

**TEACHER'S PERCEPTION TOWARD USING GOOGLE CLASSROOM
AS AN ONLINE LEARNING PLATFORM.
(A CASE STUDY AT SMK DARUL 'ULUM KEPUHDOKO TEMBELANG
JOMBANG)**

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Abstract: This study wants to examine 2 aspects in 4 indicators, namely usability, ease of use, ease of learning and satisfaction. This research was conducted on 3 teachers of SMK Darul 'Ulum Kepuhdoko Tembelang Jombang. The researcher uses theory from Robbins (2002: 14) to conduct this research. The Covid-19 pandemic has had a huge impact, especially at the Darul Ulum Vocational high School, Kepuhdoko Tembelang, Jombang. The implementation of teaching and learning must be done online. Especially the most important role in carrying out online learning is the teacher, currently many teachers are using new ways of conducting the online teaching and learning process. Learning activities from home on various online platforms, one of which is Google Classroom. Therefore, this study focuses on teachers' perceptions of the use of Google Classroom as an online learning platform. The researcher used a descriptive case study method in this study. The results show that the use of Google Classroom as an online learning platform has several positive and negative perceptions. In Positive Perceptions it is explained that teachers feel that they get many benefits from Google Classroom, for example teachers can save more time and energy, teachers consider Google Classroom practical to use because teachers can send assignments to students anytime and anywhere. In addition, teachers feel they can keep up with technological developments, therefore teachers consider Google Classroom as a solution to help online learning. While the negative perceptions of teachers include teachers not being able to meet with students and not being able to deliver the material directly, so students often ignore the assignments that have been given. The results showed that the teachers of SMK Darul 'Ulum Kepuhdoko Tembelang Jombang had a positive perception of the use of Google Classroom. With these findings, teachers think that Google Classroom makes their learning easier and can save time and effort.

Key words: Teacher perception, Types of perception, Google Classroom.

INTRODUCTION

For almost a year, the Covid-19 pandemic in Indonesia can be said to have become a heart-wrenching problem for all inhabitants of the earth. All segments of human life on earth are disturbed and education also. Many countries have decided to close schools and universities, including Indonesia. This crisis really came suddenly governments in various parts of the world including Indonesia had to make a bitter decision, namely closing schools to reduce direct contact with the community and save lives. The Covid-19 pandemic has had a huge impact, especially at SMK Darul 'Ulum Kepuhdoko Tembelang Jombang. The major impact on the continuity of education as well as the impact of the Covid-19 pandemic is the short-term impact experienced by many families in Indonesia, both in cities and in villages. In Indonesia, many families are not used to being at home. Homeschooling for families in Indonesia is a big surprise, especially for the productivity of parents who are usually busy with work outside the home.

The implementation of teaching and learning must be done online. Especially the most important role in running online learning is the teacher, currently; many teachers are producing new ways of conducting the online teaching and learning process. For some teachers this is a small step but for others, it is a new way of modeling education. In the context of education in Indonesia it there has been a real change in the implementation of the teaching and learning process. So many differences from the previous context, teaching and learning activities most often occur in the classroom at the same time between teachers and students. However, during the Covid-19 pandemic, it turned into online learning. As stated by Widiastuti, Mantra, and Sukoco (2020, p.6), "In the world of education, this phenomenon certainly has a strong impact on how the learning process should be carried out. There are many ways and also many solutions for the current situation. A solution that can quickly take advantages of online learning as suggested by the Indonesian education authority. In other words, there is a system of transformation of student teaching systems from physical classes to virtual classrooms. In virtual classrooms, teachers and students are all connected online through their communication devices or tools. Such as a computer, laptop and Smartphone with the same time. Furthermore, both teachers and students must prepare themselves well with the existing learning system.

Researchers want to know teacher's perceptions about the use of Google Classroom as an online learning platform. With various obstacles and various ways, the teacher continues to strive to continue learning in class online so that students do not miss the material. Another factor that can influence learning activities is perception. (Jones, 2005) States that perception is a process by which individuals choose, organize and interpret input through understanding. According to Vernon, (1962) perception can be defined as knowledge about the identity of objects and characteristics in the environment. This means that perception refers to the senses or point of view of a person or teacher regarding a particular object, in this research is a method. In other words, teacher's perceptions can be an important factor in supporting the teaching and learning process in the classroom. Which aims so that the teacher can be evaluate them self for further learning. For each teacher may have the same perception of something and they can also have a different perception of something. In particular, perception is characterized as a process of recognizing, organizing and interpreting oneself. This relates to various

human sensory organs that produce signals from the environment through sight, hearing, touch, smell and taste. It could be what we experience, reflection can be a prediction. Therefore, teacher's perceptions of learning process can gain understand and views of the teaching and learning process that has been or will be experienced.

a. Teachers perceptions

(Pick, 1978) Stated that perception and experience have a very strong relationship. In this process, perception can be said that in perceptual activities that aim to enter messages or information into the human brain through human perceptions in the human body such as sight, sense of taste, sense of smell and sense of touch (Slameto, 2003). The teacher's view based on the learning period using Google classroom as a platform can improve students 'English skills and students' insights that they have created through online classes. Here the researcher uses two aspects to get the teacher's opinion about these two aspects and to see the results of the teacher's perceptions. These aspects include teachers 'experiences in using Google Classroom and teachers' perceptions of using Google classroom as a platform.

b. Online learning

Information and technology-based learning that is used today is very important. This is so that students can still teach and teachers can still provide knowledge to students even though from a distance, but the distribution of knowledge is also through long distances. Teachers still have to continue the learning process properly. Through the teaching and learning process carried out by the teacher, not at school but learning at home because of this situation, supports the teacher to carry out learning at home. Therefore, online learning must have high authenticity (students must learn in a workplace context), high interactivity, and high collaboration Ring and Mathieux (2002)

c. Google Classroom

Teachers can create active, student-centered, collaborative and unforgettable lessons only through Google Classroom, because Google Classroom has learning features that are very easy for students to use. Not only from among students but from all categories can work together like the adult student learner category. And has several advantages such as paperless, which can be accessed anywhere and anytime as long as there is an internet connection, and can be accessed from any device, in addition to communicating between teachers and students. Google Classroom also provides feedback to students, event personalized learning. Google Classroom has learning features that allow teachers to actively create and handle assignments and provide feedback to students. Google Classroom makes it easy for teachers to handle students work. This is very beneficial for teachers and students, because it is easy and simple (Nagele, 2017).

Therefore, the research questions of this study are as follows:

1. What are the teacher's perceptions of using Google Classroom as an online learning platform?
2. What are the teacher's experiences of using Google Classroom as an online learning platform?

METHODOLOGY

In this study, the design used by this researcher is a descriptive case study. It aims to see the results of teachers' perceptions of using Google Classroom as an online learning platform. This case study focuses on a single entity to produce a deep and rich holistic picture (Ary, 2012). Qualitative data is presented in the form of a description of the results of 2 aspects and the interview transcript. For quantitative data, there is a percentage of each indicator in the description and score results and the qualitative of data are words and sentences that collect. Data collection will be conducted at SMK Darul 'Ulum Kepuhdoko Tembelang Jombang. The data will be taken from three teachers who teach using Google Classroom as an online learning platform. The data collected from this study used questionnaires and interviews. The teacher's response will be measured by a closed questionnaire. The questionnaire consists of 16 questions and interviewed 5 questions. The questionnaire followed 2 aspects, namely: aspects of teachers' perceptions and teachers' experiences and following by each indicator namely Usefulness, Ease of Use, Ease of Learning and Satisfaction.

FINDINGS

The results showed that the highest percentage of questionnaires on teacher perceptions using of Google Classroom as an online learning platform was Agree or positive perception. The highest number of percentages in the table shows that the respondents in this study represent positive perceptions towards the use of Google Classroom as an online learning platform. Furthermore, the overall data which are shown in tables 1,2, ,3 and 4 show that most of the respondents gave a positive response to Usefulness, Ease of use, Ease of learning and Satisfaction.

The researcher explained the results with related theories and previous research based on two aspects with the indicators Usefulness, Ease of Use, Ease of Learning and Satisfaction.

1. The Result of Questionnaire

Table 1. Teacher's perception toward using Google Classroom as an online learning platform in aspect perception with the indicator Usefulness.

No	Questions	Agree	Disagree
1	Does this application help you to be more effective?	100%	
2	Does this application help you be more productive?	100%	
3	Is this application useful?	100%	
4	Can this application save time when you use it?	100%	

It can be seen that an average of 3 teachers answered "agree" on the questionnaires number 1, 2, 3 and 4. This means that teachers have a positive perception in using Google Classroom as an online learning platform. The table also shows the highest percentage, which is 100% agree. The gap shows that the teacher gives positive perception about the usefulness of using Google Classroom as an online learning platform.

The percentage of teachers' perceptions of using Google Classroom involves 4 questions such as the following: The first question is Does this app help you to be more effective. The findings show that agreeing is obtained by 3 peoples (100%), disagree is obtained by 0 people (0%).

The second question is Does this app help you to be more productive? The results showed that agree obtained 3 people (100%), Disagree obtained 0 people (0%).

The third question is Is this application useful? The results showed that agree obtained 3 people (100%), Disagree obtained 0 people (0%).

The fourth question is Can this application save time when you use it? The results showed that agree obtained 3 people (100%), Disagree obtained 0 people (0%).

Table 2. Teacher's perception toward using Google Classroom as an online learning platform in aspect perception with the indicator Ease of use.

No	Question	Agree	Disagree
5	Does this application easy to use?	66,7%	33,3%
6	Does this application simple to use?	66,7%	33,3%
7	Does this application user friendly?	66,7%	33,3%
8	Do you use it without written instructions?	66,7%	33,3%
9	Are you able to recover quickly and easily when you make a mistake?	100%	

It could be seen that on average from 3 teachers answered "agree" to questionnaires number 5, 6, 7, 8 and 9. This means that from the indicator "Ease of use" Google Classroom by the teachers that is, it can be seen from the table. The table also shows that there is the highest agree on questions 5, 6, 7, 8 and 9. The use gap is shown that teachers' perceptions are positive about Google Classroom as an online learning platform.

Percentage of Ease of Use involves 5 questions such as the following:

The question number 5 Does this application easy to use. The findings show that Agree is obtained by 2 people (66.7 %), Disagree is obtained by 1 person (33.3%).

The question number 6 Does this application simple to use. The findings show that Agree is obtained by 2 people (66.7 %), Disagree is obtained by 1 person (33.3%).

The question number 7 Does this application user friendly. The findings show that Agree is obtained by 2 people (66.7 %), Disagree is obtained by 1 person (33.3%).

The question number 8 Do you use it without written instructions. The findings show that Agree is obtained by 2 people (66.7 %), Disagree is obtained by 1 person (33.3%).

The question number 9 are you able to recover quickly and easily when you make a mistake. The results showed that agree obtained 3 people (100%), Disagree obtained 0 people (0%).

Table 1. Teacher's perception toward using Google Classroom as an online learning platform in aspect perception with the indicator Ease of learning.

No	Question	Agree	Disagree
10	Did you learn how to use it quickly?	66,7%	33,3%
11	Do you easily remember how to use it?	100%	

It could be seen that on average from 3 teachers answered "agree" to questionnaires number 10 and 11. This means that from the indicator "Ease of Learning" Google Classroom have a positive perception from the teachers that is, it can be seen from the table. The table also shows that there is the highest agree on questions 10 and 11. The gap from "Ease of Learning" is shown that teachers' perceptions are positive about Google Classroom as an online learning platform.

The percentage of "Ease of Learning" involves two questions as the following: Question 11 is that did you learn how to use it quickly. The finding showed that Agree gained 2 persons (66,7%), Disagree gained 1 persons (33,3%).

Question 11 is Do you easily remember how to use it. The finding showed that Agree gained 3 persons (100%), Disagree gained 0 persons (0%).

Table 1. Teacher's perception toward using Google Classroom as an online learning platform in aspect perception with the indicator Satisfaction.

No	Question	Agree	Disagree
12	Are you satisfied with this application?	66,7%	33,3%
13	Does this application is fun to use?	100%	
14	How does this application work the way you want it?	100%	
15	Does this application is awesome?	100%	
16	Does this application is convenient to use?	100%	

It could be seen that on average from 3 teachers answered "agree" to questionnaires number 12, 13, 14, 15 and 16. This means that from the indicator "Satisfaction" Google Classroom have a positive perception from the teachers that is it can be seen from the table. The table also shows that there is the highest agree on questions 12, 13, 14, 14 and 15. The gap from "satisfaction" is shown that teachers' perceptions are positive about Google Classroom as an online learning platform.

Question 12 Are you satisfied with this application. The findings show that Agree is obtained by 2 people (66.7 %), Disagree is obtained by 1 person (33.3%).

Question 13 is this application is fun to use. The results showed that agree obtained 3 people (100%), Disagree obtained 0 people (0%).

Question 14 is how does this application work the way you want it. The results showed that agree obtained 3 people (100%), Disagree obtained 0 people (0%).

Question 15 is this application is awesome. The results showed that agree obtained 3 people (100%), Disagree obtained 0 people (0%).

Question 16 is this application is convenient to use. The results showed that agree obtained 3 people (100%), Disagree obtained 0 people (0%).

The results showed that the highest percentage of questionnaires on teacher perceptions using of Google Classroom as an online learning platform was Agree or positive perception. The highest number of percentages in the table shows that the respondents in this study represent positive perceptions towards the use of Google Classroom as an online learning platform. Furthermore, the overall data which are shown in tables 1,2, ,3 and 4 show that most of the respondents gave a positive response to Usefulness, Ease of use, Ease of learning and Satisfaction.

Table 1 interview. Teacher's perception toward using Google Classroom as an online learning platform in aspect perception with the indicator aspect teacher's perception.

No	Question	Answer from 3 respondent
1	What are the disadvantages of using Google Classroom?	<ul style="list-style-type: none"> • They cannot meet with students. • They can't deliver the material directly. • They feel there is no loss when using Google Classroom.
2	What are the advantages of using Google Classroom?	<ul style="list-style-type: none"> • Teachers feel they are not left behind in today's technology-driven era. • Can keep up with technological developments • Practical and easy access because it can be done anywhere • Can save more time and energy. • Google Classroom as a solution to help online learning.

Table 2 interview. Teacher's perception toward using Google Classroom as an online learning platform in aspect perception with the indicator aspect teacher's experience.

NO	Question	Answer from 3 respondent
3.	What are your pleasant experiences while using Google Classroom?	<ul style="list-style-type: none"> • Students responded well. • When the teacher gave the material and the students did the assigned task. • They can send assignments to students anytime and anywhere.
4.	What are your bad experiences while using Google Classroom?	<ul style="list-style-type: none"> • When students did not respond well when the teacher gave the material. • When the students did not collect the assignments. • When the teacher has given a deadline for collecting assignments, but the student did not assigned the task.
5.	Will you continue to use Google Classroom for further online learning?	<ul style="list-style-type: none"> • Yes. • Yes. • Yes.

DISCUSSION

The discussion presents research results with related theories and previous research. This finding is in line with previous research. The main results revealed Teachers' perceptions using Google Classroom as an online learning platform. The questionnaire used in this study is a questionnaire adapted from Asnawi (2018).

Usefulness sections from the questionnaire are showed that most teachers do not find the difficulty when using Google Classroom and Google Classroom is easy to use as a learning tool. The results from interview showed that the teacher there is no loss while using Google Classroom. This is in line with (Almio Susetyo Harjanto, 2019) that they feel that using Google Classroom was very helpful to conduct their virtual classroom.

The results in the Ease of use section from questionnaire show that most teachers feel good when using Google Classroom. The result from interview show that the teacher's have a many good experience when using Google Classroom. So the teachers agree that Google Classroom is easy to use. This is in line with (Vira Lafhiola, 2021) that Google Classroom can be said to be good enough to still be used in online learning systems in this covid-19 pandemic condition.

The results in the Ease of learning section from questionnaire show that most teachers feel that Google Classroom is very easy to understand so all teachers think that Google Classroom is very easy to remember while using it. The teachers agree that Google Classroom is easy for using teaching and learning process. This is in line with (Todo F. B. Sibuea, 2018) that Google Classroom was a satisfying LMS for blended learning in PLU course because of its features, user-friendliness, and appropriateness in higher education program.

The results in the Satisfaction section from questionnaire and interview show that most teachers feel satisfied when Google Classroom. The teachers said that they would continue to use Google Classroom to help their teaching learning process. The teachers agree that Google Classroom is give satisfied to the teacher's. This is in line with (Annita Muslimah, 2018) that they feel Google Classroom is useful and they satisfied with Google Classroom as an online learning tool.

The conclusion from all the answers for each indicator says that the teacher's perception of using Google Classroom as an online learning platform is a positive perception. In addition, the results of interviews that have been conducted by researchers are positive perception results. The data that has been described above, it is interpreted as a perception from the teacher SMK Darul 'Ulum Kepuhdoko Tembelang Jombang is against the use of Google Classroom as an Online Learning Platform. From the perception of the teacher has received a positive perception, or we can also say it is the convenience of Google's classroom. The findings from this study were supported by Journal by Almio Susetyo Harjanto, Sri Sumarni (2019) discussed about Teachers' Experiences on the Use of Google Classroom. In the Journal of Almio Susetyo Harjanto, Sri Sumarni (2019) stated that the teacher uses Google Clasroom as a facilitation tool to manage student duties, regulate the class and accommodate student interactions. The statement above proves the findings in

this study of "Teacher's Perception toward using Google Classroom as an Online Learning Platform. (A case study at SMK Darul 'Ulum Kepuhdoko Tembelang Jombang). Namely gets a positive perception for all respondents.

CONCLUSION

Based on data analysis and discussion in the previous chapter, it shows that positive perceptions are more than negative perceptions from teachers on the use of Google Classroom. In Positive Perceptions, it is explained that teachers feel that they get many benefits from Google Classroom, for example teachers can save more time and energy, teachers consider Google Classroom practical to use because teachers can send assignments to students anytime and anywhere. In addition, teachers feel they can keep up with technological developments, therefore teachers consider Google Classroom as a solution to help online learning. While the negative perceptions from teachers include, teachers not being able to meet with students and not being able to deliver the material directly, so students often ignore the assignments that have been given.

The results showed that the teachers of SMK Darul 'Ulum Kepuhdoko Tembelang Jombang had a positive perception of the use of Google Classroom. With these findings, teachers think that Google Classroom makes their learning easier and can save time and effort. Although there are some related feedbacks when students ignore the final deadline for submitting assignments, this causes students not to submit assignments that have been given by the teachers. However, most teachers are still interested in using Google Classroom as an online learning platform. Teachers also recognize the importance of using technology to support their future teaching processes.

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