

The Use Of Paperless Learning Media In Efl Classroom: A qualitative study about the use of paperless learning media in English subject at STIMIKOM Stella Maris Sumba

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Abstract

English subject is one of the important subject at Stimikom Stella Maris. This international language is able to deliver students to international networks. To support the class, the media that use in learning process not only modules but also paperless. This study reports the use of paperless learning media in STIMIKOM Stella Maris Sumba. In the informatics management study program, there are four classes. Each class has twenty students. The population of this research are the students of STIKOM Stella Maris Sumba. The sample of the research are six students. This research uses a qualitative descriptive method with data collection techniques area interview, observation and documentation. The results of this study indicates that the paperless learning media in English subject class is beneficial to both the student and lecturer.

Keywords: *paperless learning media, English Subject*

Introduction

The use of English in the field of education is not only a support for international communication but also as a support for digital activities (Anderson, M.A., 1997). Paperless media is an example of digital activity. In an era of increasingly advanced technology learning using paperless media has been widely carried out in a number of schools and universities in Indonesia. The use of this media is related to the cognitive improvement of students (Bakalo, D. I., & Shishkovskaya J. V., 2012). However, in this study the use of paperless media is not only related to cognitive development but also the formation of student character in accordance with STIMIKOM Stella Maris' mission in the field of education, namely to provide quality, superior, creative, innovative and competitive higher education.

To achieve this mission, paperless media is considered according to student needs (Baby K. Thomas & Muhammad Amir Saeed, 2020). The paperless media used is a module on the website. Paperless media is a digital system where students can access module material anywhere and anytime (Craven Laurence, 2017). This website is related to second semester student material, namely the understanding and explanation of computer applications in English. Through this website, students are expected to be able to add insight into commuting

applications in English. The website is an English language module by Anggraini & Kusumawardhani P (2018) Universitas Bina Sarana Informatika. This website is also connected to the YouTube application so that students can study independently using this website (Creswell, J.W., 2007). Paperless media is an interesting and essential study because lecturers and students are required to play an active role in increasing self-development both cognitively and character. Therefore, this research is very important to be carried out.

Method

The participants of this study were students of STIMIKOM Stella Maris Sumba. There are six English classes in this College of Computer Informatics Management. Each class consists of 20 students. In this study, the researcher used purposive sampling. The researcher conducted interviews with six students. The six students consist of three males and three females. The range aged is around 21-22 years. They have studied at STIMIKOM Stella Maris for two semesters.

In this study the researcher used four open questions to conduct interviews with six STIMIKOM Stella Maris Sumba students. In addition, the researcher did the observation in class. As a lecturer in English at STIMIKOM Stella Maris Sumba, the researcher directly observed the learning process in class directly. The documentary evidence of this research is a journal which is written by the researcher in the learning process.

Maxwell (2005, p.25) describes the process of analyzing qualitative data as follows : “ The experienced qualitative researcher begins data analysis immediately after finishing the first interview or observation, and continues to analyze the data as long as he or she is working on the research, stopping briefly to write reports and papers.

Based on the theories above, the researcher carried out the steps for collecting data, namely, first, doing reflection and evaluation during one semester of the learning process in class. second, formulate a research problem in the form of a question. Then, selecting six students for the interview activity. Next, held an interview process with six students. researchers also made observations in class and wrote journals about activities in class. After that, the data is collected the researcher analyzes the data, puts the results of the analysis into discussion and then concludes the results of the analysis (Polat, E. S., & Buharkina M. Yu, 1999). The researcher also recommends what actions should be taken by researchers in the future.

The analysis of this study was taken from interview data, observation and documentation that were collected. It was used qualitative analysis techniques. The data, examining topics, categories of topics and patterns across questions performed a content analysis (Iskandar Trias

Pyrenia & Winniw Wardiani, 2020). In the process of analyzing the first data, the researcher formulated the problem in two questions. Then, the researcher determines the topics to be used in this study. After that, from two questions of the problem formulation, the researcher made four open questions that were asked to the participants. The results of these interviews become data that is analyzed in the results and discussion as well as to conclude how to use paperless learning media in EFL classroom and how the impact of using paperless learning media for lecturers and students in the learning process. From the analysis of the interview data, it can be concluded that there are benefits and challenges in using paperless learning media (Sugiyono, 2009). Then, researchers found a positive impact of paperless learning media for lecturers and students in the learning process.

Result and Discussion

The first question asked how the use of paperless learning media in STIMIKOM Stella Maris Sumba is. The data revealed that paperless learning media gave some of benefit to the students. Beside that, the data also indicated the challenges of paperless learning media. The result of interview as follow:

ST as a 21 year old second semester STIMIKOM student stated that the use of paperless media in the learning process provides positive benefits. Paperless media can be used without writing tools such as paper, pencils and pens. Of course this reduces costs for writing time. Besides that, the use of this media is also environmentally friendly (Slowinski, J, 2000). Beside that, there is also character value that can be implied to students about how to keep the environment well. The following interview. The following is an example of an interview about one of the benefits of paperless media:

Lecture : *“According to your opinion, what is the benefit of paperless media in your class?”*

Student: *"The use of paperless learning media is very helpful and has a positive impact in supporting learning and is also cost-effective because we don't need to buy paper and stationary. I think it is environmentally friendly."*

As the second informant DT, a second semester STIMIKOM Stella Maris Sumba student who is 22 years old, revealed that paperless media is effective in using in the learning process because it can be done anywhere and anytime. Using paperless media is very practical. It is said that because students can do learning anytime and anywhere. Of course, this can be an advantage for students who work or have other activities while studying at college. The following is an example of an interview about the benefits of paperless media:

Lecture : *“According to your opinion, what is the benefit of paperless media in your class?”*

Students: *"With paperless learning media, I don't have to come to class to take part in the learning process. I can access the learning process anywhere and anytime."*

Positive things about paperless media were also expressed by the third and fourth informants FN and YN who are Stimikom Stella Maris students aged around 21 and 22 years. Paperless media can also create fun learning. By using paperless media, there are many applications that support more interactive and creative learning. For example, using websites, Google Classroom and social media can increase student creativity (Yuniarti, W. D., 2014). The following is an example of an interview about the benefits of paperless media:

Lecture : *"According to your opinion, what is the benefit of paperless media in your class?"*

Student: *"Paperless media provides a different atmosphere from the learning process in the classroom so that learning is more varied and eliminates boredom."*

While the fifth and sixth informants JN and MT, aged 21 and 22 years, revealed that using paperless media is practical because it can be accessed using various digital technologies. Apart from being able to be used anywhere and at any time, paperless media can also be accessed using a smart phone. As a college student, it's certainly not difficult to operate a smartphone. and the majority of tertiary students carry smart phones. Of course this makes it very easy for students to access the material. The following is an example of an interview about the benefits of paperless media:

Lecture : *"According to your opinion, what is the benefit of paperless media in your class?"*

Students: *"Paperless media can be accessed not only via laptops and desktops but also smart phones. Of course this is practical. Without opening laptops and desktops, we can still learn and do assignments from lecturers."*

The other benefit based on ST as the first informant revealed that paperless media could add insight into technological advances. When using paperless media students are required to understand technology. This certainly makes students learn autodidactically about existing technology. So that, students can increase their knowledge about technology

Lecture : *"According to your opinion, what is the benefit of paperless media in your class?"*

Student : *"This paperless media helps me to increase my knowledge about technology. So that I am not left behind with existing technological advances."*

DT and JN also revealed the positive impact of using paperless media in learning. This media is considered to be able to integrate the benefits of technology in everyday life. in addition to the benefits mentioned above. Paperless media can also help students apply technology in their daily lives. Of course this further increases not only technological

knowledge but also the ability to use technology. The following is an example of an interview about the benefits of paperless media:

Lecture : *“According to your opinion, what is the benefit of paperless media in your class?”*

Students: *“Paperless media proves that we can integrate technology in everyday life. This is very helpful besides having learning documents manually.”*

Therefore, The data also indicated the challenges about the use of paperless media. Most of the challenges are related with the campus facility. Based on the interview the use of paperless learning media needs sufficient facilities such as wifi, internet network, internet quota and laptop and chargers. For the challenges of using paperless media, the campus should provide solutions by adding the required facilities. Solutions related to these challenges can also be found with the involvement of parents and the government as educational supporters. Collaboration between parent campuses and the government in creating conducive education is really needed to overcome the challenges of using paperless media.

The second question explored about the impact of paperless learning media in the class both for the lecturer and students. Beside the benefit and challenges, paperless learning media has the impact for both the lecturer dan students. As an English lecturer in STIMIKOM Stella Maris Sumba paperless learning media gave the positive impact in second term learning process. This media helps not only the process of learning but also the process evaluation. This media can help to manage the data via online. The benefits of paperless media are also felt by lecturers. Media II, apart from helping the learning process become more practical, can also increase technological knowledge for lecturers. In addition, this media supports the creation of more creative and innovative learning methods. Of the various benefits that exist, the existence of paperless media should be encouraged and supported by the campus, parents and the government.

The researcher found some of benefit and challenges related with the use of paperless learning media in STIMIKOM Stella Maris Sumba. The following table shown the benefit and challenges which are related with the use of paperless learning media.

No	Benefit	Challenges
1	Paperless learning media is enviromentally friendly tool.	Bad internet connection.
2.	The use of paperless leaning media saves cost because it doesn't need paper and stationary.	Lack off the sufficient fasilities such as laptop, chargers and free wifi.
3.	The use of paperless learning media is flexible.Both the students and lecturer can use it every where and every time.	-
4.	The use of paperless learning media create pleasant and fun situation so the students don't get bored.	-

Conclusion

The use of paperless learning media in EFL classroom has been shown in this study. The researcher has found some of benefits, challenges and positive impact from paperless learning media. Therefore, the participants revealed there were some benefit and challenges of the use of paperless learning media. Paperless learning media is enviromentally friendly, flexible and fun tool. The benefit can enhance students knowledge and character. Although, it has challenges that is as a material to considere. Beside benefit and challenges, it has positif impact to both the lecturer and students. The use of paperless learning media can improve the knowledge of technology and can integrate the technology in daily activity. The researcher offered valuable recommendations for using the paperless learning media so that it can be more beneficial, efficient and effective especially in learning process. This study recommended that : (a) Supporting the use of paperless learning media with good internet network. It means the college should provide this facility to support the use of paperless learning media (b) The college should provide sufficient facilities such as laptop and free wifi to support the use of paperless learning media. With the recommendation above, it is hoped that it will increase the use of paperless media to be good. To achieve STIMIKOM Stella Maris Sumba in the field of education, namely to provide superior quality, creative, innovative and competitive higher education.

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