

STUDENT BEHAVIOR TOWARDS ONLINE LEARNING SYSTEMS DURING THE COV.19 PANDEMIC

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Abstract.

This research was initiated from the confusion of lecturers and students, especially those who do face-to-face learning, although there are universities that specialize in online distance learning such as the Open University. This change in the online learning system changes student behavior from face-to-face to virtual. The impact of online learning media begins with the stagnation of the metamorphosed learning system for the better, especially the behavior of students who have to change a lot in online learning. This research was studied qualitatively based on journal literature and observations were made to Untirta students who experienced learning difficulties. The results of the study state that many universities make Internet-based applications that are familiar with the term e-learning (both in the form of websites and applications). Not only that, but it is also necessary to develop an internet-based information system application that is easy to use from day to day, students feel enthusiastic about online learning for internet access/good signal, and vice versa experience a dilemma if the signal is not good and student economic factors also influence.

Key-words. : Behavior, learning, online

Introduction

The beginning of the pandemic entered Indonesia around March 2020, which shook the world of education in Indonesia. Various learning systems experience many obstacles because no one can predict conditions like this. The process of teaching and learning activities, especially in higher education, is initiated by lecturers, some of whom are already using online learning, such as Edmodo. Other alternative learning media have begun to be used, some are using Edmodo to resume, some are using existing social media facilities to communicate, such as social WhatsApp groups, some are using zoom, even though students complain about sucking up the quota, some are using google meetings to switch to google classroom and so on. Especially for PTNs that already use online for learning, of course, there are not many obstacles, such as the Open University, but for PTNs that have not used online, there are many obstacles, especially private universities with a limited budget from students making a budget for online facilities that costs a lot.

The spread of the coronavirus has grown rapidly, reaching 33 countries around the world. From the acceleration of the virus, there were 78,966 deaths in early 2020 with the addition of 2,468 deaths (Meiza, A., Hanifah, F. S., Nathanael, Y., & Nurdin, 2020). This acceleration of the spread has made the World Health Organization WHO on March 11, 2020, set as the day for the spread of the corona pandemic (Syaharuddin, 2020). Besides the impact of death from this virus, the UNESCO organization noted a report that there were 290 million people (Emiyati, 2020) impacting the disruption of students and students in the teaching and learning process. This study seeks to reveal the online learning system used by students from elementary school, high school, to tertiary education levels (Purwanto, A., Pramono, R., Asbari, M., Hyun, CC, Wijayanti, LM, & Putri, 2020) in the teaching and learning process applied by lecturers to students. This has resulted in the behavior of individual students experiencing a decline during this pandemic. Individual behavior is a person's behavior in doing something or the way he acts on an activity by using their skills or brain. The existence of skills cannot be separated from background or knowledge. In an organization, individual behavior reflects each individual's behavior towards his friends where if he treats his theme well then a relationship between fellow students and individuals is well established so that cooperation within the organization can run well. The COVID-19 pandemic has made social distancing arrangements implemented in all educational institutions in Indonesia and even throughout the world, including universities (Meiza, A., Hanifah, F. S., Nathanael, Y., & Nurdin, 2020). All teaching and learning activities on campus switch to online learning using various teaching media, such as Zoom, WhatsApp groups, Google classmate, E-learning, (Ferdiana, 2020), and many other media. For universities that have just started online learning, the enthusiasm of students to take part in online learning is a very important issue to discuss. This study aims to determine the impact of online learning media that can make students enthusiastic about attending lectures and individual behavior in participating in learning from the Covid-19 pandemic era. And this research was also carried out as a university strategy in maintaining student enthusiasm so that they can continue to be enthusiastic about online learning during the COVID-19 Pandemic.

Materials and methods

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cooperation within the organization can run well. The most contributing psychological concepts in the science of Organizational Behavior, (Pratisti, W. D., & Yuwono, 2018) (Razali, M., Jantan, R., & Hashim, 2003):

- a) Values Values are fundamental beliefs in a person where certain rules or final conditions that already exist according to a person or social group can conflict with other final rules or conditions. Values consist of individual thoughts that have a moral “feel”, such as rights, virtues, or desires. The selection of values forms a value system.
- b) Attitudes, Attitude is a complex combination of personality, beliefs, values, behavior, and motivation. A person's attitude towards health prevention, for example, will direct us to the person's 'thinking' about health prevention, as well as to the person's 'feeling' of health prevention, including the person's 'behavior' in preventing disease. Thus the attitude consists of three important components, namely 1) affective or feeling; 2) cognitive or belief/opinion; and 3) behavior or actions.
- c) Perception Perception is a process in which a person organizes and interprets the sensors/stimuli he receives to interpret environmental conditions. It could be, what a person perceives is different from the reality of the object. For example, when someone applies for a job, various positive and negative perceptions will appear in his mind such as a magnificent building, pleasant facilities, high salary, low work discipline, inflexible working hours, and so on. In reality, this perception is never 100% the same as the reality that will be faced later.
- d) Learning (learning) Understanding learning or learning in behavioral science is not just a process of seeking knowledge in school. More than that, the learning process involves various psychological aspects in human life. (Robbins, 2003) defines learning as various relatively permanent behavioral changes in individuals that occur as a result of experience.
- e) Characteristics, Behavior is a function of the interaction between individuals and their environment. Behavior is determined by 2 factors or characteristics, namely individual characteristics and environmental characteristics. Individual characteristics that influence individual behavior: abilities, needs, beliefs, expectations, and past experiences. Characteristics of the environment (organization) that influence: hierarchy, task, authority, reward system, control system, and so on. Behavioral components, From the personality theory proposed by Sigmund Freud, provide 3 basic components of individual behavior, including (Amalia, 2016) (Suryabrata, 2011) (Semiu, 2013):
 - a) Conception of the Id, a subsystem of personality which is the source and accommodates all the soul forces that cause the functioning of a system. Libido and Aggression are personality elements of the Id element which are related to conscience, desire, and desire to pursue pleasure & satisfaction.
 - b) Conception of the Ego, representing logic that is connected with the principles of reality and is a subsystem that has a dual function, namely serving and controlling (intermediate) the other two sides (Id & Super Ego), by interacting with the world or the external environment.
 - c) Conception of the Super-Ego, the moral strength of the personality which is the source of the values, norms, and ethics adopted by a person and allows the ego to decide whether something is right or wrong. If someone has a good superego, then that person will have a high level of spiritual intelligence.

At the end of December 2019, a doctor named Li identified the emergence of the Coronavirus in a patient who was seeking treatment for him. Li presented his findings to the Chinese State Government, but it was deemed fake news. From this simple thing, a phenomenon occurred that resulted in a new pandemic for the world (Khan & Fahad, 2020). The beginning of the pandemic was caused by the emergence of the Coronavirus (2019-nCoV) in the city of Wuhan, one of the cities in China, where individuals who were attacked by the Coronavirus experienced pneumonia or pneumonia, fluid buildup in the lungs, respiratory problems due to leakage of fluid in the lungs. lungs, decreased organ function, especially the lungs, which later died (Chen et al., 2020). The Coronavirus is spreading rapidly globally and has a direct impact on 33 countries in various parts of the world that have been affected by the Coronavirus. Where 33 countries infected with the Coronavirus reported that there were 78,966 cases of death caused by the Coronavirus at the beginning of 2020 and the death rate increased by about 2,468 cases of death every day due to the Coronavirus (Khan & Fahad, 2020). The very fast transmission and the increasing number of cases caused WHO to decide on March 11, 2020, as the day of the Corona Pandemic (Mona, 2020). In addition to causing death, based on data from UNESCO, there are 290 million students (students and students) who are disturbed in the learning process, as a result of the closure of schools and campuses (Purwanto et al. 2020). One of the countries affected by the Coronavirus is Indonesia. At the beginning of the information reported by the mass media, it was reported that three people from Depok were designated as the first positive patients in Indonesia (Suminar, 2020). In Indonesia, the virus (2019-nCoV) is known as COVID-19. The increase in cases of people who are positive for COVID-19 has created a sense of panic for the Indonesian people over COVID-19 and the Government. To reduce the panic, the world health institutions introduced terms that are familiar but must be done by every citizen around the world. The terms meant are 'social distancing' or 'social distance', 'physical distancing', 'self-quarantine'. These three terms have become very familiar to the people of Indonesia, even people around the world know that the three terms are used to deal with COVID-19. Social distancing arrangements are implemented to avoid and break the chain of the spread of COVID-19, where this is done to reduce the frequency of meeting physically from one person to another, so that the spread of COVID-19 can be stopped, even in several countries such as China, Spain, Italy, Malaysia. and many other countries implement a lockdown system by closing all public access and transportation (Mona, 2020). Maragakis (2020) said that in social distancing settings, a distance of at least six feet or about 2 meters is needed to interact with other people, use face coverings/masks, and maintain personal hygiene in areas where the transmission rate is significant. Another example of social and physical distancing that allows individuals to avoid larger crowds or crowded spaces is working from home (Work From Home) instead of working in an office. In the world of education, WFH is implemented by closing all teaching and learning activities at school or on campus and switching to online learning. Several universities in Indonesia have

implemented blended learning system technology or hybrid courses, namely a learning process that combines online and face-to-face learning between lecturers and students. However, due to COVID-19, all universities in Indonesia and even around the world are required to implement Information Technology (IT) to be used as online learning media. Teachers, educators, and students, especially in Indonesia, really feel the impact of COVID-19, which according to Wahyudi (2020), has caused various panics at the university level who are not ready to teach online. Based on the Circular of the Minister of Education and Culture of the Republic of Indonesia No. 3 of 2020 concerning the Prevention of COVID-19 in the Education unit, all higher education in Indonesia, took firm steps at the government's call to carry out learning activities from home. Although the problem of implementing Information Technology (IT) in Universities in Indonesia is one of the interesting themes for researchers and practitioners in Information Systems disciplines since two decades ago (Irfan et al., 2019).

Results

The COVID-19 pandemic is a condition where a virus has spread widely throughout the world. This virus attacks the respiratory system in humans. The COVID-19 pandemic has been going on for about 2 years. So it is because of this that many encourage drastic changes to education in Indonesia. To minimize the spread of this virus, the government took action by creating policies in the form of all activities that caused the gathering of many people to be eliminated and replaced by doing it online or at home. So that the education system inevitably has to be implemented online. Because after all the conditions, education is very important to be given to all students in Indonesia even though it is limited by space and distance which can only be done through today's technology. This online learning is carried out at home by utilizing various applications that have been provided such as Zoom Meeting, Google Meet, Google Class Room, and E-learning. Online learning is carried out as effectively as possible to create shared prosperity. However, no matter how hard it has been, there are still obstacles in this learning method. Because it is undeniable, most students are not in an easy place to get a signal. It could be that these students are in remote areas where electricity is difficult and even difficult to access internet signals. Not only that, most students experience psychological effects such as stress because this learning method makes it difficult for them to understand the knowledge conveyed by the lecturers. Online learning like this has a psychological impact on all students, especially themselves. Those who had felt light stress, but gradually began to adapt. Adaptation is the same as adjustment. Self-adjustment is a process that includes mental and behavioral responses which are individual efforts to overcome and master the needs in themselves, tensions, frustrations, and conflicts so that there is harmony between the demands in themselves and the demands that occur in the surrounding environment. Maybe not all new students experience this psychological impact on online learning. Because each individual's response to developmental tasks and demands at this time is different, not all individuals can overcome the challenges at this stage. Individuals who

prepare themselves well in this change, then the individual will go through it ready to become an adult individuals.

However, some other individuals will feel this period is difficult and full of anxiety. In this case, it generates responses to stress by reducing threats and their effects, including things that a person does, feels or thinks to master, deal with, or reduce the negative effects of stressful situations for the person concerned. Because everyone believes that this pandemic will end, so the new students will judge that things will soon get better. Online learning like this teaches us as new students to take more initiative to study independently at home. Because students are required to be able to learn and do assignments independently. Lecturers are only intermediaries to convey knowledge, and we as students must dig deeper into the knowledge that has been given. In times of a pandemic like this, only we can determine our direction and goals.

Discussion

With the entry of this virus into Indonesia, all existing activities are not running as they should. Many losses arise in various fields, such as economics and education. Because of this virus, all learning methods in Indonesia have changed. This change is very disturbing for all students in Indonesia because they are still unable to get used to and adapt to this ongoing situation. What was originally a face-to-face learning model has now turned into online learning using today's technological sophistication. It is undeniable that not only junior high school students, high school students, and university students who do this kind of learning, even kindergarten and elementary school children also participate in carrying it out. Online learning has its advantages and disadvantages. On the bright side, as a student, you have more time with your family because it's not the right time to go abroad. Meanwhile, the downside, in our opinion, is more because learning like this requires a lot of money to buy quotas. Then if there is a network problem, the sound and images or videos are broken so that there are some materials that students can't hear and end up left behind. Furthermore, this is very stressful for students, because at first they are used to face-to-face learning, now they have to adapt to this kind of learning model, in which a science if delivered face-to-face can be difficult to understand, especially if it is only taught face-to-face. online that is only looked at through the screen of a cellphone or laptop. When circumstances like this make students depressed which has an impact on individual psychology and behavior. Suggestion We as students must familiarize ourselves with this kind of learning model or online. By adjusting to the online we will feel more relaxed in running it and reduce the feeling of pressure. And as a student, you must be able to manage and make the best use of your time. For campuses, they must make policy plans in the application of methods in the walking system in each faculty, so that students do not feel bored. Do not accumulate a lot of assignments for students that will make a burden on students.

ADVANCED RESEARCH

This research study needs to be refined in future research, along with the development of the virus in Indonesia and its handling. Among them is the implementation of sustainable Community Activity Restrictions (PPKM), as well as decreasing the level of virus spread and anticipating a new virus wave.

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