

INDEPENDENTLY STUDENTS LEARNING FROM HOME USING DIGITAL PLATFORM

Uci Dwi Cahya^{1*}, Hendra Susanto²

^{1,2}Fakultas Keguruan Ilmu Pendidikan, Universitas Sains Cut Nyak Dhien, Kota Langsa, Indonesia

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ABSTRAK

Covid-19 telah meresahkan seluruh dunia, termasuk Indonesia. Dan ini ber imbas pada dunia pendidikan. Salah satu upaya pemerintah untuk memutus rantai penularan covid-19 ialah dengan melakukan kebijakan untuk melaksanakan pembelajaran via online alias pembelajaran daring yaitu siswa belajar dari rumah. Pemanfaatan aplikasi WhatsApp ini tampak jelas didalam proses pembelajaran yaitu guru memanfaatkan WhatsApp mulai dari pemaparan materi pembelajaran hingga pemberian tugas berupa soal- soal terkait dengan materi yang telah disampaikan. Penelitian ini menerapkan metode kualitatif dengan menggunakan dua instrument yaitu penilaian angket dan observasi lapangan. Penelitian ini nantinya mampu menganalisa hasil belajar siswa dengan memanfaatkan WhatsApp sebagai sarana pembelajaran dan menjadikan guru lebih kreatif dalam menggunakan metode pembelajaran daring dengan menerapkan digital sebagai sarana pembelajaran sehingga dapat meningkatkan hasil belajar siswa.

ABSTRACT

Covid-19 has disturbed the whole in world, including Indonesia. And this has an impact on the world of education. One of the government's efforts to break the chain of transmission of COVID-19 to implement a policy carry out online learning. That is students learn from home. The use of the WhatsApp application is clearly visible in the learning process, where the teacher using WhatsApp starting from the presentation of learning materials to giving assignments in the form of questions related to the material that has been delivered. Therefore, it is hoped that this research will be able to analyze student learning outcomes by utilizing WhatsApp as a learning tool and make teachers more creative in using online learning methods by applying digital as a learning tool.

1. INTRODUCTION

The corona virus was identified as SARS-CoV-2 for the first time in Wuhan City, China, in December 2019, known as COVID-19. This virus will bind to the target receptor (ACE2) in humans, especially in the lungs, heart, and kidneys. COVID-19 has a longer incubation period and higher transmission rates. Transmission occurs through respiratory droplets and close contact with patients. The pandemic happened very quickly, as of May 19, 2020, 4,943,077 cases had been identified, with a death toll of 321,998 people from 212 countries. evolution has occurred in the world of education, which means a foundation change that have a huge impact on development education. The industrial revolution is an industrial change in the world. The fourth is based on technology and information in human life.(uci dwi cahya 2023).

The symptoms that most often appear are fever, fatigue, dry cough, myalgia, and shortness of breath. The severity of the disease increases in the elderly and patients with comorbidities (heart disease, diabetes mellitus, chronic lung disease, hypertension, and cancer). This infection has a CFR of 2.3% and the complications that most often cause death are heart and lung complications. Until now there has not been found the right treatment or vaccine for this disease, but research for the development of treatment and vaccines continues to be carried out throughout the world. Maximum efforts must be made because this epidemic affects public health infrastructure, economy, and all

*Corresponding author

E-mail addresses: uciwedwica@gmail.com

aspects in all countries in the world. Preventive measures are very important as an effort to break the chain of transmission of COVID-19.

The COVID-19 pandemic has a significant impact on world education, namely the transformation of conventional learning into courage. (Titania Putri Widiyanti et al. 2021) Covid-19 has disturbed the whole world, including Indonesia. And this has an impact on the world of education. One of the government's efforts to break the chain of transmission of COVID-19 is to implement a policy to carry out online learning or online learning. That is, students learn from home. The practice of online education (online learning) is carried out by various levels of education from elementary, junior high, high school, to university levels. There are no more learning activities in classrooms as is usually done by educators, teachers and lecturers.

The pandemic is a challenge for mankind to develop creativity and be wise in using technology, not only transmitting knowledge, but also how to ensure that learning is conveyed to students properly. But online learning also has its own challenges. One of them is the availability of internet network. Some students claimed to have difficulty participating in online learning because not all regions have internet networks with smooth access. (Hasanah 2020)

Learning is a process of activity to change the behavior of the subject of study. These changes in behavior can be seen in various forms, including the subject of learning to be creative. Creativity in learning is characterized by several characteristics such as open-mindedness and being spontaneous, curious and independent. (Uci Dwi Cahya et al. 2023). The learning method is a systematic and regular process carried out by teachers or educators in conveying material to their students. Reporting from Kumparan, the Ministry of Education and Culture revealed that the online method could solve problems that occurred during this pandemic. Online learning is learning that is carried out remotely with the help of the internet. In online learning, facilities and infrastructure are needed, in the form of laptops, computers, smartphones, and internet network assistance. In addition to facilities and infrastructure, a teacher must also be able to adapt to the situation of students.

Suggests that "teachers must be able to develop the teaching profession and carry out their duties by adjusting the needs of students and learning materials that keep up with the times." In 2018, 62.41% of the Indonesian population owned a cellular phone and 20.05% of households owned a computer. This data is very relevant to the results of research which shows that although there are students who do not have laptops, almost all of them have smartphones. (Wulandari 2018)

Changes in the times, including in the face of the digitalization era, students at this time were born, grew and grew up in direct contact with the digital world, so that the flow of information obtained would be different from previous students. Therefore, teachers as partners in learning must be able to design learning activities so that students get more information than the time allotted.

Several studies have proven that many students use laptops and smartphones in learning. The ability of laptops and smartphones to access the internet allows students to take part in teaching and learning activities that are carried out in the form of video conferences and those carried out in online classes using learning application services available online. The development of the digital world is happening so dynamically, sooner or later it not only affects but changes people's lifestyles which cannot be avoided. For this reason, this article aims to examine the urgency of digitizing school education in the face of the 4.0 to 5.0 revolution era. (Cut Nelga Isma, Rahmi, and Hanifuddin Jamin 2022). The online learning process has been mostly done by giving assignments via WhatsApp, Video Conference, Google Form, or through available special applications. With the current problem, researchers want to do research on "The Use of WhatsApp Media in the Covid-19 Pandemic Period as a Learning Media from Home for Students".

WhatsApp is one of the applications commonly used in the online learning process in this pandemic term. So, this study focuses on the use of WhatsApp, which is the most popular social media platform in the education sector. WhatsApp is an application designed to make it easy for the teacher, and students to communicate, which provides simple, safe, message and calling services and is available on various phones around the world. (Nur Lindawati, Baso Jabu, and Sultan Baa 2022). By using WhatsApp (WA) teachers and students can chat online, share files, exchange photos or other data. The use of WhatsApp or WA groups will help spread important information very quickly and efficiently. Learning is carried out by communicating with students through WA groups, providing individual guidance through private chats (japri), occasionally holding Video Calls (4 students) in turns, and so on. The assessment process is carried out in several ways, one of which is using the WhatsApp autorespond application. The positive influence of technological developments in the world of education for students are that education can be accessed anywhere and at any time, so makes it easier for someone to find out the information they want, besides the process of providing information does not always have to be interactive directly, because it can be accessed via the internet or by telephone handheld.

However, there is a negative thing at this time because With easy access to information, fraud often occurs in teaching and learning activities, students can usually access information during exams and even students often receive leaks or already know what will be tested. (Uci Dwi Cahya 2023)

This aims to determine the effectiveness of the use of the WhatsApp One Day One Juz (ODOJ) group in increasing interest in odojer recitations in Pekanbaru City. The results of this study are expected that members of the WhatsApp ODOJ group use the WhatsApp application as an online communication tool to improve each other's odojer doing recitations.

2. METODE

In this study, researchers used data analysis methods with a quantitative approach. The researchers took this approach by utilizing digital media in the form of WhatsApp Auto Replay to collect the required research data. After the required data has been collected, it will then be analyzed using a Liketr scale. This research is included in class action research or class action research. This study uses two variables, namely the dependent variable and the independent variable.

The dependent variable is the ability of students to answer questions in accordance with the material that has been conveyed by the teacher using the WhatsApp application. While the independent variables are questions in the form of multiple choice given by the teacher through WhatsApp media. The type used in this research is ex-post facto research, namely research in which the independent variable has occurred so that action is not given at the time the research takes place. Data collection techniques using learning outcomes evaluation tests and questionnaires. Learning outcomes are used to measure the dependent variable.

Data collection techniques carried out in this study used two techniques, namely techniques in the form of tests and non-test techniques.

1. Test technique

The tool used to measure and assess is in the form of giving an assignment or a series of tasks in the form of questions that must be answered so that a score is produced that symbolizes test achievement.

2. Non-test technique

Assessments are carried out without testing students but are carried out by conducting systematic observations. This assessment is generally carried out to assess the overall personality of students' attitudes, traits and behavior.

3. DISCUSSION AND RESULT

The Corona-19 virus has caused a pandemic that has attacked the world, changing the entire structure of human life, both in terms of economics and education. In this aspect of education, the most significant thing is that the teaching and learning process is carried out online for areas that are in the red zone.

Indonesia is one of the countries in the world where currently 90% of its territory is in the Covid-19 red zone, this has prompted the government to take special policies in the process of implementing online learning. Learning using digital has a very important role for the success of the online teaching and learning process. Indirectly, schools in a short time have to think about distance learning strategies that are in accordance with the competencies possessed by each school which includes uncertainty from teachers and parents.

The strategies implemented by schools are of course varied and do not mean they do not have obstacles. For schools that are used to implementing digital or dare-based learning, this is certainly not a new problem in the teaching and learning process, especially for teachers who are adept at carrying out assessments by giving assignments online. in a varied manner by using digital as a learning tool so that this does not become a complaint by parents, the thing that is a burden for parents is accompanying children to learn independently, especially parents who do not have sufficient educational background or adequate means and facilities.

4. CONCLUSIONS AND SUGGESTIONS

This Whatsapp application makes students more excited and motivated to always learn and read the material provided by the teacher. By using WhatsApp (WA) teachers and students can chat online, share files, exchange photos or other data. The use of WhatsApp or WA groups will help spread important information very quickly and efficiently. Learning is carried out by communicating with students through WA groups, providing individual guidance through private chats (japri), occasionally

holding Video Calls (4 students) in turns, and so on. In the process of assessing student learning outcomes, it can also be done through WhatsApp Auto Replay which makes it easy to correct student answers quickly.

5. REFERENCES

- Cut Nelga Isma, Rahmi, R., & Hanifuddin Jamin. (2022). U R G E N S I D I G I T A L I S A S I P E N D I D I K A N S E K O L A H. *At - Ta'dib: Jurnal Ilmiah Prodi Pendidikan Agama Islam*, 14(2).
- Hasanah. (2020). Analisis Aktivitas Belajar Daring Mahasiswa Pada Pandemi COVID-19. *Jurnal Pendidikan*, 1(1).
- Kintan Saraswati, Aidil Syah Putra, Dyah Supraba Lastari, & Nargis. (2022). AN ANALYSIS ON TEACHING AND LEARNING PROCESS IN ENGLISH CLASS AT SEKOLAH ALAM TANGERANG MEKAR BAKTI JUNIOR HIGH SCHOOL. *Indonesian Journal For English Education and Culture*, 11(2).
- Nur Lindawati, Baso Jabu, & Sultan Baa. (2022). Students' Perception on the Use of WhatsApp in Learning EFL during Covid 19 at Remote Area. *Journal of Excellence in English Language Education*, 1(4).
- Sri Rejeki, & Dwi Budi Srisulistiwati. (2021). Media Digitalisasi Pembelajaran Jarak Jauh Menggunakan Model Blended Learning di Era Pandemi COVID 19. *Jurnal Kajian Ilmiah*, 21(4).
- Titania Putri Widiyanti, Silfiyanti Musoffa, Muhammad Irfan Maulana, Anik Sri Widayati, & Riza Zahriyal Falah. (2021). PEMBELAJARAN DARING MASA PANDEMI COVID-19 DI SEKOLAH INDONESIA KUALA LUMPUR. *Tarbawi: Jurnal Pendidikan Islam*, 18(1).
- uci dwi cahya. (2023). *evolution has occurred in the world of education, which means a foundation changes that have a huge impact on development education. The industrial revolution is an industrial change in the world The fourth is based on technology and information in human.*
- Uci Dwi Cahya. (2023). *Inovasi Pembelajaran Berbasis Digital Abad 21*. Yayasan Kita Menulis.
- Uci Dwi Cahya, Ekfindar Dilia, Barans Irawan Palangan, Fitri Rahma Handayani, Lena Sastri, Nurdin, H. R., Susiyati, Revida Engelbertha S, Lyla Nawakwulan, & Sri Marlen. (2023). *English in Akademik*.
- Wulandari. (2018). Peningkatan Kompetensi Profesional Guru Kewirausahaan melalui Lesson Study Berbasis Pantai dan Laut. *JPE (Jurnal Pendidikan Edutama)*, 5(2).