

The Learning Media Chosen by The Teacher in Online Learning Process

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Abstract

The purpose of this study was to determine the learning media used by teachers in the online learning process and to determine the effectiveness of the virtual media platform used by lecturers from students' perceptions, in the teaching and learning process of English education students. This study involved students from the Indonesian Technocrat University in the English language academic writing education study program. The students were surveyed through a questionnaire distributed through Google form. The questionnaire was conducted to collect related data about the learning media chosen by the teacher in the online learning process. According to their responses, most teachers use learning media such as zoom meetings and google meetings in the online learning process. And according to them, Zoom Cloud Meeting is the most effective medium in the teaching and learning process, where 90.5% of them said so. Followed by google meet, where 9.5% of respondents chose it.

Key words: Media in Education, Online Learning Proses, Student Perception

INTRODUCTION

The use of learning media in the online learning process is used so that students can find out the material that will be given by the teacher (Ahdan et al., 2021; Tansir et al., 2021; Thornton & Houser, 2005). The aim is to use various online platforms to facilitate the learning process (Abidin et al., 2022; Indonesia, 2022; Maskar et al., 2021). The results of their research state that teachers apply online teaching positively and are actively involved in shaping future students and young teachers are more actively participating in online teaching as they become more familiar with technology (Ayu et al., 2021; Oktaviani et al., 2021; Puspita et al., 2021). The purpose of this study was to determine the learning media used by teachers in the online learning process. With the existence of learning media such as zoom meetings and google meetings, it is easier for teachers to provide material to their students (Nadya et al., 2021; Nuraziza et al., 2021; Oktaviani, 2021). Google meeting is an application that serves about meeting calls, both video or audio only online (Ambarwati & Mandasari, 2020; N. R. Putri & Sari, 2021; Styawati et al., 2022). This service application is able to accommodate one call meeting with another about 100-300 participants (Athaya et al., 2021; Choirunnisa & Mandasari, 2021; Rohman et al., 2020). This application can also record a call session at a time so that it can be viewed again (Apriyanti & Ayu, 2020; Simamora & Oktaviani, 2020; Yudha & Mandasari, 2021). Zoom meeting is a video-based communication application (Isnain et al., n.d.; Novitasari et al., 2021; Pradani, 2021). This application is classified as a flexible application because it can be accessed via Android, iOS, and the website (Gumantan et al., 2021; Mastan et al., 2022; Qodriani & Wijana, 2021).

Learning objectives can be achieved well if the teacher packs learning as attractive as possible and according to the characteristics of students even in online activities (Nasution & Hayaty, 2019; Nurmala Sari & Aminatun, 2021; Tiku Ali & Patombongi, 2016). Therefore, researchers are encouraged to conduct qualitative research on various platforms,

learning media used by teachers in the online learning process. The results of this study are expected to provide an overview of what media are used by teachers in the online learning process.

LITERATURE REVIEW

E-learning is defined as learning that makes use of Information and Communication Technologies (ICTs) (Hasani et al., 2020; Riskiono & Pasha, 2020; Styawati et al., 2020). The incorporation of technological resources and innovative education strategies has transformed the teaching and learning processes (Kuswoyo et al., 2020; Rosmalasari et al., 2020; Suaidah, 2021). Previous studies have shown various e-learning and online learning tools that are effective for teaching and learning in the fields of health profession, including dentistry. The knowledge gain and performance of the students as a result of E-learning were shown to be equivalent to that of face to face methods (Gustanti & Ayu, 2021; Kiswardhani & Ayu, 2021; Suprayogi et al., 2021). Blended learning is mainly defined as the integration of classroom and distance learning to facilitate an independent, interactive and collaborative learning among students (Mandasari & Wahyudin, 2019; Maskar & Wulantina, 2019; Ulfa & Puspaningtyas, 2020). However, to understand it in a more general perspective, blended learning approach redesign courses that are developed, scheduled and implemented through a combination of physical and virtual learning activities (Puspaningtyas & Ulfa, 2020, 2021; Yulianti & Sulistiyawati, 2020). It was previously reported that blended learning provides better student's satisfaction, motivation, student engagement and performance (Nugroho, 2021; N. Putri & Aminatun, 2021; Yudiawan et al., 2021). This approach promotes active and self-directed learning and has gained acceptance in dental education as a complementary method to traditional learning (Handoko & Gumantan, 2021; Sinaga & Pustika, 2021; Yuliansyah & Ayu, 2021).

METHOD

This study uses qualitative research methods. The purpose of this study was to determine the learning media used by teachers in the online learning process. Studies involved are students of English Education (academic writing). This research was conducted at the Teknokrat Indonesia University, majoring in English Education. Participants were surveyed through a questionnaire distributed online via the Google Surveys link (Google form). The students were asked about the various media used by the teacher in the online learning process. The date is January 14, 2022. 40 students from the English education department participated. The distribution of participants was 21 from the Teknokrat Indonesia University (UTI) which consisted of 1 class.

RESULTS AND DISCUSSION

Based on the questionnaire I made about the learning media chosen by the teacher in the online learning process. Which was responded by students majoring in English education academic writing courses. With a total of 21 respondents. That the media commonly used by lecturers in the online learning process are zoom and google meeting.

This is the first data result where students respond that the media used by the teacher in the online learning process is zoom and google meeting with 95.2% results. and 4.8 students responded that zoom is a medium used by teachers in the online learning process.

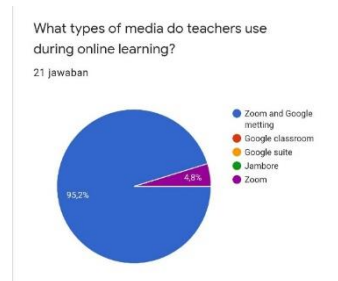


Chart 3.1

this is the result of the second study where many students have zoom and google meeting applications as online learning media used by teachers in the learning process. The results of the data show that 95,2% of students have zoom and google meeting applications as learning media. And 4,8% of them don't have zoom and google meeting apps.

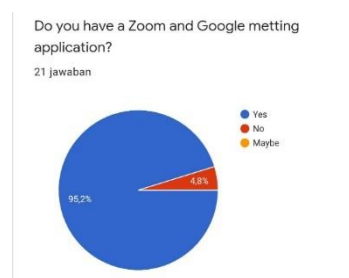


Chart 3.2

This is the third data result from the study where the learning media used by the teacher greatly influences understanding in the online learning process. 95.2% of students responded that using learning media such as zoom and google meeting was very effective in the online learning process. And 4.8 students responded that using learning media such as zoom meeting and google meeting was not effective in the learning process. But we can see that 95.2% said that learning media used by teachers in the online learning process has been effective.

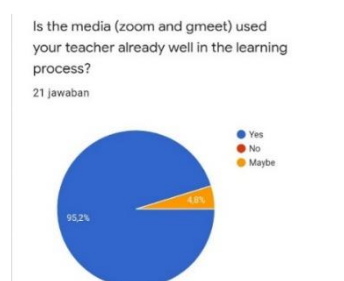
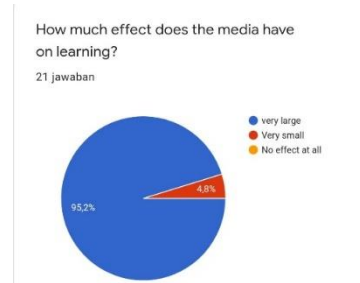


Chart 3.3

this is the fourth data result in the study where 95.2% of students responded that zoom and google meeting media were very well used in the online learning process. Because it makes it easier for students to understand the material provided by the teacher in the learning

process. And 4.8 other students responded probably. Because they are still confused with the understanding they get during the online learning process.

Chart 3.4



This is the fifth data result in a study where 81% students respond that using learning media such as zoom and google meeting can make them understand the material provided by the teacher in the online learning process. 4,7% of students responded that using media such as zoom and google meeting did not improve their understanding. And another 14,3% of students responded that using learning media such as zoom and google meeting could make them understand the material given by the teacher in the learning process.

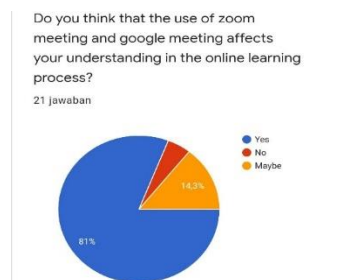


Chart 3.5

This is the sixth data result in the study where 85.7% of students choose learning media such as zoom in the learning process if in the future online learning is still ongoing. And 9.5% of other students responded that they prefer to use media such as google meeting in the learning process if in the future online learning is still ongoing, and 4.8% of other students responded that it was better to use learning media such as google classroom rather than using learning media such as zoom and google meeting.

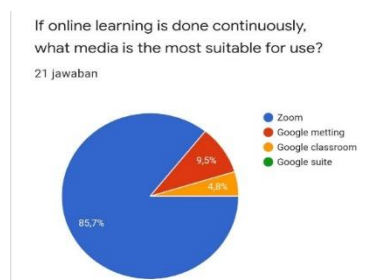
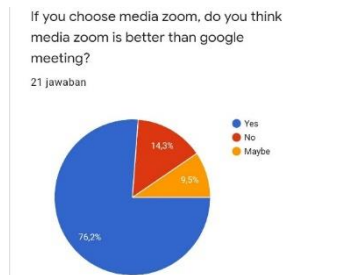


Chart 3.6

This is the seventh data result in the study where 76,2% of students responded that learning media such as zoom is better used in the online learning process than using google meeting.

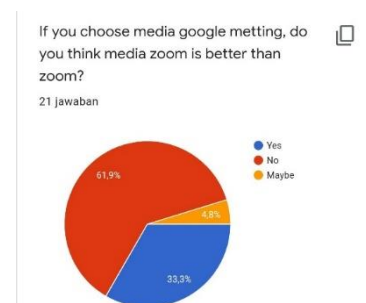
And another 14,3% of students responded that using learning media such as google meeting was better than using zoom. And another 9,5% of students responded that both were equally well used in the online learning process. However, many students still choose zoom media in the online learning process.

Chart 3.7



this is the result of the eighth data in the study. where 33% of students answered that the use of google meetings is better used in the online learning process than using learning media such as zoom. And 61.9% of other students disagree. They prefer to use learning media such as zoom rather than google meeting. And 4.8% of other students answered that using learning media such as zoom and google meeting was equally good in the online learning process.

Chart 3.8



This is the result of the last data in the study. Where 90.5% of students responded that they prefer to use learning media such as zoom in the learning process. In the future, learning will be done online. And 9.5% of other students responded that they prefer to use learning media such as google meeting in the learning process. In the future, learning will be done online.

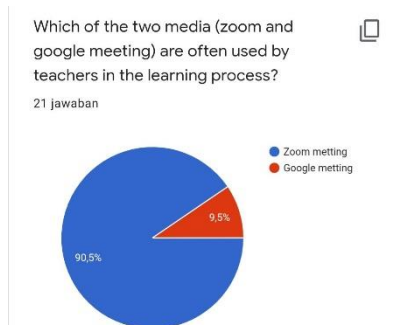


Chart 3.9

Researchers can admit this fact, that Zoom and google meeting are the most widely used media by teachers and also this media is sophisticated from various media platforms to conduct virtual meetings between many people at one time. Moreover, this media is also free and easily accessible. And from their responses, it can be seen that Zoom Cloud Meeting is the most widely used media by teachers in the online learning process, where 90,5% of them say so. This was followed by google meeting, where 9,5% of respondents chose it as the best learning media and the most frequently used learning media by teachers in the online learning process.

Based on the questionnaire I made about the learning media chosen by the teacher in the online learning process. Which was responded by students majoring in English education academic writing courses. With a total of 21 respondents. That the media commonly used by lecturers in the online learning process are zoom and google meeting. In order to get more accurate data, the researcher began to ask respondents what media were used by all lecturers in all subjects. According to the student's response, the lecturer applied various media in teaching. The data above is to show the learning media that can be used the most by lecturers. From the data, it was revealed that the most widely used media by lecturers was zoom, where 90.5% of students acknowledged it. Then, it was followed by google meeting which 9.5% of students admitted it.

In this study, it can be recognized the fact that zoom and google meeting are the most widely used media by teachers and also that this media is sophisticated from various media platforms to conduct virtual meetings between many people at one time. Moreover, this media is also free and easily accessible. In addition, zoom and google meeting have significant problems if the user is in a strong internet signal area. Finally, zoom and google meeting users can share supporting learning media such as articles, paper presentations, or even video files. From their responses, it can be seen that zoom cloud meeting is the most widely used media by teachers in the online learning process, where 90,5% of them said so. This was followed by google meeting, where 9,5% of respondents chose it as the best learning media and the most frequently used learning media by teachers in the online learning process.

And from previous research also shows that the results of research from the learning media used by teachers in the online learning process are zoom and google meeting and students' perceptions of using e-learning based on zoom meetings during lectures in terms of convenience are 66.4%, usefulness aspects are 63, 4%, and the acceptance aspect is 60, 5% so that it can be categorized as student perceptions of the use of e-learning based on the zoom meeting application from the aspect of convenience, the aspect of usefulness, the acceptance aspect is positive. The merits of the similarity in the previous research and the research that I made is that most teachers use learning media such as zoom and google meeting and most students prefer zoom meeting over google meeting because they think that google meeting is easier to use.

CONCLUSION

So the conclusion is that in the online learning process the teacher prefers to use learning media such as zoom and google meeting in the learning process. And most students like learning media such as zoom rather than google meeting because zoom meeting has good quality audio and video quality that is good and capable. It doesn't stop there, the zoom meeting can also accommodate around 1000 participants with 49 videos displayed on the screen, Has a Video Recording Feature the zoom application can also record your activities

while using this application. Your team's activities while conducting video conferences can also be automatically recorded and will be automatically stored in a cloud account, there is a schedule feature. You can schedule future meetings in zoom, Provide Team Chat the zoom application also provides a live chat feature or a chat feature that TEAM can use to chat, share files and share archives with fellow members. While learning media such as google meetings have advantages such as: Attractive interface, this google meeting has clear icons making it easier for new users. The size of the application is also not too large so it is not easy to experience lagging, Easy to use because it has an attractive interface, google meet is also easy to understand so it is friendly to use even by ordinary people, Accommodates many Participants For the free package, you can invite a maximum of 30 people in a meeting room without time limit, Integrated with other google services as a product owned by google, of course also integrated with other google products such as google calendar and google document, Easy to access google meeting is available on various platforms so that it is easily accessible, Has a chat feature google meet also has a chat feature that can be used by all meeting members to exchange messages, Guaranteed data encryption google as the provider of google meet has also guaranteed that your data that appears on google meet must be safe.

But in my opinion, I prefer to use learning media such as google meetings rather than using learning media such as zoom because I think using the zoom application sometimes likes to have signal problems, if the signal is lost, we automatically leave the meeting. Meanwhile, if we use learning media such as google meeting, if we have problems, the signal doesn't come out right away but the sound is a bit intermittent, besides using the google meeting application our faces look better and also beautiful, we can even use the translation feature when presenting or holding a meeting.

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