The Strengths and Weaknesses of Using Google Classroom for Blended Learning

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ARTICLE INFO

Article history:
Received May 28, 2021
Revised May 29, 2021
Accepted July 20, 2021
Available online August 25, 2021

Kata Kunci:
Pembelajaran Online, Pembelajaran Campuran, google classroom

Keywords:
Online Learning, Blended Learning, Google Classroom

DOI:
http://dx.doi.org/10.23887/jpbi.v9i2.34820

ABSTRACT

Learning Technology plays a crucial role in the development of education in Indonesia. Teachers should use IT to increase students' learning motivation. Blended learning is one way teachers should facilitate learning interactions that combine conventional learning methods with technology. Google Classroom is one of the most accessible applications to help teachers and students need more time to study online learning. In online learning, several applications can have both positive and negative impacts during the process. This study aims to analyze. Advantages and Disadvantages of Google Classroom for Mixed Learning. This type of research is qualitative. The subjects of this study were 12 students. Data collection was done by observation and interviews. The instrument used to collect data is a questionnaire. The technique used to analyze the data is descriptive qualitative and quantitative analysis. The result of the research is that 85% of students have difficulty communicating in writing in the comments column. In addition, 5% of students stated that it is easy to share and share ideas during online interactions. In contrast, 40% of students stated that Google Classroom was easy to operate and use.

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1. INTRODUCTION

Indonesians have been using modern gadgets for communication every day, including for educational purposes (Omni et al., 2020; Pebriana, 2017). Teachers now are required to be able to use instructional and communicational technology to help students in the learning process (Jang et al., 2021; Summak et al., 2010). Teachers in Indonesia have been using ICT in their profession. Many schools have already used computers and mobile devices in the classroom to improve the students’ academic performance (Alias & Siraj, 2012; Goldschmidt, 2020). Using a computer for learning is one of the challenges in higher education. Blended learning is a model of learning that combines face-to-face instruction with instruction through the computer (Akyol & Garrison, 2011; Bervell & Arkorful, 2020). By using blended learning students can learn at any time at home, which can save their time. The students can submit assignments easily and quickly (Bock et al., 2018; Rahmat, 2020). Technology is one of the many devices used by managers in anticipating changes. Technology has been proven to enhance students’ activities participation enthusiasm regarding the learning outcomes (Sahin & Yılmaz, 2020; Yavuz et al., 2021). Students are the happiest and most active to join the online learning process compared to the traditional method that leads students to be passive. Moreover, students are considered to be more motivated to get involved when the teachers integrate the technological use while explaining the learning material (Burik,
Because of that phenomenon, students and teachers as the part of learning process realize the importance of educational technology.

In an online course, teachers use Google Classroom for online learning (Ali & Maksum, 2020; Permata & Bhakti, 2020). It was firstly published by Google Apps in 2004 which is specifically designed for educational purposes and promotes an interactive online learning environment (Al-Marooof & Al-Emran, 2018). Google Classroom can help teachers spend more time do a discussion with their students online, the students can submit their assignments easily with Google Classroom and this application is free (Kurniawati et al., 2019; Wan Hassan et al., 2020). Google Classroom is one of the best applications for an e-learning platform. This application provides features to be used in online learning with the students. Google Classroom can help teachers save time and communicate with the students easily. It is available for the students to access with Google Apps for Education (Albashtawi & Al Bataine, 2020; Soni et al., 2018). Google Classroom is a tool that facilitates students’ and teachers’ collaboration; also, the teacher can make and distribute assignments for students in an online classroom for free” (Khalil, 2018; Setiawan & Ari Oka, 2020). Google classroom is to offers a platform of blended learning in schools to simplify creating assignments and getting the grade out to students in a paperless way (Mahitsa & Mahardini, 2020).

The basic principle of mixed learning is a situation that directly interacts with online writing learning interaction that maximizes their combination so that each ability is incorporated into a concrete learning experience for context and purposes (Kristanto et al., 2017; Sjukur, 2012). Even though higher education in Indonesia has already used the technology, there is a problem for the students (Alfi et al., 2016; Tambunan et al., 2020). Most Indonesian students are still confused about how to use the technology or application for blended learning correctly (Akyol & Garrison, 2011; Siregar & Manurung, 2020). This is caused by the fact that they cannot use the technology for learning. They only use it for chatting with their friends. In addition, it occurs because in high school their teachers did not teach them about how to use the technology or application in the learning process. Thus, when they are studying in their first year at college, they still face difficulties or are inconvenient when using a computer or internet in their learning process (Mawarni & Muhtadi, 2017; Pangaribuan & Saragih, 2014).

Those statements are supported by the research is stated that the availability of equipment and tools to operate the computer was running well (Azizah et al., 2017; Gozali, 2020). However, the problem occurred due to the connectivity (Widiyono, 2020; Windhiyana, 2020). Both the teacher and the students found that using Google Classroom could improve their reading comprehension and increase the improvement of learning objectives since they could easily search for some other resources while making some online learning interactions (Guswara, 2020; Santos et al., 2020). Moreover, using Google Classroom enables them to access the class easily from everywhere at any time. Teacher-centered learning is an old learning style that is no longer suitable for the current generation, so it must be changed to a student-centered approach, especially for students with diverse abilities (Handayani et al., 2017; Seika Ayuni et al., 2017). Therefore, teachers must be able to use various technologies and design, compile, guide, and assess student projects through online media (Danniels et al., 2020; McGarr & Gallchóir, 2021).

Previous research findings found that students could easily improve their skills and abilities during learning classes through Google Classroom because this application provided them with images, data, information, and several other materials completely (Permata & Bhakti, 2020; Setyawan et al., 2020). The use of Google Classroom can increase the ability for students to adopt and adapt the improvement of technology to support their skills (Al-Marooof & Al-Emran, 2018; Ali & Maksum, 2020). It is satisfying the students during the learning process due to the useful utility tools provided by Google Classroom. However, Alim also found that in certain limitations, not all the students and teachers could find the easiness of using Google Classroom (Alimin & Saad, 2019). By the limitation of ability, there were still some teachers who hardly applied the technology in their regular conventional class (Alimin & Saad, 2019). These teachers could not operate technology so that the class interaction and material distribution could be delayed and run ineffectively. Moreover, in certain economical conditions, not all of the students were provided with good and enough quota accessibility so that some would be absent from the class from the start or even in the middle of the class. Some connection problems can also disturb the concentration of the class.

Therefore, this study aimed to identify and analyze the effectiveness of Google Classroom as Blend Learning Method to find specific strengths and weaknesses of this media to improve the quality of the online learning process in the future. The identification of strengths and weaknesses of this learning media can provide such specific information on both the negative and positive sides of online learning methods that can be managed using a correct solution. Each positivity and negativity have a different side that must be known to find the best choice to adapt to the situation. Indeed, this study tried to analyze in what way these strengths and weaknesses gave influences on online learning process through Google Classroom.
2. METHOD

This study used a qualitative method. The data were collected by observation and interview. The interview was informal. The researcher did an informal interview. The researcher only asked open-ended questions and allowed the participants to answer the questions based on what they knew without pushing them. The researcher interviewed the participants at different times and places using the same questions. In addition, the researchers also observed and read several sources in addition to gathering information. In the observation, the researcher explored further the application and the use of the application.

The participants of this study were 12 fifth-semester students of the English Language Education Department of the Ganesha University of Education in Singaraja who were taking an e-learning course and making e-learning platforms. These participants were from the 5G class. There were three male students and nine female students. The researcher chose the twelve students because they were using Google Classroom for the e-learning platform. They had made an e-learning platform and used it. The researcher interviewed these participants in the classroom and via social media with the same questions. The questions were open-ended. The researcher observed Google Classroom obtain the real data.

The researcher used four steps to collect the data. The first step was observation to see how the participants used Google Classroom in their e-learning platform. The second step was an interview with a semi-structured design. The third was open-ended questions, to check the participants’ opinions about the strengths and weaknesses of Google Classroom based on the participants’ experiences. The three instruments that the researcher used were intended to obtain the data from the participants based on their understanding and experiences in using Google Classroom. The analysis of all data was organized to obtain findings that were interpreted appropriately, starting with organizing the data and continued reading them to get a general understanding. The last step that had to be done was interpreting the data before the data were finally presented.

3. RESULT AND DISCUSSION

Result

This section provides the result of the questionnaires answered by the participants regarding their opinions about the strengths and weaknesses of using Google Classroom. The questionnaire had two items that had to be answered by the participants. The first research question is aimed to find the strengths of using Google Classroom. From all of the participants, some said that they liked to use Google Classroom as a tool in blended learning. Their reasons can be shown in the following table 1.

Table 1. Student’s Opinion about the Strength of Using Google Classroom

<table>
<thead>
<tr>
<th>Students (N)</th>
<th>Opinion</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Strength</td>
<td>Weakness</td>
</tr>
<tr>
<td>4 students</td>
<td>√</td>
<td>The students find it is easy to operate and use Google Classroom</td>
</tr>
<tr>
<td>3 students</td>
<td>√</td>
<td>Paperless</td>
</tr>
<tr>
<td>1 student</td>
<td>√</td>
<td>Easy to shares and discuss new ideas effectively</td>
</tr>
<tr>
<td>2 students</td>
<td>√</td>
<td>Can be accessed through any device from everywhere</td>
</tr>
<tr>
<td>2 students</td>
<td>√</td>
<td>Learning from outside school is more interactive and less pressure</td>
</tr>
<tr>
<td>10 students</td>
<td>√</td>
<td>Complicated to rely on a friend’s comment in the comment section</td>
</tr>
<tr>
<td>2 students</td>
<td>√</td>
<td>Teachers cannot attach document files</td>
</tr>
</tbody>
</table>

From Table 1, it can be seen that almost 85% of the students found it difficult when doing written communication in the comment section because Google Classroom did not provide this feature. Moreover, even though it is considered a strength, only 5% of the students stated that it is easy to share and discuss ideas during online interaction which means that most class members had no intention to this point, did not enjoy the class because it is just an online class, or hard to get good connectivity to join the discussion session. On the contrary, 40% of the students stated that Google Classroom is easy to be operated and used.

Discussion
Most of the participants told that the Google Classroom application is easy to use. Four students gave comments that Google Classroom is easy to use. This shows that Google Classroom is easy to use by students (Al-Maroo & Al-Emran, 2018; Kurniawati et al., 2019). Three students had comments that it is easy to submit an assignment with Google Classroom and there is no need to use paper when Google Classroom is used (Albashawi & Al Bataineh, 2020; Soni et al., 2018). Two students stated that Google Classroom can be accessed from all devices, even though the students do not have the application. One student commented that they can communicate and share ideas effectively with their friends and two students stated that the students can learn outside of the school when using Google Classroom. Moreover, the result shows that there are only two weaknesses of using the Google Classroom application. From the two weaknesses, the participants could solve that problem. 10 students gave their opinions that indicate that they cannot reply to their friends’ statements. Two students said that a teacher in an e-learning platform cannot attach document files.

The result has shown that there are several strengths and weaknesses found in using Google Classroom. From Table 1, Google Classroom has more strengths than weaknesses. There are more strengths in using Google Classroom (Khalil, 2018; Setiawan & Ari Oka, 2020). However, Google Classroom has weaknesses as a tool for blended learning. The participants knew that every application has weaknesses; they still used this application and found the solution for every weakness. The teacher and students were able to make better interactions with Google Classroom in online discussion (Mahitsa & Mahardini, 2020; Subandi et al., 2018). The strengths of Google Classroom arouse the participants’ interest to use it at school in the future where they had become teachers (Guswara, 2020; Haka et al., 2020). The weakness of Google Classroom for the teacher is that it cannot attach documents files. The solution to that problem is the teacher has to write the material that will be given to the students. One of the problems is that most of the students do not reply to their friends’ comments, so when the student wants to comment on his or her friend’s statement, the student will be confused, where they have to comment. The solution is the students have to pay attention to their friend’s comments and to know for whom they give their comments. Therefore, the participants can use Google Classroom better (Daniati et al., 2020; Santosa et al., 2020).

From the findings, it can be seen that the difficulty of online learning to Google Classroom is experienced when the students want to comment on the uploaded material or discussion topics brought by their friends. It is in contrast to the statement from the students who also stated that Google Classroom mediated them easily and effectively to share their opinion. Because of that, due to analytical research, it is found that the contradictory statement derives from several limitation conditions of the class. (1) The discussion seems effective and easy because it refers to online interaction and meetings. There is no relation to the comment section material. It attaches to the virtual meeting done by the students and the teacher where in this section, whenever the students have questions or opinions, they are allowed to raise their hands using the reaction feature so that the teacher can notice them easily rather than when they are doing an offline class where they tend to feel shy and afraid to ask a question. (2) The feature of Google Classroom provides the students a way to open another platform so that they have enough space and time to find a source of information on the internet.

However, the statement about the difficulties to use the comment section refers to the attachment file feature provided by Google Classroom. In this section, the comment section is restricted due to several reasons such as (1) to limit the unnecessary discussion between students in material attachment and (2) to avoid cheating on others’ assignments. In this feature, students can comment on the other works or the attachment file uploaded by the teacher when they have already uploaded their assignment (Alimin & Saad, 2019; Putri, 2020). Moreover, the comment section is opened only between the specific students and the teacher because the format of Google Classroom itself is like personal learning media, so the shape of the comment section is different from the chat on other social media. Based on the analysis, the strength of using Google Classroom can be improved more to give students basic ability in adopting technological changes during online learning classes while the weakness can be prevented by following the regulation of online learning classes thoroughly (Mansyur, 2020; Yunitasari & Hanifah, 2020).

4. CONCLUSION

Blended learning has to be improved in Indonesian schools. The teachers must learn about how to use technology in teaching in the classroom. The teachers have to combine face-to-face instruction with instruction through the computer. It can help the students prepare for the twenty-first century in which the learning process will be using technology. The application or tool that the teacher can use to support their blended learning is Google Classroom. There are more strengths that Google Classroom has than its weaknesses. One of the strengths of Google Classroom is it is easy to use because it can be accessed from all devices. The researcher got a limited number of answers from the participants because they had the same opinions about the strengths and weaknesses of using Google Classroom.
5. REFERENCES


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