



Utilisation of Benime Application to Improve Video-Based Student Achievement

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ABSTRACT

The quality of students in Indonesia must be improved in education, both general education and Islamic religious education and at this time students find it difficult to understand the learning material provided by the teacher. One solution to improve student achievement at school is through the Benime application. The Benime application is a social media or platform used to create various forms of very interesting animated displays with a white background or whiteboard. The purpose of this study was to determine the benefits of the Benime application in order to improve student achievement at school. The medote used by researchers in this study is quantitative method, using surveys to students at school through google form. The results of this study are to determine the benefits of the Benime application in improving student achievement at school. The limitation of this study is that researchers only utilize the Benime application for one subject, and researchers hope that future researchers can do the same research but aim to develop the Benime application for learning videos.

Keywords: Achievement, Benime, Students

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INTRODUCTION

Technology is the use of a scientific knowledge so as to produce practical purposes in human life or in other words to bring about change and manipulation in the human environment (Waterhouse et al., 2018). There are several types of technology found in everyday life including the fields of information, communication, transportation, education, health, construction, agriculture, architecture and many more (Yao et al., 2019) Januraga et al., 2018). The benefits of one of the technologies in the field of education, namely the existence of internet media, add insight and knowledge which is usually rarely found in books (Perez-Riverol et al., 2019). In addition, regarding school

enrollment, you usually have to visit the place and see what facilities are available there (Harris et al., 2019). Now the time has come to implement online registration so that it can save time without having to go to the location and be more efficient and make a technology-based Indonesian generation that is able to compete with other countries and get a good name in the world.

With the rapid development of technology, people in all parts of the world have a close relationship with the internet (Dong et al., 2020, Blin et al., 2019; Huang & Zhao, 2020)). The internet is a global communication network which brings together many networks in the world with one computer and another computer using the internet suit global standard system (Vosoughi et al., 2018). The functions of the internet include as a medium so that you can get the latest information, exchange resources or data with other people in the world, make it easier to shop for daily goods so you don't have to go out of the house, as well as entertainment such as finding the nearest tourist attractions, creating technology-based works such as a digital learning media so that it can be utilized by educators and students at school so as to facilitate the learning process at school.

Education in Indonesia at this time needs to be considered, because the condition of students is now declining both in terms of achievement and quality at school (Siste et al., 2020). The desired learning objectives have not been achieved, namely students are able to understand, understand the knowledge conveyed and apply it in everyday life (Purba et al., 2018). Along with the times, educators cannot use the way of learning through explaining the material in the book alone (Januraga et al., 2018). Educators must keep up with the times and technology in order to adjust and balance the way of teaching and learning to students in this era of technology (Zainuddin et al., 2019; van Laarhoven et al., 2018). at this time there are quite a lot of educators in Indonesia who do not master this technology so that they find it difficult to apply technology-based learning in the school environment, thus making students lazy to learn.

Learning applications have been widely applied by several schools in Indonesia in order to help form students who are creative in learning, besides that with the variety of learning methods students are increasingly active in learning Applications are software units that unite several types of certain features in a way that can be accessed by users (Radianti et al., 2020 ; Basch et al., 2018; Choi et al., 2018; Linardon et al., 2019).

The usefulness and function of applications in the field of education is as a material for learning, an example of its application is the appearance of a Microsoft PowerPoint that can display various types of learning material not just a display of writing but also in the form of audio, video, good animation and others so that the teaching and learning atmosphere in the classroom will be more interesting and enjoyable for students at school (Yokoe et al., 2018). Students will be more enthusiastic in participating in learning in the end their future achievements will increase so that the formation of a superior generation of students and can improve school accreditation to be better to be able to become a place of education tervavorit for prospective students in the new school year.

Various types of applications that can be used as learning media that can be accessed through cell phones, computers, laptops, and other sophisticated technology tools so that teachers can use them for elementary school students, junior high school levels, high school levels and lecture tracks through school facilities such as infocus (Bekkering et al., 2019; Garcia et al., 2018 ;Stachl et al., 2020). Educators are required to be able to have the ability to use technology to be applied in learning, so that it can help in delivering material, and students are also easy to understand the intentions of the teacher, and they know the form of information technology that is developing at this time (Bucci et al., 2018; Hamari et al., 2019). Examples of learning applications today are such as Google Class Room, Animaker, Edmodo, Zoom, and many more applications, where each device has its advantages and disadvantages in the application.

One of the interactive multimedia is the Benime application (Wang et al., 2018). Benime is an application that is used for various things including being able to edit audio, video, white backgrounds, moving animations and added music and the availability of several good templates in it, so as to create a learning media that can be used for learning in the classroom, so that it can improve student achievement at school (Deng et al., 2018; Challita et al., 2019; Makransky et al., 2019). This Benime application has become one of the solutions to overcome the educational problems that exist in schools from many other media that can also be used in education in Indonesia (Meyer et al., 2019). One of the advantages of this Benime application is that it can make unlimited videos and many variations of making videos that are very interesting, aesthetic, good, and various animations in the Benime application.

Judging from some of the explanations above, it can be identified that the problem that arises is how to improve student achievement through the Benime application in Indonesian schools so that smart and wise young people are created (Rose, 2020; Bruffaerts et al., 2018; Engzell et al., 2021). In every person's research results there must be differences in it, therefore researchers will collect views and opinions from students about whether this Benime application can improve their performance at school, because with this media the students will be greatly helped in understanding learning and will easily remember the material that has been delivered by the teacher (Augustine et al., 2020). Analyzing the utilization of the Benime application in improving student achievement, researchers will distribute online questionnaires so that the results are presented in the form of diagrams to make it easier to get the results of the research which will be presented in the results of the discussion later.

The utilization of the Benime application has been surveyed by many researchers where each observation of the research has an interrelationship between previous researchers and research that will be made by subsequent researchers. In this discussion, it can be said to be relevant because it is interrelated with previous researchers who discuss the use of the Benime application as a support for learning mufrodat, and there is also a discussion about training in learning media planning using the Benime program, so this study equally examines the benefits of this application to support student learning at school and can help educators in order to provide learning services for both general

subjects and Islamic religious subjects carried out at the school. In addition, this research also thinks about how to increase students' interest and ability to learn, therefore these researchers raise theoretical studies at this time so that educators and people who read this will increase their knowledge and insight and can help subsequent researchers. So this research is very relevant.

In accordance with the formulation of the problem, the purpose of this study is to find out that the benefits of the Benime application as to improve student achievement at school where the success of an educator can be seen from his students who excel, and whether students can accept learning by using the Benime application to improve student achievement given by educators. Education in Indonesia hopes that all students in school will get the best achievements in order to make the nation proud. Researchers hope that all teaching staff will be willing to use this Benime application in the existing learning at school. It is hoped that in the future the use of this Benime application can be developed again to be better and can be used continuously in improving student achievement in every existing learning from various subjects such as general and religious learning.

RESEARCH METHODOLOGY

The method applied in this research is using quantitative methods (Guo et al., 2020; Januraga et al., 2018). Scientific research that is organized on certain parts and events and connects cause and effect in an event is called the quantitative method (Chu et al., 2020; To et al., 2020). The review was conducted because it was in line with the aims and objectives of this research, namely in order to find and analyze the case with responses from students and teachers in the use of benime applications to improve student achievement. This research will be held at Universitas Sembilanbelas November Kolaka or it can also be called the name Universitas Sembilanbelas November Kolaka Model in the odd semester of the 2022/2023 academic year. Researchers used a survey to students and teachers at school through google form. The student will answer several questions about the benefits of the Benime application to improve student achievement at school found on the google form page (Rodriguez-Morales et al., 2020).

Students' answers will be recorded automatically, so that from these data through a review using quantitative methods researchers can present in the form of tables and figures as accurate evidence in this study. First the researcher must compile and prepare several questions. The survey questions were then confirmed by several experts in the field of educational technology. The assessment and suggestions from the expert were then used as the core in improving the survey questions so that they were suitable for distribution to the sources. The survey questions that have been designed are in accordance with the research topic, namely the use of the Benime application in improving student achievement so that the discussion of this research does not deviate from the discussion that has been made and can get satisfactory research results for researchers and people easily understand it.

The research facts that have been presented using quantitative methods, which can

be seen from the percentage that each question has been distributed to the sources. then from the survey results it can be seen how useful the use of this Benime application is in improving student achievement. The number can be seen from the background side who participated in this study consisting of teachers and students at Universitas Sembilanbelas November Kolaka. The percentage will be described using words and reviewed with the views and assessments of experts and previous research that is relevant. In the discussion section, the results of the study in research, exposure, and assessment of the researcher are put together in the form of a researcher's situation among the summary of the conclusions of research that already existed before the making of this research.

RESULT AND DISCUSSION

Technology is currently rampant throughout the world which has various positive and negative impacts on its users (Liang et al., 2020; Yao et al., 2019). All human activities are inseparable from technology so as to facilitate all their work, one of which is in educational activities. Technology is increasingly developing so that many learning media can be used by educators through several applications, by applying methods like this can improve student achievement, and interest in learning at school and facilitate the duties of educators in the teaching and learning process. Education in Indonesia has now begun to advance and develop and be able to compete with other countries in utilizing technology, including by using the Benime application. The application of the Benime application has organized research by publishing an online-based questionnaire and the school concerned has implemented the learning media.

Benime application is one of the many applications that can be used by educators as learning media both in general subjects and Islamic religious subjects. This Benime application can be interpreted as a platform in which there is a display of various forms of animation with a white background or whiteboard and the application can be obtained for free through downloading on the Playstore or Apple Store on the device. As a result of the development of technology so that the creation of a Benime application that can be used by educators as a learning medium so that it can improve student achievement at school in the use of this media educators must have creative abilities so that the learning videos that have been presented can attract students' attention and be liked in learning. Here the researcher has made several observations through distributing questionnaires using google from in order to see how useful the Benime application is in improving student achievement, there are some questionnaire assessment data that will be presented including:

Table 1 research results at Madrasah Aliyah Negeri 1 Bukittinggi school

No.	Question	Answer (percentage)	Description
1.	Is the Benime application useful for improving student achievement by using videos?	60% agree and	Six students agreed that the Benime app improved student achievement and four strongly agreed.

2.	Learning by using the Benime application increases students' enthusiasm for learning?	40% strongly agree.	Five students agreed that the Benime application increased students' enthusiasm for learning and five others strongly agreed.
3.	In learning by using the Benime application makes the atmosphere in the class become not boring?	50% agree and 50% strongly agree.	Five students agreed that learning became less boring by using the Benime application, three strongly agreed and two others disagreed.
4.	By using the Benime application in learning students are able to understand learning quickly?	50% agree, 30% strongly agree and 20% disagree.	Six students agreed that the Benime application made it easier for students to understand the lessons, two strongly agreed and two disagreed.
5.	Do you agree if the Benime application is used as a learning method to improve student achievement?	60% agree, 20% strongly agree and 20% disagree.	Six students agreed that this application was used as a learning method, three strongly agreed and one disagreed.
6.	In this era of technology can the Benime video-based application be used to increase student interest in learning at school?	60% agree, 30% strongly agree, and 10% disagree.	
7.	With the video-based Benime application, do students feel helped in learning?	90% agreed and 10% strongly agreed.	Nine agreed that the app increased students' interest in learning and one strongly agreed.
8.	To get maximum learning results in this age of technology can be used with the Benime application?	40% agree, 40% strongly agree and 20% disagree.	
9.	Is the Benime application easily accessible during the learning process?	70% agree, 20% strongly	

		agree, and 10% disagree.	
10.	Is this Benime application worth using throughout the school as a learning method?	80% agreed and 20% strongly agreed.	

Based on the results of research that has been conducted at Universitas Sembilanbelas November Kolaka, it can be concluded that the students there are on average happy with the use of this Benime application in schools can improve student achievement. From some of the questions above they are very enthusiastic in answering these questions. There are some students who ask researchers the purpose of this application and what kind of program is in it. After they understood many of them strongly agreed that this video-based application aroused students' enthusiasm in learning. Likewise with the educators who will be ready to apply the application in learning every day both especially in Islamic religious learning which is dominant in the school.

In Madrasah Aliyah Negeri 1 Buittinggi school, it has also begun to advance and develop this school has also used other technologies designed by the students themselves such as automatic trash cans, making robotics based on technology and many others. So this school also strongly agrees if there is technology-based learning such as this Benime application which will have a positive impact on educators and students who are at the school as students will feel that learning will not feel bored in class if they use video-based learning which has many kinds of very interesting animation variations that can be used by educators at Madrasah Aliyah Negeri 1 Bukittinggi school in learning.

Learning that has been carried out by educators in these schools has used technology-based such as using infocus as a facility and infrastructure that has been provided by the school as part of its facilities. So educators are easy to access this Benime application used during learning, it's just that educators must first master how to make interesting videos from the application. Educators can get information so that they can make it through watching tutorials on Youtube, looking at Google and many other ways that educators can use to get the knowledge of educational technology as they want, because the more technological knowledge that is mastered by educators in Madrasah Aliyah Negeri 1 Bukittinggi, it will improve the quality of students, educators, and the school becomes a favorite place of education or many enthusiasts.

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quality of students, educators, and the school becomes the most favorite place of education.

Benime application is a platform that was created with the development of technology from the next era to the next era all activities will be influenced by the name of technology. In the Benime application, you can make a video that is very interesting, because there are many animations that can be created according to the design, besides that you can add music and images to make it more interesting and memorable. How to get this application by downloading it from the Play Store using the internet network. All technology-based work includes teacher strategies in the learning process. Educators at this time are required to improve student achievement at school and the solution is that educators can use this Benime application as an alternative tool in learning.

This Benime application can be used by educators with a variety of creations according to the topic of discussion material to be delivered in class, so as to create exciting and fun learning for students from these activities that have been designed by educators, there is a sense of enthusiasm for students in participating in learning and they make learning something memorable so that if you go to school feel happy. This learning method is very good to be used by educators at school because the impact is very large felt by educators and students themselves, in addition to increasing students' enthusiasm in learning can also improve school accreditation to be even better and able to compete in using technology with other schools. That is what can make a characteristic of the school that has used technology-based learning.

Learning media in the past was only through books, the learning system used at that time with the method of educators speaking in front of the class explaining the material to students, different conditions at this time where technology is increasingly developing so that all activities cannot be separated from the name of technology. There are many variations of learning methods in the technological era that can be used by educators in teaching students, one of which is by utilizing the Benime application because using it can make unique, memorable and interesting learning videos so that students in the learning process do not feel bored or bored and the learning atmosphere in the classroom becomes colorful. If educators only convey material without using other media, of course students will feel bored and can be sleepy in class and lazy to pay attention to the teacher when explaining the lesson.

The understanding ability of each learner is certainly different, some are quick in understanding the material and some are slow. Educators are tasked with making all students in the class understand and understand the material that has been delivered. The solution to the problems faced by educators can be overcome by applying in learning using learning videos made through the Benime application, because by utilizing the application can help improve students' understanding of learning because the memory and capture of students will be more durable recorded by memory by seeing and hearing a materi, therefore they will understand better if presented with learning like that. Fulfill the responsibilities and duties of educators in exporting knowledge to students until they understand and understand in every knowledge that has been given. So that students can apply the knowledge that has been obtained in everyday life and can be spread to the closest people. Lessons will be useful until the end of life.

Learning methods between ancient times and today, where the style of learning used to be focused on the teacher alone, students could not get knowledge and information freely, in

educating so that they are disciplined using a very strict way so that many students are afraid of the teacher, for example if there are students who violate the rules then they will be punished by being hit using a wooden roller, very different in today's education such punishment is no longer found. Learning methods now use technology which has simplified the task of teachers and has a good impact on students, one of the media used in learning methods is the Benime application, educators can make learning videos and can provide learning information freely from the internet. this application can be used as a learning method so that learning becomes effective and efficient. Each student will have better abilities compared to students who are still learning using the old learning methods.

In the age of technology, education must also be linked to technology, which is now that students are close to the name internet and technology, so teachers must be able to balance between learning material and technology in order to increase student interest in learning at school again. At this time, along with the development of technology, there is a negative impact on students, namely it can reduce students' interest in learning because they are easily carried away by technology and the internet to things that are less useful such as playing online games and other applications. Educators can use this Benime application to harmonize the way of teaching in this technological age which has a good and bad impact on its users, namely educators and students involved in the learning. Where the school also gets the impact if the school applies the Benime application in the teaching and learning process.

Education at this time is very much affecting students both from outside and from within such as technological sophistication that can make them complacent in online games so that it results in them being lazy in learning plus android is not separated from their hands. To overcome these problems, educators can use this Benime application for learning in the form of videos that make them feel interested in seeing it, after the learning is complete the educator can send the video learning material to students so that they can repeat the lesson at home so that students do not bother to open a notebook to study that the teacher has given them, students simply play the video that the teacher has given. So that students are easy to repeat the learning material so that they remember it more easily and do not forget easily.

Learning media at this time is very much used by educators, just adjust it to their potential. Educators are required to master educational technology because it has become the demand of today. At this time the quality of students is further improved at school, one way to improve student learning outcomes to be maximized in this technological era is to utilize existing applications including the Benime application because the application is very interesting to be used as a learning media to support student learning outcomes so that they get very satisfying scores, with this the parents of students become proud of the achievements that have been achieved by their children. In addition, it can also increase the name of the school to be popular which is in great demand where at the time of this era between schools competing to get a better school name and many enthusiasts.

Facilities and pre-facilities in schools at this time are adequate such as the provision of infocus, libraries, various kinds of labor rooms, fields that are used as facilities for sports, and many more facilities that have been provided by schools to meet the needs of students at school in order to create great and dignified students. In the teaching and learning process, educators

can use the Benime application as a learning media in the form of videos that can be presented through classroom infocus, which is very helpful in the learning process. So this media has been easily accessed by educators when explaining lessons in front of students so that they pay attention to learning well, so that educators have no difficulty and feel helped in carrying out their duties and so do students feel happy in participating in learning and making students more comfortable and enthusiastic in learning....

Schools at this time have implemented a lot in the use of technology, learning is always juxtaposed with technology, one of which is the Benime application, which is an application that can create interesting learning videos without limits, so that it can be used by teachers in the learning process where each material is presented in the form of videos, both general subjects and Islamic religious subjects, this application is much loved by students at school because they can understand the material while watching videos so that learning is not saturated, students feel happy, can increase students' enthusiasm for learning, and many other benefits that students feel when learning using this application. So this application is very feasible for use in schools, both elementary schools, junior high schools, and senior high schools and has been widely applied in the recovery level at this time.

In addition to the many benefits obtained from using this Benime application, it also has several disadvantages or weaknesses in it, including downloading this application must use an internet network and data packages which are not all areas that are easy to get a network, such as in the lowlands having to go to a high place to download this application, besides that the storage size of this application is quite large so that storage is quickly full. Of the many advantages and disadvantages of this application, researchers can be concluded by researchers based on the results of observations that have been made previously. Based on the state of this application has its strong and weak sides but the Benime application has a very influential role both for students, teachers, and the school itself..

CONCLUSION

Benime application is one of the applications used for making videos with the display of various forms of animation with a white background or whiteboard, can be added with music or sound and other images to make it more interesting. Educators can use this application as a learning medium at school so that their work becomes lighter because of the delivery of material through the video, besides that students also feel the benefits including that they are more enthusiastic in participating in learning, the atmosphere in the classroom becomes not boring because of learning through good videos and very attractive to students, the material that has been delivered by the teacher can be understood and applied in everyday life and from the Benime application can improve student achievement at school both in general science and religious science. In using this application educators are required to be creative, and innovative in applying this application as a learning medium.

The type of method used by researchers in this study is quantitative method, because through this method researchers do not experience difficulties or are helped in collecting and summarising questionnaires that have been distributed in the observation field. Therefore, the researcher hopes to get a good response from the source because it is very helpful for

researchers in the use of the Benime application in improving student achievement. With the use of the Benime application, it can develop and expand the thinking of students and educators to further improve the use of application applications which can be used as learning media in the teaching and learning process. The essence of the discussion of this research is actually the use of the Benime application can be used by educators as a driving force and can help in the teaching and learning process more effectively and efficiently so as to improve student achievement.

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