Increasing student achievement motivation during online learning activities

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Abstract. Learning motivation to engage students has been a challenge in building and learning. This study studied the effectiveness of learning using online media in improving student academic achievement and increasing student motivation in online learning. This type of research includes literature research as an information activity that is relevant to the topic used as the research object. The purpose of this study was to explain online learning in improving students' academic achievement and facilitate them for all kinds of learning interactions. This research may be useful in supporting the idea that evaluation of online learning is important for students who have good learning motivation. In line with the findings obtained, this study provides operational advice on how to increase student interest and motivation in online learning activities namely a systematic review of the study of students' motivational interest in online learning activities in the type of learning environment and how to increase student motivation in terms of the importance of students in increasing learning activities. In addition to that, study analytics to understand learners at a very subtle level is necessary to provide the most appropriate support for students.

1. Introduction

The development of science and information technology in recent years has developed at a very rapid pace. This development has changed the paradigm of society in seeking and obtaining information, which is no longer limited to newspaper, audio-visual, and electronic information, but also other sources of information, one of which is through the internet. The learning process is one part of education, education is vital and has become a necessity for every human being [1]. Education plays an important role in advancing human civilization, education itself is a system composed of several components that are made into one function, namely depending on one another, interacting with each other to achieve an educational goal [2]. Online learning does provide varied learning media such as instructional video media that is connected to social media or digitally systemized topics. The advancement of learning technology must be supported by adequate facilities and infrastructure, such as internet [3]. Online learning will run well if internet access can reach all regions, so that online education can truly be enjoyed by various levels of society. It should also be remembered that no matter how great the progress of learning technology is, it certainly has advantages and disadvantages, so conventional learning is still needed [4].
Students can become less active in conveying their aspirations and thoughts, so that it can lead to saturated learning [5]. A student who experiences boredom in learning will experience progress in learning outcomes. Therefore, a driving force is needed to move students so that they are enthusiastic about learning so that they can have learning achievement [6]. Student achievement motivation is a desire that exists within students that encourages these students to strive to achieve a standard or measure of excellence. The measure of excellence is obtained by reference to other people's achievements, but also by comparing the achievements made previously. Achievement motivation is an ability that comes from itself to achieve success in an efficient way to get maximum results [7]. The purpose of this research is to find out learning activities online and how to build student achievement motivation during the learning process. The online learning system is a learning system without face-to-face learning between teachers and students but is carried out online using the internet network [8]. Delivery of material online can be interactive so that learning participants are able to interact with computers as a learning medium. The learning system is implemented through a personal computer (PC) or laptop connected to an internet network connection [9]. Teachers can learn together at the same time using groups on social media such as WhatsApp, telegram, Instagram, Zoom, Google Meet or other media as learning media [10]. Thus, the teacher can ensure students take part in learning at the same time, even in different places. In this case computers and the internet will later get more effective and better learning outcomes than conventional learning [11].

2. Literature Review
This research was conducted through a Systematic Literature Review (SLR). The literature review in this study comes from Science Direct, Springer, and others [12]. This study reviews a survey of scientific articles and other sources relevant to increasing student motivation in online learning activities and in doing so, provides a description, summary [13].

2.1. Online Learning
Online learning does require personal responsibility, independence, and persistence because no one controls the learning except the students themselves. Students must download and read the material sent by the teacher, answer questions, and submit assignments independently. Online learning will provide better performance for students than conventional learning, because besides being knowledgeable they also understand technology. The advantage of online learning is that it is a fun medium causing student to be interested in online programs. Students who learn well will quickly understand computers or be able to quickly develop the necessary computer skills, by accessing the website students can study anywhere at any time.

2.2. Motivation to Learn in Students
Motivation to learn is internal and external encouragement to students who are learning to make changes in behavior, generally with several indicators or supporting elements. It has a big role in one's success in learning. Learning motivation indicators can be classified as follows: 1) desire to succeed; 2) encouragement and need in learning; 3) future hopes and aspirations; 4) appreciation in learning; 6) interesting activities in learning; and 7) a conducive learning environment.

2.3. Increase Student Motivation in Learning
Student motivation to learn is very important for the achievement of student performance or learning achievement. In this context, of course it is the duty and obligation of the teacher to always be able to maintain and increase the learning motivation of their students and to find ways to increase students' enthusiasm for learning, how to foster a decreased enthusiasm for learning, how to increase self-learning motivation, and how to foster learning motivation in themselves. Fostering student learning motivation that teachers may apply are as follows: 1) providing learning variations so that students can stay motivated and concentrated in learning; 2) efforts to increase student learning motivation the second is to make students active participants by using learning methods by giving students a task in the form of...
a simulation of solving a problem to foster motivation in learning; 3) a conducive online learning classroom atmosphere.

3. Research Method
The research method was literature research as data and information relevant to the research topic (Dasrun & Noeraida, 2020). Although it is a study, research with literature studies does not have to go to the field and meet with respondents. The data required in the research can be obtained from library or document sources. According to (Zed, 2014), in library research, literature searches are not only for the initial step of preparing a research framework but also utilizing library sources to obtain research data. In the context of this research is the communication experience following online learning. The data analysis technique was carried out by conducting a study of books and articles on student achievement motivation during bold learning. Perceptions about online communication are constructed by other individuals to produce perceptions or mutual agreement about the online communication experience. Motivation to learn from the 6 indicators as follows 1) desire to succeed, 2) desire and need in learning, 3) the existence of hopes and aspirations for the future, 4) the existence of appreciation in learning, 5) the existence of interesting activities in learning, and 6) conducive learning environment.

4. Result and Discussion
There is a presentation of data carried out in this literature research in increasing student motivation during online learning activities. This research presents the research discussion as follows.

4.1. Increasing Student Understanding in Online Learning
Distance learning or online learning is a type of learning where children start learning from their homes without needing to go to school. This emphasizes the importance of mastering technology for a teacher so that distance learning continues to run effectively during a pandemic like this. Online learning expands the learning community between one student and another student to have better access to communication compared to face-to-face discussions which are limited by space and time. Even good face-to-face discussions still have problems, where there is a tendency for students to care less about what their peers say. Innovations in education will also include various ways that teachers can convey their knowledge to students. One of them is using the WhatsApp group, where the previous teacher will make a learning video and then send it to the group to observe by the students. Teachers must innovate and understand students in learning, including by utilizing technology in learning. Since learning has been implemented at home, some teachers have learned through online media such as WhatsApp, Telegram, Instagram, Zoom, Google Meet or other media as learning media.

4.2. Socialization of Online Learning to Students
The school organizes online learning socialization for students to parents or guardians of students so that it is easy to understand. At the beginning of online learning, the homeroom teacher has identified and had data on the student's condition. The data in question was the facilities and support that students use for learning media at home. There were still students who have recorded problems with Android, network, and internet access data packages. To overcome this, teachers at school recommend collaborating with the closest friends of the parents of students. On the socialization, the teacher or homeroom teacher also informs the curriculum applied in schools. In essence, the curriculum is a tool for developing character, knowledge, and skills. Online learning has advantages that other learning strategies do not have because it is not bound by time and space. This means that students can follow the learning process carried out by the teacher anytime and anywhere. Students do not need to come to school early in the morning and come home late from school and students can also do learning activities while being accompanied by their parents at home.
4.3. Implementation of Online Learning Activities
In addition, other benefits of the online learning model are parents can supervise their children learning, making students or teachers become technology literate, accelerating the 5.0 era, and improving abilities in the field of technology science. Students also become more creative in completing their assignments, can condition themselves as comfortable as possible to learn without formal rules. There are five factors in implementing learning at home. The teacher provides teaching materials for learning to be applied [1]. The learning process at home is carried out using various alternative online media including WhatsApp, Telegram, Instagram, Zoom, Google Meet or other media as learning media [2]. Students study subject matter and do assignments given by the teacher [3]. The teacher monitors the implementation of online learning [4]. The teacher provides an explanation if the questions are from students and also makes feedback on the online learning that has been done [5]. The purpose of implementing online learning model activities at this time is to prepare students who are ready to compete in the digital era, the learning process becomes more relaxed, diligent in arranging deadlines for doing assignments or studying the material given sending assignments on time and having more time to study.

4.4. Efforts to Generate Student Motivation in Learning Activities
The learning objective is to achieve success with optimal performance. The learning process will achieve success if students have good learning motivation. Teachers as educators and motivators must motivate students to learn in order to achieve the desired goals and behavior. To achieve optimal learning outcomes requires teacher creativity in arousing the students’ motivation by clarifying the goals to be achieved [1], generating student interest [2], creating a pleasant atmosphere in learning [3], giving an assessment [4], giving comments on student work results [5], creating competition and collaboration [6]. Teachers must be creative and innovative in carrying out learning tasks. Student learning motivation has an important position in achieving the learning goals that have been set. The emergence of motivation is not solely from the students themselves but teachers must be involved to motivate student learning. The existence of motivation will provide enthusiasm so that students will know the direction of learning. Motivation to learn can arise when students have a desire to learn. Therefore, the motivation must be in students so that the learning objectives that have been formulated can be achieved optimally.

5. Conclusion
The results of studies conducted by reviewing journals as described can be considered generally indicating the weaknesses of online learning. The advantages of online learning can help students enrich the material through internet access. Online classes are also more flexible, there is no time and space. While the weakness is, the technical level of the network is experiencing disruption resulting in student interference. Tethering the implementation of learning, namely the first that does not have an internet network when students are at home so that not all students receive the assignments sent by the teacher, while the teacher can deliver it anytime. Training for teachers of subjects that have not been tested in national exams so that they can take advantage of and build online classrooms in learning activities. This study aims to see the increase in the students’ motivation in bold learning. Bold learning is learning that uses internet networks with accessibility, connectivity, flexibility, and the ability to limit various types of learning interactions. Evaluation on online learning is important to do. This is done by evaluating online learning, so it can be seen whether learning can be carried out or not. If it is deemed ineffective, modifications should be made to the learning system according to the needs of students besides that learning motivation also has an important role in supporting student learning.

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