doing learning through google meet media can be anticipated by doing small activities such as small movements to stretch limbs or so on. These activities are carried out so that students do not feel bored with the learning that is being carried out.

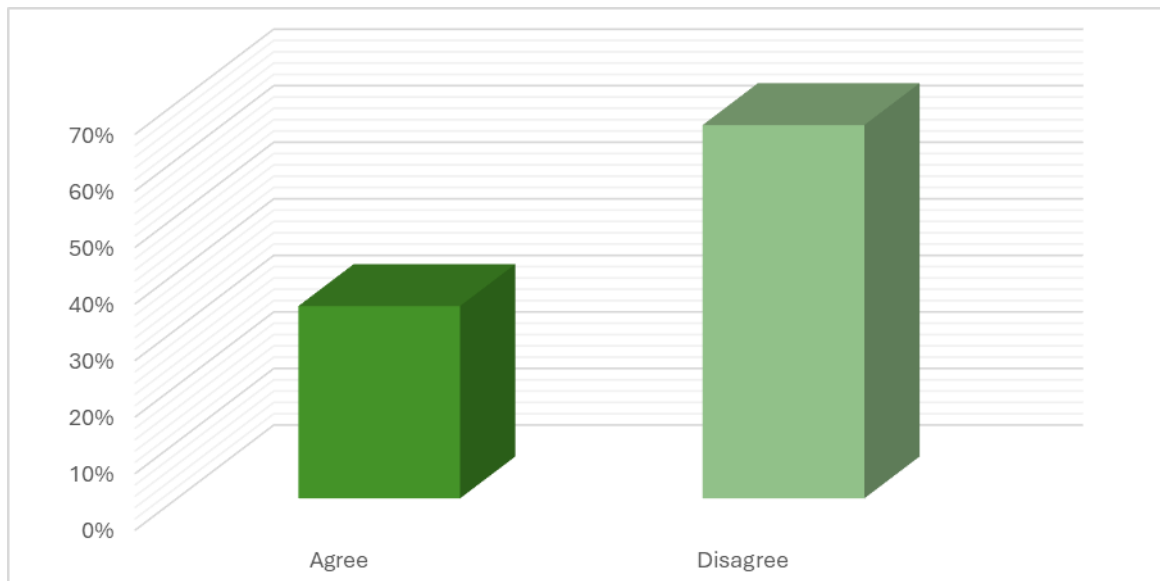


Figure 7. All computer learning materials delivered through google meet media are easily digested and understood by students.

From research conducted by researchers about all computer learning materials delivered through google meet media are easily digested and understood by students. Here the results show that only 17 people agree while 33 others disagree. According to those who agree, it indicates that he can understand learning with visual learning methods. Another case with students who have to use the lecture method directly, according to them the use of the Google Meet application is not very helpful at all, according to them learning through the media is very difficult to understand and digest, especially if the user has a bad network. This makes it more difficult for students to understand the learning, this is also a complaint for students in carrying out online learning and it is evenly distributed among students. Demian is also an educator's effort so that indirect learning is carried out in a conditioned manner despite the existing constraints.

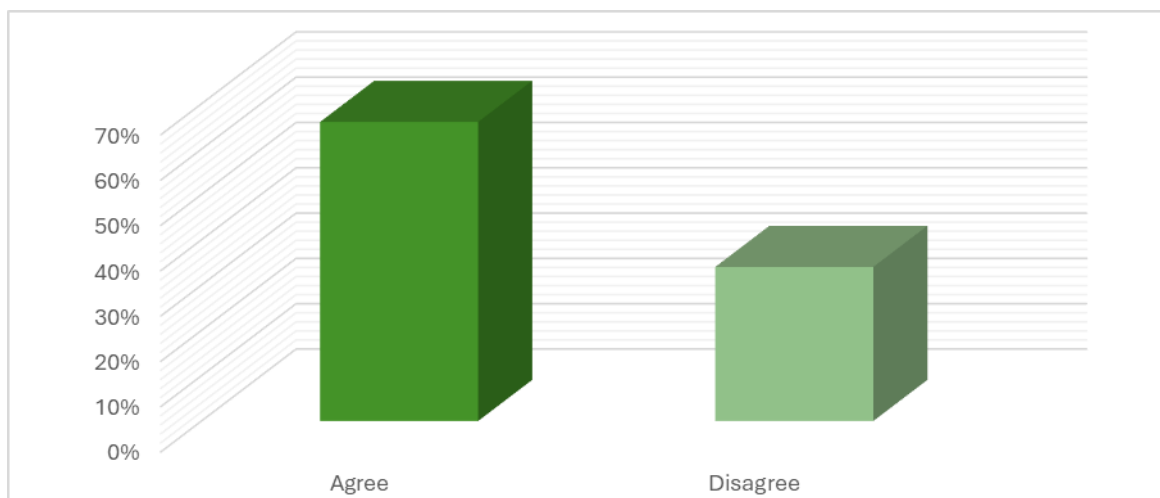


Figure 8. The google meet application makes it easier for students to achieve the objectives of Computer learning

From research conducted by researchers on the Google Meet application makes it easier for students to achieve the goals of computer learning. Here the results show that 33 out of 50 people agree with this opinion, because with this google meet media students and it will be easier to achieve the goals of Computer learning. Especially during this pandemic which makes it difficult for students and teachers to achieve the goals of learning, which is caused by restrictions on student movement which requires students and teachers to teach from home. And with the google meet application, it is very easy for both students and teachers to achieve the goals of computer learning. And 17 out of 50 other people disagree because they think that the Google Meet application does not help at all in achieving computer learning objectives. Demiakian this is because learning through google meet media is not effective at all, especially computer learning.

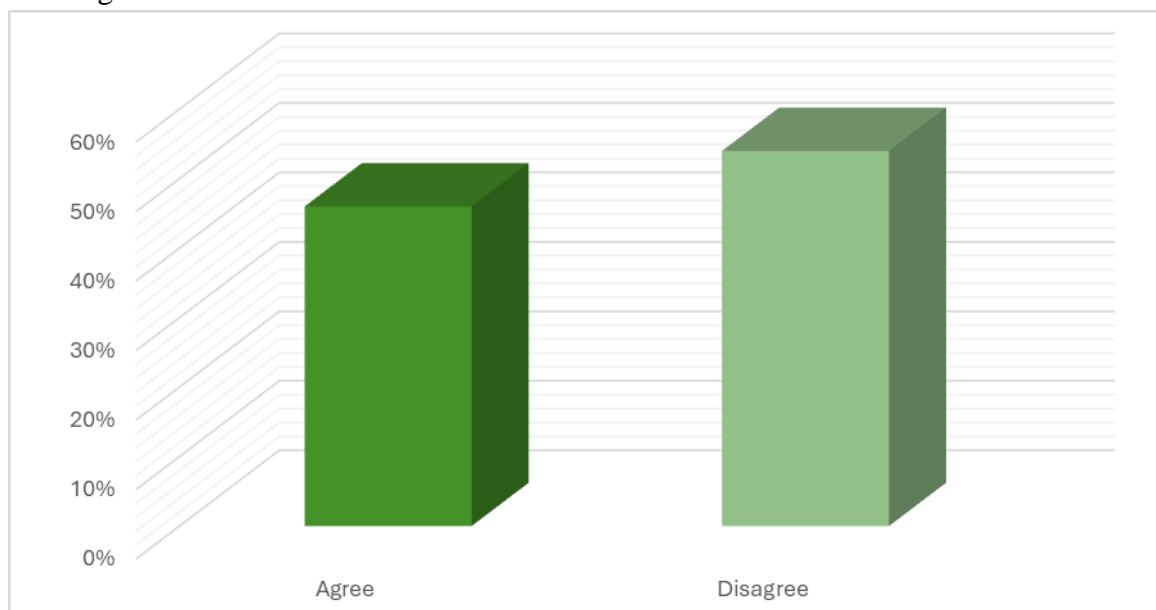


Figure 9. Google meet in learning media Computers can make students misunderstand what the teacher is teaching

From research conducted by researchers about Google Meet in Computer learning media can make students misunderstand what the teacher teaches. Here the results obtained are 27 out of 50 people disagree with this opinion, because this learning through Google Meet media can be understood, this is because Google Meet media is not much different from learning and explaining in front of the class, the only difference between the two is the location of the learning. If you usually study in class then during this pandemic students and teachers do distance learning or at their respective homes. And 23 out of 50 other people agree because not all computer learning materials can be explained through google meet media. Regarding things whose context is more specific in scope, it must be carried out directly or by face-to-face directly. The goal is that students can understand computer learning in detail again.

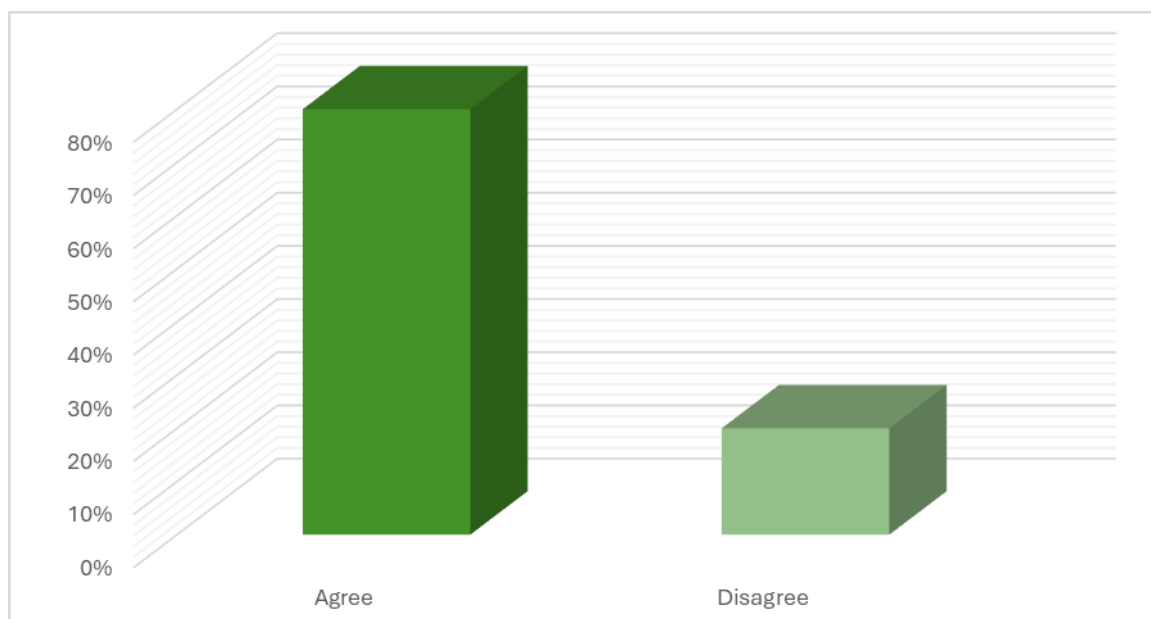


Figure 10. Learning media with the google meet application can help teachers in adding lesson hours or material that is left behind due to an obstacle.

From the research conducted by researchers on learning media, the google meet application can help teachers in adding lesson hours or material that is left behind due to obstacles. Here it is found that there are 40 out of 50 people who agree because, the use of this google meet application really helps students, especially teachers, in catching up with lessons due to certain unexpected obstacles. And with this application it really helps students and teachers catch up. And because of this, many feel helped by the existence of this google meet application in catching up. And there are 10 out of 50 students, who according to them this application is not at all helped by the existence of this application in catching up with learning, especially in computer learning. Based on the results of existing research, the use of google meet as a medium for changing lesson hours is less effective because it could be that at the time of changing the lesson hours there are some students who are lazy because they use the google meet application.

Opinions that say they agree feel that the use of the google meet application is very helpful in carrying out learning akdah akhlak during this pandemic. They really need the google meet application, especially for educators and students. The use of this application by educators makes it very easy for them to do or deliver learning materials, especially in the field of computer subjects. Computer learning is a subject that is taught at the high school level. This lesson teaches about tawhid and also beliefs that are related to one's beliefs and faith. It is very important that this lesson is still taught even during the covid-19 pandemic which is to maintain the faith of a student during this pandemic and also give students advice that this pandemic is a test dayng given by Allah to his servants, so that a servant maintains his faith.

On the other hand, there are those who do not approve of using the Google meet application as a computer learning media. The Google Meet application is an application that can easily help someone in carrying out a meeting forum remotely, but this application has several obstacles in the form of using a large enough internet quota

and a stable internet network which is a complaint for users of this application. As a general example, students who carry out learning with google meet media during this pandemic have complaints, especially for students who come from middle to lower class communities. This complaint arises because of the high price of internet quota that must be issued and for those who are still far from urban areas, they are very difficult because of the internet network which makes their videos on google meet very ugly and experience errors due to these network constraints

CONCLUSION

The utilization of the google meet application as a computer learning media during the covid-19 pandemic is useful, namely to help teachers and students in carrying out computer learning. This is because during the covid-19 pandemic, students and teachers experienced limitations in carrying out a lesson directly or could not carry out the lesson at all because of these limitations. And because of this, the utilization of this google meet application is very much needed. because with the google meet application students and teachers can do learning from a very far distance. And this really helps students and teachers in carrying out learning, especially in computer learning. Because learning with the google meet application really helps them in carrying out learning. Thus the google meet application is very much needed in carrying out online learning or long distance.

But in learning with this google meet-based media in learning Computers gets several opinions where some agree and some disagree. Which is in accordance with several opinions that have been obtained. And in the opinion of those who agree that the use of this google meet application is very helpful in carrying out computer learning, especially during this pandemic. Due to the limitations in conducting learning due to the stay home rule from the government which is to limit the spread of the corona virus. According to those who disagree because the use of the Google Meet application is very burdensome for students because the application uses a large enough internet quota, and also during this pandemic the financial condition of the parents of students is quite deprived because of the regulations to stay at home. Especially with the existence of regulations that require people to stay at home, which makes the economy of parents of students even worse.

ACKNOWLEDGEMENT

After observations and surveys that researchers have conducted about the utilization of the Google Meet application as a computer learning media during the Covid-19 pandemic, they have obtained maximum results on the form and views of the utilization of the Google Meet application as a computer learning media during the Covid-19 pandemic. Here the researcher realizes that only conducting research on the use of the Google Meet application as a computer learning media during the Covid-19 pandemic is not carried out as a whole, so here the researcher really needs criticism and suggestions from readers or respondents so that researchers can be better in the future.

To further researchers so that they can further maximize the use of the Google Meet application as a learning media for a wider range, especially research conducted at the provincial level and further researchers so that they can further expand the research theme for the future.

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