

## SYSTEMATIC LITERATURE REVIEW

# THE INFLUENCE OF STUDENT ACTIVENESS IN WHATSAPP AND TIKTOK SOCIAL NETWORKS ON CHANGES IN STUDENT LEARNING INTEREST MOTIVATION

Angelica Biduan Christin Siburian

Department of Non-Formal Education, Faculty of Teacher Training and Education

Sultan Ageng Tirtayasa University, Banten-Indonesia

Email: [angelicachristin6@gmail.com](mailto:angelicachristin6@gmail.com)

### ABSTRACT

*The development of technology, especially social media, has a significant impact on various aspects of human life, including education. This article aims to examine the effect of students' activeness in WhatsApp and TikTok social networks on changes in students' motivation and interest in learning. The research method used is Systematic Literature Review, which involves collecting, analyzing and identifying relevant sources related to the use of the two applications in the context of education. The results show that the use of TikTok and WhatsApp can positively increase students' learning motivation through the presentation of interesting learning content and easy accessibility of materials. TikTok, with its audio-visual content, assists students in understanding the subject matter in a more enjoyable way, while WhatsApp facilitates effective communication between students and teachers and enables quick and efficient dissemination of learning materials. However, excessive use of both apps also has potential negative impacts, such as dependence and health problems. The conclusion of this study confirms that wise and controlled use of social media can increase students' motivation and interest in learning.*

**Keywords:** Motivation, Systematic Literature Review, Tiktok, Whatsapp

### INTRODUCTION

The development of technology brings many influences and benefits to human life. One of the growing works of technology today is social media. Social networks are widely used by teenagers to find new friends, chat or create groups to discuss academic issues. The existence of social media makes it easier for people to interact remotely with friends, relatives, and others. The most popular social media today are WhatsApp, Facebook, Twitter, Instagram, Tiktok and others illustrate that interactions are carried out online, be it personal, community, or organization, especially among students, for communication and interaction with others. (Ayub, 2022).

TikTok is a social network that uses an audio-visual method, where we can watch videos or moving images while listening to the sound of singing, music or explanations and explanations about the videos we can see. Currently TikTok is one of the media that attracts attention. TikTok is one of the media to channel teenagers' activities and interests into their lives. Some of them even use TikTok as a way to build a business and make a profit from all their activities on TikTok. The effect of using TikTok on student motivation can be seen from the use of TikTok social media has a positive influence on students. With interesting learning content on the TikTok application, students easily get different explanations about learning materials. This convenience leads students to a spirit of independent learning. Students have the desire and desire to succeed and the desire and need to learn.

WhatsApp Messenger is part of social media. Social media is an online application that allows each user to share different content according to its supporting features. The existence of WhatsApp Messenger cannot be separated from the existence of a digital generation that always wants to be updated with various internet technologies. The digital generation tends to learn collaboratively, responds less to lecture teaching methods, wants information that can be obtained individually, and always wants versatile learning materials that are easily accessible through technical devices.

Using WhatsApp as a learning tool offers many advantages. Students can easily access learning materials, consult with lecturers if they have difficulties and represent the materials via mobile phones. Teachers can also send learning materials, assignments and communicate more effectively with students.

This study confirms that the use of WhatsApp has a significant impact on the dissemination of learning information among students. The use of WhatsApp as a learning tool is not only important in the context of learning, but can also be widely applied in education in the future.

WhatsApp is a good learning tool and promotes learning among users, especially students. There are people who motivate through WhatsApp statuses related to studies to shape learning motivation. WhatsApp features are also widely used by teachers, such as the documentation feature. Educators utilize this feature by posting readings or lesson materials that are useful to learn or have been learned in WhatsApp groups for students to read and learn. With the interest of teenagers in using TikTok social networks, this brings teenagers closer to sharing important and unimportant things, such as the latest news with each other, unimportant things such as racism or blasphemy between people. (Kustiawan et al., 2022)..

Learning motivation is a general driving force, both inside and outside the student, which creates desire, desire, enthusiasm and excitement in learning activities to achieve goals. Learning motivation is a desire that arises consciously or unconsciously in students during continuous learning activities to achieve the goals they want to achieve, so that changes in behavior occur.

As teachers of teachers, students must be motivated to learn to achieve goals. The success of the teaching and learning process can be seen in the learning motivation shown by students when carrying out teaching and learning activities. Some factors include students' interest and attention to learning, enthusiasm and responsibility in doing their assignments, the reactions shown by students to the stimulus given by students and students' satisfaction in the results of doing the tasks the teacher gives. (Ansel & Arafat, 2021).

## RESEARCH METHODS

This article uses the Systematic Literature Review method. According to Eva Triandini et al, the Systematic Literature Review method aims to collect, analyze, and identify various relevant sources related to the development of information systems in Indonesia. The method used in this research involves systematic steps, including the formulation of research questions, searching journal literature, setting criteria, selecting literature, presenting data, processing data, and drawing conclusions. The results of this study help in improving understanding of the tiktok and whatsapp platforms in changing student motivation and interest in learning, as well as contributing to the development of more effective and efficient information systems. (Triandini et al., 2019)

## RESULTS AND DISCUSSION

The use of applications, especially social media in learning, both in school and outside of school, will certainly attract student learning motivation but there are also some applications whose influence is still questionable because they only act as entertainment to get rid of children's boredom because of the tight schedule given to students in the current curriculum. (Seraji et al., 2023)..

No.	Researcher	Research Title	Research Analysis
1	Mirannisa & Asyari (2022)	THE INFLUENCE OF TIKTOK SOCIAL MEDIA ON STUDENT INTEREST IN LEARNING MA MIFTAHUL ISHLAH TEMBELOK	This study aims to determine whether there is an influence of TikTok social media on students' interest in learning at MA Miftahul Ishlah Tembelok. This study is a population study with 75 respondents. The results of this study indicate that the use of TikTok social media for students is in the moderate category with a percentage of 59.5%. For the learning interest of MA Miftahul Ishlah Tembelok students, it is included in the moderate category with a percentage of 61.9%. Based on the results of this study, it can be seen that the significance value is 0.000, so that $0.000 < 0.005$ , meaning that $H_0$ is rejected and $H_a$ is accepted, so there is a positive and significant influence between TikTok social media and interest in learning.
2	Bujuri et al., 2023	The Use of Social Media in Learning: An Analysis of the Impact of Tiktok Media Use on Student Learning Motivation in Elementary Schools	This study aims to determine how students use the TikTok application and the impact of the TikTok application on student learning motivation. Data regarding the impact of using TikTok social media on student learning motivation was collected through observation, interviews, and documentation. The results of this study conclude that students' use of the TikTok application is influenced by the presence of an adequate signal, the availability of a supporting internet quota, and various interesting content available in the TikTok application. The use of

No.	Researcher	Research Title	Research Analysis
			TikTok social media has a positive impact on students such as increasing students' learning motivation, including the desire and desire to succeed, the encouragement and need to learn, and students' enthusiasm in participating in learning.
3	Eka Indaryani & Dwi Suliworo 2018	The impact of WhatsApp utilization in increasing student learning motivation in physics lessons	This study aims to determine the impact of whatsapp utilization in increasing student learning motivation in physics lessons. Motivation data was analyzed using the results of the study with the use as a predictor to determine student learning outcomes. With the use of whatsapp, it shows that the correlation between the two variables is 0.776, this shows that there is a correlation between the pretest-posttest. While the significant value is $0.00 < 0.05$ then $H_0$ is accepted, there is a significant increase in student learning outcomes before and after using whatsapp in physics learning. And for the assessment of student learning motivation, a percentage of 80.31% was obtained. The results of the analysis and discussion can be concluded that there is an increase in the impact of utilizing whatsapp in increasing student learning motivation in physics lessons.

TikTok social media is an application that provides unique and interesting special effects that make it easy for users (students) of this application to easily create cool short videos that can attract the attention of many people who see it, supported by music, and very popular among many people including adults and children, especially students.

The use of social media positively helps increase students' interest in learning, because the use of social media especially TikTok social media allows children to play while learning. In line with Sukardi's opinion, interest in learning is a mental framework consisting of a combination of movements and a mixture of emotions, prejudices, fears, and other tendencies that usually lead individuals to certain choices.

By actively using social media in a positive way, students can play while learning, developing students' motivation and enthusiasm for learning. For example, in TikTok social media, students can use it for stress release or relieve stress by viewing light and educational content, can be a fun learning media, and make schoolwork more fun. (Asyari & Mirannisa, 2022)..

The relationship that can be observed from the use of the TikTok application to learning motivation is that this application is understood as an interesting application and can make people who use it feel happy and excited, this in itself when associated with elements of learning motivation is very possible to be used as one of the aspects that can be used as a learning motivation.

Increase a student's learning motivation. As explained by Maria Cleopatra in her journal that motivation is energy in a person characterized by feeling and preceded by a response to a goal. However, the use of social media cannot be separated from the negative impact by its users. As revealed by Andara, et al in their research that the negative impact that often arises in elementary school students is content that is not suitable for their age and even makes them indicated addicted to these contents. (Cleopatra, 2015).

WhatsApp Messenger is a popular technology that has the potential to be utilized as a learning tool, and in WhatsApp messenger there is a WhatsApp Group that can build a fun learning related to various discussion topics provided by the teacher. The existence of WhatsApp messenger is inseparable from the existence of Net Gen or digital generation who always want to update various internet-based technologies. The digital generation has a tendency to learn collaboratively, does not have a good response to lecture learning methods, wants information that they can receive individually, and always wants various kinds of learning materials that can be accessed easily through technological devices. (Indaryani & Suliworo, 2018)..

Rembe and Bere revealed that the Whatsapp Messenger application can increase student learning motivation, accelerate learning groups in building and developing knowledge. (Rambe & Bere, 2013)..

Interest in learning is an internal drive that a student may have to improve their learning habits. Interest in learning will increase because students want to get the best grades or win competition in learning with other students. students who have a high interest in learning tend to be hardworking, persistent, enthusiastic about learning, unyielding and eager to face challenges. (Akhmad Asyari & Mirannisa, 2022)

There are several positive impacts of using the TikTok and WhatsApp application platforms, first, there is a desire and desire to succeed, which means that there is an element of intentionality in learning. (Uruk, 2021). The desire and desire to succeed in learning and in everyday life are generally called achievement motives, namely the motive to succeed in carrying out a task and work or the motive to obtain perfection. To achieve this perfection, of course, requires various supporting media, one of which is by utilizing the TikTok application as a means of learning to achieve goals (Hosen et al., 2021). (Hosen et al., 2021).

Second, there are encouragement and needs in learning. There is an impetus that arises because of their own desires, namely with the aim of being a means of entertainment and as a place to hone the abilities and creativity of students, there is also an impetus that arises because accessing TikTok can add knowledge and knowledge that has never been known.

Third, there are hopes and aspirations for the future. students use the TikTok application in order to learn English to achieve their goals, namely studying abroad. This is also in line with Uno's opinion that students who have clear hopes and aspirations always fulfill their learning needs. (Uno, 2013).

Fourth, there are interesting activities in learning. To create interesting learning by utilizing the TikTok application to implement interesting learning. If in learning can create a pleasant and memorable learning atmosphere, this will certainly attract students to be actively involved in learning activities so that learning objectives can be achieved optimally.

Fifth, there are rewards in learning. Rewards for good behavior or good learning results are the easiest and most effective way to increase student motivation to better learning outcomes. Rewards are a form of learning motivation that can stimulate students to get good achievements in the future. (Djamarah & Zain, 2010).

However, in addition to the positive impacts, the use of these platforms also has negative impacts. Among them is that it can interfere with health. The use of gadgets for too long can have an impact that is not good for health. eye health problems such as sore, watery and red eyes due to exposure to radiation rays from using gadgets too often. In addition to eye problems, students at SDN 04 Rambang also complained of back pain and insomnia due to playing games and accessing applications on their gadgets. (Shorter et al., 2022)

Next is dependence. One of the negative impacts of gadget use on students is that it can cause dependence. If students do not hold a cellphone in a day, students will feel something is missing and even feel bored.

The TikTok application by students can have a positive effect on student learning motivation. Through a variety of interesting educational content in the TikTok application, students find it easy to obtain various explanations of subject matter. This convenience results in students being more enthusiastic about learning independently. Students have a desire and desire to succeed, and there are encouragement and needs in learning. In fact, the TikTok application can also increase student knowledge, and stimulate student creativity. However, excessive use of the TikTok application causes students to become dependent which can have an impact on physical and mental health problems.

## CONCLUSION

The use of WhatsApp and TikTok social networks has a significant influence on students' motivation and interest in learning. Through TikTok, students can access engaging and interactive learning content, which helps them understand the subject matter better and boosts their independent learning spirit. WhatsApp, on the other hand, facilitates communication between students and teachers, enables effective dissemination of learning materials, and supports collaborative learning. Nonetheless, uncontrolled use of these apps can lead to negative impacts, such as addiction and health problems. Therefore, it is important for educators and parents to monitor and direct students' use of social media so that the benefits can be maximized without causing adverse side effects. This study concludes that the wise use of social media can be an effective tool in increasing students' motivation and interest in learning, provided it is used within reasonable limits and with clear objectives.

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