

# Self-Managed Learning in Online Learning

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## ABSTRACT

This study aims to find out the benefits of self-managed learning in online learning. As we know, the world is currently facing a pandemic, in which most agendas are delayed and must be carried out online. Like education. Education as one of the sectors affected by the pandemic covid19 is undergoing a significant change. Starting from the policy to the implementation of learning. In online learning, students are expected to be able to apply independent learning to support online learning to understand the material well. The method in this research is descriptive qualitative by taking data through in-depth interviews with practitioners in the field of Education. The benefits of independent learning are that students can manage their learning time well, have responsibility for the material being studied, are free to choose teaching materials that are appropriate to the material and interests, and practice to improve their critical thinking skills.

**Keywords:** *Self-Managed Learning, Online Learning, Learning Responsibility*

## 1. INTRODUCTION

Learning is a process of transferring knowledge from teachers to students. Learning provides an overview of the process components in the implemented curriculum. [1][2]. Learning carried out by teachers to students can occur in the classroom, outside the classroom, and in the laboratory depending on the needs and learning objectives. Effective learning can support the output of learning. In the era of the industrial revolution 4.0, the use of technology was one of the things that the world of education was eyeing to be able to improve the quality of education and learning.

Today, the world is developing by following a global environment with fairly tight competition. Therefore, awareness and innovation are needed from various parties. In relation to learning, both lecturers and students should strive to understand the wide competition with various innovations. As written greetings one of the articles, that leadership and innovation in the very important developed in the study of curriculum and system of the university. [3][4][5][6]

The use of technology during the 4.0 industrial revolution era became very popular and was used in various circles. [7][8]. Increasing quality human resources and mastering various modern technologies will become the main capital in the use of technology in the world of education. This technology is very helpful

for activities in the world of education including learning carried out by lecturers with the students.

Thus, technology can be optimally utilized when it is needed, especially during the Coronavirus pandemic as is currently happening.[9] Covid19 is a virus that is currently endemic in most countries in the world and has caused several human activities to be disrupted and even cancel. One of the activities affected by the covid19 is learning in the world of education. This self-learning can be further improved through the use of technology. The use of this technology can support the learning curriculum. [10]

Covid19 as the cause of the current health crisis in the world requires all countries to close learning activities at schools and universities. The world of education seems to have to stop spreading knowledge. For example, student exchanges must be stopped. [11]. New policies must be implemented immediately as an alternative to address the education problem due to the impact of the Covid19 virus. Most countries are currently introducing various online learning solutions to keep learning in times of pandemic such as online libraries, TV broadcasts and video lectures. [12]. Currently, all educational institutions make policies to continue to be able to deliver teaching materials in the midst of the Covid19 outbreak. The way this is done is by using internet media or online-based distance

learning that utilizes modern technology including the use of tools in the form of laptops or smartphones and other supporting media.

Online learning is learning that utilizes internet networks with accessibility, connectivity, flexibility, and the ability to generate various learning interactions. [13]. The government as a policy provider regarding the implementation of learning seeks to improve the quality and quantity of education through policy designs during the Covid 19 pandemic. As actors in government policy, universities are required to be ready to carry out online learning. Online learning should be a separate curriculum in the implementation of learning in higher education.

Learning that is carried out online is of course different from face-to-face learning. Apart from being required to master technology, students are required to manage learning personally. Learning must be managed independently by students in addition to receiving material explanations from the teacher. Self-managed learning in online learning will provide benefits for students.

Self-managed is usually used in the workplace with the aim of increasing productivity, innovation, and commitment from the workforce. However, for some time, the application of Self-managed has expanded to the world of education, especially in terms of implementing learning in universities. Self-managed learning is an ideal learning. Self-managed learning requires students to take responsibility for their learning. [14][15] Self-managed learning is one of the characteristics of higher education for students to carry out their learning responsibilities. [16][17]. The notion of self-managed learning is very simple, but it is related to how a student can be responsible for the decision to manage his learning to achieve maximum results. In learning process, students are given the freedom to embrace knowledge widely with perceptions as an early indication of academic quality. [18]. In addition, students' initial perceptions can be used to develop an idea for a program and its evaluation. [19]

In learning activities, the application of self-managed learning is needed to foster a sense of responsibility from students in learning. In this pandemic, online learning is more demanding for students to study independently and manage their learning due to limited face-to-face meetings with lecturers. Self-managed learning in online learning in addition to requiring students to learn to be responsible for their learning also requires students to better recognize their own abilities and ways of learning. Understanding how to learn on your own is the best way to maximize your potential in your own way. A student will be more interested and motivated to learn if the

teacher frees students to learn in their own way [20]. This article will discuss students' perceptions about online learning, the benefits of self-managed learning in online learning, and the development of self-managed learning for students, especially in online learning.

## **2. METHOD**

The method in this research is descriptive qualitative research. Qualitative research is seen as a gradual process in a cycle that starts from identifying the problems and issues of the subject to be studied. The data collection method was carried out by in-depth interviews with online learning actors. Retrieval of data in this study aims to obtain an overview of the impact of online learning during the Covid19 pandemic and the application of self-managed learning in the implementation of online learning.

The subjects of this study were students who had carried out online learning during the Covid19 pandemic. Furthermore, it will be analyzed how students' perceptions about the implementation of online learning and the importance of implementing Self-managed learning in online learning.

## **3. RESULT AND DISCUSSION**

### ***3.1. Student Perceptions in Online Learning***

The pandemic caused by this coronavirus made the entire learning system in higher education be carried out in an online or online system. All activities are not only in terms of learning, but also other non-academic activities are carried out online. This of course has a negative and positive impact. In Indonesia, as a developing country, it has several problems in implementing online learning. Based on the observations made, these problems are on average caused by network constraints from some areas that are not getting enough signal from several providers.

The author as a practitioner in the field of education, in his experience while doing online learning has the same problem, namely the difficulty of network connections from some students because the online learning system is mostly carried out at home or in the student's area of origin. Some of the obstacles according to observations from researchers are described as follows.

- a. Difficulty students in obtaining signals to be able to connect to online learning
- b. Students will spend more to buy internet quota
- c. Students who are used to face-to-face learning will find it difficult to do online learning

- d. Makes students less interacts with their friends during study so that the difficulty in understanding the material is very limited in resolution.

At the beginning of online learning, students felt that learning carried out online was the same as a long holiday. After they realized that online learning was basically continuing to carry out teaching and learning activities, there was a sense of boredom experienced by students because they did not interact with their friends. This motivates a lecturer to create interesting and fun learning media to reduce student boredom. In another study, it was mentioned that some of the impacts of online learning include students being forced to learn remotely with inadequate facilities and infrastructure at home. [11]. However, the impact of online learning in another study states that the application of online learning through online modules has significantly better results than face-to-face compulsory service. [21]

Besides the shortcomings found in the online learning system, some of the advantages of the online learning system can be written as follows.

- a. The place to learn is more flexible, it can be done anywhere
- b. The implementation time does not have to depend on the schedule, but can be adjusted according to mutual agreement
- c. Demanding students to be more creative in utilizing technology because online learning is very technology-based.

Apart from these advantages, according to the results of the interview, online learning saves more student expenses. Usually, students have to come to campus, with the online learning system students only study at home and this greatly saves student expenses.

### **3.2. The Importance of Self-Managed Learning**

Seeing the advantages and disadvantages of online learning from student perceptions, self-managed learning is needed to help students understand their potential in learning and teach students to be responsible for their learning. The application of self-managed learning itself begins with self-discipline in managing learning hours, making a checklist reminder, making learning priorities, and managing independent study schedules. Creating an independent study schedule not only determines study time, but the most important thing is how students can consistently carry out the schedule that has been made.

The application of self-managed learning to students in addition to teaching independence in learning, in academic and non-academic terms also affects student

learning achievement. From an academic point of view, Self-managed learning can help students improve cognitive learning outcomes, increase critical thinking skills because students are required to learn to analyze new things they learn. From a non-academic perspective, Self-managed learning makes students more responsible and able to learn to manage time well.

Self-managed learning is important because of limited resources and providing students with knowledge that learning is lifelong. [16]. Seeing this understanding, students in online learning are required to be able to implement their learning obligations and independent responsibilities in learning. In addition, self-development is meant by increasing non-academic abilities such as managing study time and consequent learning actions. In a survey conducted by researchers, participants agreed that self-managed learning was useful for increasing a sense of responsibility for learning.

- a. In online learning, lecturers do not monitor students' learning conditions at any time during the learning process, with the presence of Self-managed learning, students can manage themselves to have a sense of responsibility in learning
- b. Self-managed learning indirectly provides enthusiasm for learning for students in addition to motivation from people, parents and lecturers.
- c. Self-managed learning improves students' critical thinking skills because students are used to analyzing case studies in the learning process. [20]

In addition to the results of the survey conducted on students, according to the theory of the benefits of self-managed learning are as follows.

- a. There is more material to be learned than waiting for the teacher / lecturer to teach.
- b. Learning is carried out in a more directed manner and with greater motivation.
- c. Increase self-confidence and learning capacity. [8]
- d. View problems as challenges and enjoy learning more. [22]

### **3.3. Development of Self-managed Learning in online learning**

Before explaining the development of Self-managed learning in online learning, we will first discuss how a teacher teaches how to manage their academic performance. Self-management is very important to achieve academic success. [22]. Self-management is defined as the personal application of behavior change that results in the desired behavior change. [22]. Here

are some ways to teach students in managing their academic performance. [22]

- a. Use self-management software. In simple conditions, students can use sticky notes to record various activity agendas and study schedules, also deadlines. However, nowadays there are many applications to record daily agendas. For example, applications offered by Google such as the Google Calendar.
- b. Use a planner to prioritize assignments. Students can record the assignment agenda given by the lecturer into a diary to help them plan and organize their study time.
- c. Use a self-determination contract. Encourage students to plan, work on, evaluate, and adjust. Students can record the time for completing assignments, how long it takes, and how the results of the achievement of the assignment are.

From some of the criteria for the method above, it turns out that this method can be used to develop student self-managed learning. Some of the methods developed above can increase student independence because they can foster self-managed learning from themselves. Based on a survey conducted by researchers, several ways that can be done to develop self-managed learning are as follows.

- a. Starting self-discipline in learning

Discipline in learning can be done by managing learning time and being consistent with the decisions taken. For example, a student determines his study time for 1 hour every night, then the student must obey the rules that have been made to foster discipline in learning. This discipline in learning will be useful for student life in the world of work. Therefore, starting discipline in all activities is very important.

- b. Finding a better way of learning for yourself

Every student has different abilities and different interests in determining their learning style. Different learning styles make interest in applying different learning methods. Students can determine for themselves how they learn to maximize learning outcomes and critical thinking skills.

- c. Making a priority scale checklist Priority

Scale is not only used to determine which goods will be consumed in economics. The priority scale in learning is more emphasized on which ones are more urgent to do and which are not urgent to do. Making this priority scale can be done by writing on a notebook or sticky note or timetable which can make it easier for students to control the agenda.

- d. Foster self-motivation to learn better

Motivation in learning is very important in learning activities. Motivation can be accepted by students from internal and external. External motivation can be through parents, teachers / lecturers, close friends, or from their environment. While the internal factors come from themselves which must be controlled by students. If you lose control of self-motivation in learning, student learning activities will be disrupted. Therefore it is very important to foster self-motivation in learning.

#### 4. CONCLUSION

Online learning during the 2019 coronavirus pandemic has several weaknesses and strengths in its implementation. However, as citizens who have concern for the quality of education, both universities and students try to do it as well as possible. In online learning, self-managed learning is needed in its implementation to further motivate students. In addition, the benefits of self-managed learning are to give students the freedom to learn according to their wishes and be responsible for what they do. Therefore, Self-managed learning can foster a sense of responsibility for students in learning.

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