

The Utilization of Android-Based Learning Media At Madrasah Ibtidaiyah (MI) Bahrul Ulum Jombang

Machnunah Ani zulfah^{1*}, Soffy Mauladani²

^{1,2}Islamic Education, Universitas KH. A. Wahab Hasbullah

*Email: machnunah313@unwaha.ac.id

ABSTRACT

The use of android mobile phones at MI Bahrul Ulum Tambakberas Jombang aims to support the learning of Islamic religious education and find out what are the obstacles and how to overcome these obstacles in order to achieve maximum learning achievement. The formulation of this research: First, how is the use of Android mobile phones as a support for learning fiqh education for students of MI Bahrul Ulum Tambakberas Jombang? Second, what are the constraint factors in using Android mobile phones as a support for learning fiqh education for students at MI Bahrul Ulum Tambakberas Jombang? This study aims to obtain answers about the use of android mobile phones in MI Bahrul Ulum Tambakberas, North Jombang as well as the inhibiting factors and how to overcome the inhibiting factors in the use of the android mobile phone itself. The qualitative approach used is descriptive and interactive method with observation, documentation, and interview techniques. The results of this study indicate that before the implementation of the Android mobile phone utilization program, the condition of student achievement was still far from what was expected. After the application of the program on the use of Android phones proved different results, it was easier for students to access school assignments because on Android phones students could easily access anything via the internet and student achievement increased. The inhibiting factor is the difficulty of the internet network when the weather is bad.

Keywords: Utilization, Android Phone, Learning Support

INTRODUCTION

The era of globalization has hit in all aspects of life, especially aspects of technology. In recent years technology has been much more sophisticated and has continued to develop compared to a few years ago. These technological developments can be felt in various fields ranging from transportation to electronic communication in cyberspace (Lilawati, 2019). The development of science and technology which has an influence on the entire order of life globally and there is a paradigm shift or way of thinking in dealing with various phenomena including patterns of thought related to education, humans in this era of technological globalization should be more active in utilizing technology by getting used to it (Ismail et al, 2019). Read the latest things or news that is popular and look for references needed through today's technology media. Reading is a skill that is acquired after a person is born, not an innate skill that can be developed, nurtured and nurtured through teaching and learning activities. Since the educational environment actually acts as a very strategic basis for developing reading activities, reading activities should be a daily routine activity for the scientific and educational community to obtain knowledge or information. (Periyeti, 2017) Because through reading we can find out something either directly or indirectly and by reading we can also exchange information either through correspondence or using other electronic media (Meishanti, 2019).

The learning objectives to be achieved must pay attention to the supporting factors. One of these factors is the availability of learning resources. Learning resources are a component of learning activities that allow individuals to acquire knowledge, abilities, attitudes, beliefs, emotions and feelings. Learning resources provide learning experiences and without learning resources it is impossible to carry out the learning process properly. In short, learning resources can be formulated as something that can be used to support and facilitate the learning process. (Syarifuddin, 2014)

There are actually a lot of learning support sources everywhere, not only in books or in magazines, even in the era of sophisticated technology, we can easily get learning support sources through Android phones, in Android phones either in use as learning support or as a means to make it easier to communicate. . It is different with books that can only be found in libraries or in bookstores, and even then there are still many students who complain because it is difficult to find the desired book and the lack of facilities to make it easier to find the desired book, with android cellphones we can find books, journals, references, news , etc. very easily, quickly and efficiently without having to spend a long time. Therefore, learning resources are anything that can be used as a place where teaching materials are available or origin for someone's learning.

Android cellphones are very useful for humans, both adults, adolescents, and even children, because Android cellphones can be used in a positive form as it is used to access the internet where the internet is accessed using an Android cellphone which aims to extract information, school assignments, references, journals, and so on. Therefore, humans cannot be far from Android cellphones because Android cellphones today can be interpreted as daily necessities. Almost all students at school bring Android and use it in a positive way, namely looking for school assignments.

Education is an effective means of supporting the development and enhancement of human resources towards a more positive direction. The progress of a nation depends on quality human resources, which is very much determined by the existence of education. As has been written in Law number 20 of 2003 concerning the National Education System. As a learning support source, currently the Covid19 pandemic which is affected by the world of education requires sophisticated technology, nowadays learning support sources can be easily obtained through Android phones, in Android phones both in use as learning support or as a means to facilitate communication. The use of android mobile phones itself is expected to be a learning support supplement for students at Madrasah Ibtidaiyah (MI) Bahrul Ulum Tambakberas Jombang to increase learning motivation and learning achievement in Islamic religious education in particular, and other subjects in general.

METHOD

This qualitative research was conducted because the researcher wanted to explore unquantifiable phenomena that were descriptive in nature such as the process of a work step, the formula for a recipe, the notion of a diverse concept, the characteristics of a good and service, pictures, styles, arrangements. way of a culture and so on. Qualitative research is research that is carried out repeatedly on the same research until objective, valid and consistent information is determined. (Sugiyono, 2015) According to Moleong (2013: 6) qualitative research is research that is intended to understand the phenomena experienced by research subjects such as behavior, motivation, action and others. Holistically and by means of description in the form of words and language, in a specific natural context and by making use of various scientific methods. Qualitative research pays attention to scientific data, data in relation to the context in which it exists.

Sources of data in this study are key informants, as key informants in this study are the principal, curriculum representatives and students at MI Bahrul Ulum Tambakberas Jombang and places and events, which include socialization and interaction processes with students in the educational process in MI Bahrul Ulum Tambakberas Jombang. Documents, documents are records of events that are already valid. as a form of writing, drawing, or a monumental work of someone. Meanwhile, according to arifudin, the documentary method or technique is a technique of collecting data and information through searching and finding evidence. (Arifin, 2012) The study of documents in this study was carried out by examining documents that are related to the use of android cellphones as learning support, for example, the use of android cellphones which are used to find assignments given by the teacher, and other relevant data in this study.

RESULT AND DISCUSSION

Result

Research data at MI Bahrul Ulum Tambakberas Jombang begins with Madrasah policies related to current conditions, namely conditions in which all areas of education are affected by the spread of the Covid19 virus. With the existence of Covid19, the entire world of education is also affected, so with this government policy prohibits gargling. With that, the government took a policy in the world of education to carry out the online learning process, so with this policy the school responded immediately to socialize it to the parents of students through the existing WhatsApp group. So according to the existing title, the

researcher multiplied the first data from the results of the interview with the Head of Madrasah who was represented by the Waka Curriculum, Mr. Moh. Ismunandirin, S.Pd, by means of telephone researchers interviewed about the condition of madrasah using Android Mobile as a support for student learning, he said, "yes we are holding online learning. For online learning, here, each homeroom teacher already has a parent group in WA, with that group the teachers provide learning materials in the form of videos or assignments that can be done at home".

It can be seen that online learning is carried out through student guardian groups on the WhatsApp application. The statement of the Madrasah Principal represented by the curriculum above was strengthened by another statement stating "We carry out learning through the existing WA group of student guardians with non-face-to-face learning instructions, this WA group is the cellphone number of the parents of students that we combine in the group not the student's cellphone number at first, but with the online learning instructions we input both of them for students who already have their own cellphones. " From the statement above proves that online learning at MI Bahrul Ulum Tambakberas Jombang has not reached all students, there are some students who cannot participate in online learning because they do not have the tools to access online learning. This is also one of the obstacles in the learning process at MI Bahrul Ulum Tambakberas Jombang. This statement was obtained from the answer to the interview as follows "not all students can participate in online learning, because not all students have the equipment online".

From the statement above, it can be concluded that online learning using smartphones has not reached all students of MI Bahrul Ulum Tambakberas Jombang because there are still some students who do not have smartphones. For problems in learning online at MI Bahrul Ulum Tambakberas Jombang, namely "The obstacles are, of course, one: network, two: pulse / quota, tools for online. Online preparation also takes time, costs and effort from teachers, it has become a new activity for teachers here. " The constraints that he complained about to the curriculum waka were internet networks, quotas, costs, and time for online learning preparation. The data above provides an explanation that internet quota is an obstacle or obstacle to online learning at MI Bahrul Ulum Tambakberas Jombang. The same thing was said by a class V B student named M. Mufthi'ul Haq in communication via telephone, who stated: "If the quota runs out, I will not participate in online learning later when I buy the quota, I will join online learning again. For tasks left behind I chat with my classmates".

The data above provides an explanation that internet quota is the main factor in hindering the implementation of online learning. After the researchers obtained data on the constraints of online learning at MI Bahrul Ulum Tambakberas Jombang, the researchers asked about policies that support the application of online learning. From his answer, "The policy of the madrasah, madrasah provides training for teachers to be proficient in organizing online-based learning. From the government will also help teachers and students to quota. If I myself continue to motivate teachers to continue to be enthusiastic about doing online. I hope that students who are not yet online can be given a device to go online". From his answer, the school's policy was to hold online learning training, provide quota assistance and motivate teachers to be enthusiastic about implementing online learning. With this policy, it becomes a supporting factor in online learning.

So, from the students' explanations, the obvious obstacles are when the electricity experiences a trouble or interference, it could be due to a short circuit or damage, resulting in a sudden power failure. The blackout can take a long time and may also be brief depending on the severity of the electrical damage. Especially if it rains a lot and lightning really disturbs the signal.

Discussion

In the use of android mobile phones among students, it has become a prima donna and a daily habit for both high school students, vocational high schools, madrasah aliyah schools or students. There are so many types of Android phones that we can use today, ranging from low prices to high prices. Actually, a good android cellphone is one that has a large ram quality of at least 1 Gb. And a minimum rom of 8 gb. As we know, currently cellphones that are very often in demand in the market are cellphones with well-known trademarks and those with RAM and ROM above 1 GB, namely Samsung cellphones, oppo, xiami, assus, acer, LG, advan, mito and so on. All Android cellphones with RAM above 1 GB can perform activities quickly such as using the internet, social media, YouTube and others. In accordance with the documentation data that the author got in the field, with the problem of using Android cellphones, there are still very many of them, as expressed by Mr. Waka, the curriculum is as follows "The obstacle that occurs very often is the effect of an unstable signal that fluctuates, sometimes

disappears, often occurs during bad weather. , times like this really disrupt the process of using Android cellphones in our school”. one of the MI Bahrul Ulum Tambakberas Jombang students named M. Mufthi'ul Haq Class VB who stated that “When I use an Android cellphone at school I often have problems including the signal that is often lost during blackout and during bad weather such as rain and lightning”. The main factor in this online learning process occurs in the internet network, quotas, costs, and time for online learning preparation so that it can become an obstacle or a problem in online learning at MI Bahrul Ulum Tambakberas Jombang.

The emergence of online learning has become a separate trend in teaching and learning activities. Because online learning is not bound by time and space because it can happen anytime, anywhere and under any conditions. In contrast to conventional learning which requires a meeting between teachers and students. During the Covid-19 period, online learning was an effective way to do because learning with this online model could minimize the transmission of Covid-19 because there was no direct contact in communicating learning. In the application, the online learning process which uses android based to these students for its application experiences an unusual difference when face-to-face so that in the learning process these students who use an electronic system or called android, students experience difficulties in receiving learning eyes. Because the level of understanding of students decreased when compared to face-to-face, face-to-face in the previous year, the achievement of these students had greatly increased so that many student guardians supported the face-to-face learning process. Several guardians asked the school to make a breakthrough so that student achievement would increase.

The MI Bahrul Ulum Tambakberas Jombang teachers are considered to have carried out online learning well by means of the WA group the teacher class conducts online learning even though there are some obstacles that hinder the smooth running of online learning. The madrasah continues to strive to minimize these obstacles, including by providing training on online learning to teachers, providing internet quota contributions to both students and teachers. Android phones, which are often called smartphones or gaged or smart phones, have been very well known by the world at large, not only in Indonesia outside the country, but Android phones have also been introduced to the wider community for a long time. With the emergence of android mobile phones, it is hoped that the public can use this cellphone properly and correctly, because if this cellphone is used in the right way it will produce findings that have never been found before, both in books and other media. The use of android cellphones itself does not always go according to the expectations of students at MI Bahrul Ulum Tambakberas Jombang, this is because there are still frequent problems faced by students when using Android phones such as loss of signal or network during rainy weather or lightning so that problems occur. This obstacle needs a new breakthrough by looking at the existing constraints. Even so, in the process of utilizing Android among elementary level students, many of the students' guardians complained so that the school continued to strive for these students when the online and non-online learning process could be carried out in accordance with existing conditions.

CONCLUSIONS

Research data at MI Bahrul Ulum Tambakberas Jombang begins with Madrasah policies related to current conditions, namely conditions in which all areas of education are affected by the spread of the Covid19 virus. With the existence of Covid19, the entire world of education is also affected, so with this government policy prohibits gargling. With that, the government took a policy in the world of education to carry out the online learning process, so with this policy the school responded immediately to socialize it to the parents of students through the existing WhatsAp group

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