PERSEPSI MAHASISWA TENTANG PENGGUNAAN PLATFORM E-LEARNING

University Students' Perception on the Use E-learning Platforms

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Abstrak

Penelitian ini dilatarbelakangi oleh persepsi mahasiswa dalam menggunakan platform e-learning dalam proses pembelajaran. Tujuan dari penelitian ini adalah untuk mengetahui pandangan mahasiswa terhadap cara pembelajaran didalam kelas dengan menggunakan platform online e-learning. Penelitian ini adalah penelitian kuantitatif dengan menggunakan sampel konvenience dengan membagi angket kepada mahasiswa pendidikan bahasa inggris. Peneliti menemukan bahwa mahasiswa bahasa inggris mampu beradaptasi dalam penggunaan platform e-learning secara online.

Kata Kunci:
Platform E-learning
Persepsi

Keywords:
E-learning Platform
Perception

Abstract

This research is based on students' perceptions of using e- learning platforms in the learning process. The aim of this research is to find out students' view on how to learn in class using online learning platforms. This research is quantitatif research using English language samples. Research found that English language students were able to adapt to using online e- learning.

PENDAHULUAN

Technology is the result of development of science, which happening in the world of education. Therefore, it's like education itself too use technology to help implementation of learning. Technology is the result of human creation. Therefore, it is natural to have deficiency or negative impact. In the in the field of education, apart from having a positive, technology also has a negative side. Technology is used as a tool to facilitate the teaching process by educators. One of them in E - Learning media is an educational system that uses informational technology in teaching and learning process. Which one of media that used into network connection by phone and computer, can access in anytime and anywhere. E-learning is a media is used by using internet access have function to share information about education that students need, not only information from lecturer, students can also search additional information about education that asked by lecturer.

E-Learning is needed in the learning process that connects between lecturers and students. Defines E-learning as "an innovative approach for delivering well-designed, learner centered, interactive, and facilitated learning environment to anyone, anyplace,

anytime"(Khan, 2005). In teaching and learning process there are many ways are done by teacher to teach material for students. Which one is using media to support teaching and learning a process. There are many types of learning media, which one of them is E-learning media or electronic learning media that can help make teaching and learning process be easy.

As technology development, Lecturers have used E-Learning to facilitate lecturers and students in learning process. E-Learning is a learning social media for lecturer and student by using internet access or internet network. In E-Learning, lecturer and students can share note, link, and document. According to OECD (2005) E-Learning is defined as the use of information and communication technologies in diverse processes of education to support and enhance learning in institutions of higher education, and includes the usage of information and communication technology as a complement to traditional classrooms, online learning or mixing the two modes.

Many studies have been conducted by researchers related to the implementation of these online learning platforms. The study conducted by Rashty (2012) E-learning with many common points with traditional learning, such as the presentation of ideas by the students, arguments, group discussions, and many other forms of conveying information and accumulating knowledge. According to Abaido (2014) E-Learning involves the use of digital tools for teaching and learning. It makes use of technological tools to enable learners study anytime and anywhere. It involves the training, delivery of knowledge and motivates students to interact with each other, as well as exchange and respect different point of views. In addition, the E-learning is commonly referred to the intentional use of networked information and communications technology in teaching and learning (Som Naidu, 2006:1). According to Diana (2016) presents the results of a web survey of students of the

course which explored their e-learning path in terms of the study method adopted, motivations, tools evaluation and relationship between the new technologies and the learning process. It also allowed an interaction between students and teacher and increased students' motivation in learning. The teachers participated in the study perceived E-Learning as a good media in teaching English. The theories and the result of the studies mentioned above indicate that teachers can utilize E-Learning platform to bring technology into the classroom.

In University PGRI Sumatra Barat, E-learning has been used in teaching and learning process. In COVID-19 era, the process of learning switch into online learning. One of application that teacher used is E-learning. And this present time, after pandemic the learning process is still using e-learning platforms, but teachers and students seem not take full advantage of E-learning . For example, still many assignment and teaching materials submitting not take advantages.

Support from the research result, (Amanda, 2021 ; Algiovan, 2022; Tauhidah et.all, 2021), they found that, E-learning is affective whatsapp application, Google classroom and zoom meeting. Increased students motivation and improve skill ability in learning process.

In Indonesia context, the research related to E-learning Platforms is still rare. Particularly, at the university level. Algiovan (2022) conducted research in level senior high school. Amanda (2021) analyzed research in senior high school level. Tauhidah et.all (2021) also especially in the biology education program in university level.

Amanda (2021) conducted a study related to the use of e-learning for senior high school students in Malang. She found that e-learning is an effective application to support students in learning process and provide comprehensive features. However, e-learning have weaknesses, such as, unstable internet network,

and some of them do not have mobile devises that support them to use it.

Algiovan (2022) states that, the students have different goals and need in learning. This goals needs to be seen as a motivation that advance students in the learning reading process in school at East Lampung . He found, in finding can be used as material to develop a E- learning and assessment application, which in turn would give birth to many benefits for both teachers and students. Moreover, teaching English in vocational schools priority student being written and spoken as well as good in using technology in the world of work.

Tauhidah et.al (2021) the phenomena of E-learning platform during the COVID - 19 crisis, especially in the biology education program. She found, WhatsApp, Google Classroom and Zoom are the most used e-learning platform by biology education, cause of availability and provide as well as the convenience of control aspects. Furthermore, the e learning platform as a media improve student ability in learning process in Indonesia higher education during the pandemic.

It means E- learning Platform is one of the learning media, which is familiar among students, especially at the university level, but there are still few who research it. That is why the researcher wants to figure out students' perception towards the use of online learning platforms in English classroom in University. Therefore, the study attempts to investigate students' perceptions towards the use of online learning.

METODE PENELITIAN

A. Research Design

This study will use quantitative approach. According to gay and Air asian (2012:7) quantitative research is the collecting and analysis of numerical data to describe, explain, predict, or control phenomena of interest. That is why the researcher chose quantitative research because researcher wants to know students perceptions in learning English using E-Learning platform.

B. Population and Sample
1. Population

Population is the group which researcher wants to do research. According to Creswell (2002:142) the population is a group of individuals who have the same characteristic and target population is a group individuals with some common defining characteristic that researcher can identify a study. Based the explanation above, its can conclude is population are group same the characteristic. Its mean the population was the group from the object of the researcher studied.

In order getting the data for this research, the researcher needs a contribution from participants. The participants of the research are the English Student Department of University PGRI Sumatra Barat have an E-Learning experience.

2. Sample

According to Creswell (2012 :142) stated that the sample was "a subgroup of the target population that the researcher plans to study for generalizing". It means, sample was the smallest portion of the population was studied by the researcher. Sample is the process of selecting the individual for studying such a way that they present the large group they are. In this research using Convenience sampling. Convenience sampling is beneficial when time is a constraint as it is a simple method and takes minimal effort. According to Ary (156: 2) there is no way (except by repeating the study using probability sampling) of estimating the error introduced by the convenience sampling procedures. Probability sampling is the ideal, but in practice, convenience sampling may be all that is available to a researcher. In this case, a convenience sample is perhaps better than nothing at all.

C. Research Instrument

Instrument is a tool for collecting the data. It is used by the researcher as a tool to get the data. Gay and Airasian (2000:145) explain that instrument is tool that is something that is used to collect the data. In this researcher, the researcher use questionnaire in finding the University students' perception on the use of e-learning Platforms. This instrumentation had been used by the researcher in making sure that the researcher will get all information about the students' perception.

In this research, the researcher used questionnaire as the instrument. Questionnaire is one tool in collected data in research. Some instruments need to facilitate the researcher in data collection. Can be explained that instrument is a tool to facilitate researcher or used to collect the data. According to Ary, Jacob and Sorensen (2010:209) " Likert scale (a sum mated rating scale) assesses attitudes toward a topic by presenting a set statements about the topic and asking respondents to indicate for each whether".

D. Technique Of Data Collection

The data were collected from the University Students' Perception on the use of E-learning Platforms. The researcher used one instrument that was the questionnaire sheet. The researcher wrote a questionnaire using Google form because this Application helped the researcher distribution a questionnaire using a link and the researcher did not spend time to give a questionnaire sheet directly. The students just opened a link to the questionnaire that was given by the researcher using their Smartphones. In gathering the data, the researcher had some steps for this research. In the first step, the researcher distributed a link to the questionnaire sheet for all students. Then, the researcher asked the students to open the link using their Smartphones. Second The researcher waited for the students to answer the questionnaire sheet. After all students had completed filling the questionnaire, the researcher analyzed the data.

E. Technique of Data Analysis

Researcher analyzed toward the data based on document. The data had been analyzed by using scoring the questionnaire. The researcher measured the perception by using Likert scale or rating scale with favorable measurement, Strongly Agree (4), Agree (3), Neutral (2), Disagree (1) which can describe the frequency of their perceptions toward stop motion as media. The questionnaire will be formulated in statistic data to find the percentage generally by using formula from Ridwan (2010:89):

$$P = \frac{f}{N} x\ 100\%$$

Where:

P = Percentage

f = Frequency

N = Total Sample

In addition, to help the researcher in classifying and describing the data will be get from distributing questionnaire to students, the researcher use percentage of rating score by Ridwan (2012:89). The criteria of interpreting score:

3.3 The Interpretation of Criteria Score

Score (%)	Criteria
0 % - 20%	Very Low
21% - 40%	Low
41% - 60%	Enough
61% - 80%	High
81% - 100%	Very High

After the researcher collected the data, the researcher analyzed data to answer the research question and got the result of this research using PASW Statistic software. The researcher had steps to analyze the data from questionnaire. Firts, the

researcher checked the questionnaire of all students who had chosen as a sample. Second, the researcher calculated a score for each item using a Likert scale to describe the University Students Perception on the use of E-Learning Platforms.. Third, the researcher identified the data from each alternative answer in the questionnaire and arranged its score. To know the tendency of students to give the score to each item based on their feeling about E-learning Platforms.

The data from students' questionnaire would be statistically computed to find out the percentage of each statement and the n was interpreted descriptively. The data from the questionnaire to provide description of students' perception on the use of e- learning platforms the benefits felt by students after using the learning platforms in English teaching and learning.

HASIL DAN PEMBAHASAN

A. Data Description

In this section, the researcher described the findings of the research. The data gotten were identified and analyzed based on university student's perception on the use of E-learning Platform. The data were collected from the questionnaire to answer the research questions posted in the chapter one. This research was conducted at Universitas PGRI Sumatra Barat. Universitas PGRI Sumatra Barat is one of the private universities in West Sumatra which is located on Gunung Pangilun Street in North Padang, West Sumatra. Respondent of this study were English students of Universitas PGRI Sumatra Barat. The number of respondents in the questionnaire are 39 students. The design of this research is descriptive research, in which the researcher describes the Universitas student's perception on the use of E-learning Platform.

There are two research questions to be answered in this research, they are:

1. How is University students' perception the use of E-learning Platform?

2. What are the benefits and barriers of using E-learning platform?

To answer these research questions, the questionnaire that consisted of 12 items was distributed online to English students in Universitas PGRI Sumatera Barat, especially for those who have experience in learning online. In this study, the total of participants that has given the respons to fill the google form are 39 English students. The questionnaire has five alternative answers; they are SA (Strongly Agree), A (Agree), N (Neutral), and DA (Disagree).

Related to the main objective of this research, before distributing questionnaires, the researcher asked the supervisors to validate the questionnaire. Researcher conducted research on August 15th-20nd 2022. After the researcher took the data and collected a questionnaire for each student, then the data were analyzed to get information of university student perceptions on the use of e-learning platform.

B. Data Analysis

In this part, the researcher would present the data analysis. This research tried to found out the university students perceptions on the use of e-learning platform in learning English. The findings of the research were gotten from 39 participants. The students have experienced in learning by using e-learning platform. In order to answer research questions, the findings from students' questionnaire is shown in Table 4.1

Table. 4. 1. The students' perceptions on using e-learning

No	Statement	Strongly Agree	Agree	Neutral	Disagree
1	I think the reference materials (videos, power point files, articles) and assignment posted by my teacher in E-Learning help me to improve my learning and to understand the contents/topics of the lesson better.	25,6	74,4	23,1	7,7
2	I think E-Learning is convenient to use especially in submitting assignments	25,6	74,4	17,9	5,1
3	I think online activities and discussion in E-Learning can motivate me to learn more about the lesson.	12,8	87,2	48,7	10,3
4	I think the use of E-Learning saves effort and time.	23,1	76,9	28,2	7,7
5	I think the use of E-Learning helps me practicing my language skills.	12,8	87,2	51,3	10,3
6	I think E-Learning helps me acquiring new English vocabulary.	15,4	84,6	48,7	7,7
7	I think the use of E-Learning makes my reading experience more interesting	15,4	84,6	35,9	5,1
8	I think the use of E-Learning increases the effectiveness of learning	15,4	84,6	41,0	10,3
9	I think E-Learning facilitates interaction and communication between teacher and students	20,5	79,5	33,3	7,7
10	I prefer reading my courses in paper form instead of reading them through E-Learning.	23,1	76,9	30,8	5,1
11	I think it is difficult to use E-Learning as mobile learning application.	12,8	87,2	41,0	10,3
12	I think it is difficult to use E-Learning because of the slow-speed internet on my mobile	25,6	74,4	30,8	7,7

Based on the data obtained from 39 respondents, it can be seen from table.4.1 that item number one majority of respondents respond agreed (74.4%). It means that the reference materials (videos, power point files, articles) and assignment posted by teacher in E-Learning help them to improve their learning and to understand the contents/topics of the lesson better. For the item number two, the students mostly agreed (74,4%) that E-Learning is convenient to use especially in submitting assignments. While, for the item number three, the students also agreed (87,2%) that online activities and discussion in E-Learning can motivate them to learn more about the lesson. From the results, it can be concluded that e-learning platform can motivate students in learning.

In the item number four, (76,9%) of students answered agree that the use of E-Learning saves effort and time. The majority of the students (41%) responded neutral for the item number five. However, the table demonstrated that there were no high gaps between agree and neutral. 87,2% of students answered agree that E-Learning helps them practicing their language skills. Similar to item number five, mostly students (48,7%) responded neutral to the item number six. But, (84,6%) of students answered agree. They think E-Learning can help them in acquiring new English vocabulary. From this results, it can be said that learning by using e-learning can help them to practice English skills and acquiring more vocabulary.

For the item number seven to nine, the majority of the students responded agree to these three statement. (84,6%) of students agreed that e-learning makes they reading experience more interesting, (84,6%)of students agreed that e-learning can increase the effectiveness of learning, and (79,5%) of students agreed that e-learning facilitates interaction and communication both teacher and students.

It can be seen that from the table 4.1, item number ten to twelve indicated that the majority of the students answered agree to each item. The students (76,9%) responded agreed to the item number ten. They prefer reading the course in paper from instead of reading through e-learning. For the item number eleven, (87,2%) agreed that e-learning is difficult to use as mobile learning application. But, (41,0%) of the students responded neutral. While, for the last item, (74,4%) of students responded agreed, and (25,6%) answered strongly agreed that it is difficult to use E-Learning because of the slow-speed internet on their mobile. It can be said that there were some students more like reading the materials in paper instead than online. Interestingly, from the previous result, the item number seven showed that many students felt that e-learning made their reading

experience more interesting. Besides, students agreed that it is not easy to use e-learning and one of the barriers in using e-learning is slow-speed internet.

A. Finding of the Research

In this section, the researcher discusses the findings related to the research questions "how is University students' perception of using e-learning platform and the second research question is " what are the benefit and barriers of using e-learning platform. In this research, took 39 respondents and using questionnaire to get the data. The researcher found some findings that students have positive perception toward e-learning process. Moreover, the benefit of using e-learning is motivate the students in the lesson, because it make students easy to access all the materials as long as internet connection run well. In addition, e-learning give students opportunity in learning new vocabulary in English, at the same time, it helps students to practice English. However, there are some students even teacher unfamiliar technique of using e-learning. Other barriers is in learning process by using e-learning platform need an internet access which is a challenge for a remote area.

B. Interpretation

The researcher find out the learning process by using e-learning motivate the students in learning. Moreover, e-learning increase students's skill in learning English since most of the e-learning platform or media commonly using English. In the other words, students can improve the way of learning English. Moreover, e-learning platform give students opportunity to improve or learn new vocabulary in learning English. At the same time, e-learning provide positive impact for the students. However, there are some barriers in using e-learning, teachers and schools face big challenges in teaching their students to live and survive in the current era. Because, teachers have to help students to master 21st century skills so they can deal with the challenges of 21st century,

information, media, and technology skills. Since students are considered as digital natives and people nowadays live in a technology and media-driven environment, they are expected to be familiar with skills related to information, media, and technology such as accessing and evaluating information, using and managing information, analyzing media, creating media products, and applying technology effectively (Partnership for 21st Century Learning, 2009). It can concluded that e-learning platform contribute a positive impact but teachers should familiar toward e-learning and students should be introduced well related to e-learning. Furthermore, for the some remote area should be provide internet connectivity to make students easily access to all the materials in e-learning.

KESIMPULAN

Based on the finding above, the researcher concludes that 39 respondents are strongly agreed and agreed in using e-learning platforms. Moreover, the e-learning platforms give some beneficial input for the students, especially university student. In the other words, the students will have relaxed time to access their assignment, because students can access them at anytime. However, the lack of internet connection make students unable to access the online platforms that makes students fail on accessing the online process of e-learning.

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