



Utilization of E-Campus in Supporting Arabic Language Learning for the Interests of Four Skills in College Students

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ABSTRACT

The problems experienced by students in the Arabic language learning process are lacking in understanding the learning. This is due to the lack of innovation in learning in college and also due to the lack of learning media used to support the learning process in college. The purpose of this study was to support Arabic language learning using the e-campus learning system in college. The method used by the researcher is the quantitative method, which method can show that this research is in the form of data containing numbers. The data was obtained using the Google from application as a means to create a questionnaire containing questions which were then distributed to respondents who were used as the results of the research subjects. The results of the study showed that there was the use of e-campus in supporting Arabic language learning for students in college. The conclusion of this study explains that the e-campus application can be used in Arabic language learning which can increase students' enthusiasm for learning and can also test and determine their ability to understand Arabic language learning in college. The limitations of this study are that the researcher only conducted research on the e-campus application as a medium for learning Arabic in college. This study also recommends that further researchers conduct research using e-campus as a medium for learning Arabic, but it should be further developed to become a challenge in using e-campus in learning Arabic.

Keywords: E-Campus, Language Learning, Supporting Arabic

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INTRODUCTION

Technology is an object that aims to solve a problem related to humans.(Mekki et al., 2019). Technology is very closely related to education.(Radianti et al., 2020). Technology is also a media that has been systematically arranged to convey all information.(Yang et al., 2020). The technology used can be a vehicle for increasing insight to make it easier to complete work.(Samaniego et al., 2020). Communication technology is a device that is used with tools to help process data.(Twenge et al., 2019). The function of communication technology is an exchange of communication and information to become an effective exchange and also so that the information received efficiently. The function of this technology is to create opportunities to make money and

also to make it easier in the data search process.(Chan et al., 2020). Technology is the result of the development of science that can help in the teaching and learning process and is also useful for facilitating internet-based activities.

The development of technology in the world of education has a positive impact on learning. The development of technology today uses a lot of online-based learning media that facilitates the teaching and learning process. Learning media also makes it easier for students to understand learning. The development of technology also has a good impact on the world of education because it is more organized and effective and efficient in accordance with the learning needs of students to bring up the spirit of learning that can help students understand lessons and can increase students' insight in supporting the learning process so that the learning is achieved properly. Because it is easy for students to understand and the teaching and learning process becomes more enjoyable according to the teacher's interests.

Information technology is no longer foreign to students nowadays.(Theobald et al., 2020). Information technology can also produce quality information and be used to process data.(Hindricks et al., 2021), including processing to obtain data in various ways to obtain good information.(Christodoulou et al., 2019). The development of technology for students today is very amazing and students actually unknowingly have used a lot of information technology today.(Lee et al., 2019). Students use information technology as a support needed such as computers. Students use information to search for things related to lecture activities.(Liang et al., 2019). In today's modern era, students really need the internet.(Patil et al., 2019). With the internet, students can see information about student status, student achievements and students can also access college assignments.

E-campus is a media that supports academic activities and is used to convey and receive information related to lectures.(Casino et al., 2019), which e-campus can be accessed via cellphone, laptop, computer. This e-campus is web-based and its features have many benefits, such as filling in KRS.(Sharman et al., 2020), taking transcripts, viewing class schedules and so on. E-campus provides services for lecturers. Among them are entering RPS into e-campus so that it can be seen by students at every meeting, lecturers can send assignments and summarize absences like online absences using the camera on e-campus(Levis et al., 2020). However, not all e-campus features can maximize the online-based learning process, especially Arabic language learning in 4 skills, namely listening skills.(Tang et al., 2020), see, read, and be proficient in speaking Arabic. So it is necessary to update the features on the e-campus to maximize online-based learning.

Many colleges or universities use e-campus(Ward et al., 2019), although in the different e-campus name section. So that the researcher only took one university in implementing e-campus research as a medium for learning Arabic in the interests of four skills in students at the university, namely UIN Mahmud Yunus Batusangkar(Naushad et al., 2019). Because UIN Mahmud Yunus Batusangkar which is now previously called IAIN Batusangkar, then in UIN Mahmud Yunus Batusangkar it is still called IAIN Batusangkar e-campus. Although the initial features or initial appearance of IAIN Batusangkar e-campus have changed to UIN Mahmud Yunus Batusangkar Academic

Information System(Rini et al., 2019). One of the uses of technology that will be developed by researchers today is e-campus.(Zhang et al., 2019). However, not all of them have e-campus features that can maximize the online-based learning process, especially in Arabic language learning.

With the existence of e-campus or academic information system in each university, all interests related to academics or administration can be accessed via e-campus.(Sheahan et al., 2020). One of the applications of the use of this technology is in the application that will be developed by researchers now, namely e-campus.(Wei et al., 2019). Currently, the development of e-campus at UIN Mahmud Yunus Batusangkar is very necessary so that the name of the e-campus can be changed to e-campus UIN(Eslam et al., 2020). This is done through stages, then development is carried out to make changes to the use of e-campus as a medium for learning Arabic.(Lima et al., 2019). In using increasingly sophisticated technology today, it is hoped that everyone can make good use of the sophistication of this technology.

According to Arif Saputra, the same research was conducted to find out and analyze how satisfied users are with the information system used and what factors influence user satisfaction with the information system.(Samaniego et al., 2020). The subject of this research is the E-Campus Information System of the State Islamic Institute of Bukittinggi (IAIN). This research is based on the importance of evaluation in developing the system.(Chan et al., 2020). The method used in this study is EUCS (End User Computing Satisfaction). The EUCS method consists of five independent variables, namely content, accuracy, format, ease of use and timeliness, and one dependent variable, namely satisfaction.(Cassini et al., 2019). Population data $N = 99$ and the results of the analysis provide a correlation coefficient of 73.3%. In other words, there is a statistically positive relationship between content, accuracy, format, ease of use, timeliness, and satisfaction.(Khan et al., 2020). if each variable has a higher correlation, it will increase user satisfaction of the E-Kompas Information System in line with the meaning of the relationship.(Naushad et al., 2019).The difference between this researcher and previous research is that previous research is in the effective part or like the e-campus application in online Arabic language learning. Previous research has not used many interesting features in the e-campus application and watching learning because of the limitations in using the e-campus.(Duan et al., 2019).Meanwhile, in this research, it will be effective with the appearance of e-campus in supporting Arabic language learning for the benefit of four skills in students in higher education which is equipped with various features that are more interesting and more upgraded than before so that the learning process is easy for students to enjoy.

This research was conducted because the researcher wanted to know more about the advantages, disadvantages, benefits and the researcher wanted to develop e-campus as a medium for learning Arabic for the benefit of four skills for students in higher education.(Gutiérrez et al., 2019). Obstacles or problems that are clearly visible in the use of e-campus are web or browser errors.(Sambasivam & Opiyo, 2021), making it difficult for users to log in to their e-campus accounts or what is also known as academic

information systems. By knowing the problems related to the obstacles in using e-campus, in this article the researcher will explain how to utilize and develop the use of e-campus. In addition, the researcher also conducted an evaluation of Arabic language learning for the benefit of four student skills at the State Islamic University of Mahmud Yunus Batusangkar.

RESEARCH METHODOLOGY

The method used in this research is the development method with the Gagne and Briggs model and the quantitative survey model, in which the researcher created a list of questions related to the use of e-campus in the form of a questionnaire to be answered by the e-campus users themselves.(Klok et al., 2020). The answers or responses from the respondents can be a conclusion for researchers to develop e-campus as a medium for learning Arabic for the benefit of four skills for students in higher education.(Attia et al., 2019), especially UIN Mahmud Yunus Batusangkar. Quantitative method is a development method where the information is obtained from survey results and expressed in numbers or figures. Development in this quantitative research uses hypothetical or mathematical models related to the phenomenon. The advantage of this quantitative method is that the data obtained is accurate, called accurate because the data is obtained from collecting survey results. Techniques in collecting data with this quantitative method can be in the form of questionnaires, interviews and observations

Time and place of research to collect data in college. The object of this study is the feasibility of e-campus as an alternative in supporting Arabic language learning for the benefit of four skills in college students. The method used in this study is a quantitative method. The place of this research is usually carried out in a college that aims to see the feasibility of e-campus. Data collection used in this quantitative study by distributing questionnaires to students with the aim of finding out what percentage of the feasibility of the e-campus. For students and observations by knowing their knowledge first, determining the object to be observed, the purpose of the problem to be created, preparing observations, determining the secondary data needed and also recording the results of observations. An example is by conducting research in college.

The technique used by researchers in collecting data containing numbers is to collect all information that can be compared, measured and calculated with a statistical scale. The process of processing data that has been collected from respondents in the field of observation feels. Quantitative research data analysis techniques. For example, a data processing process based on the type of respondent. After that, create objects and calculate hypothesis tests and make tabulations. In the study, it was supplemented by statistical trials, namely information statistics used when random data collection techniques and when the population sample data and descriptive (used to analyze data by describing data that has been collected without changing the data source) in inferential statistics there are two parts, namely parametric statistics (have strong power if they can meet all their assumptions) and non-parametric (data commonly used in statistics are nominal and

ordinal data).

RESULT AND DISCUSSION

The e-campus application uses quantitative research methods. Quantitative methods are data collection investigations using statistical or mathematical techniques. The process of collecting quantitative data is known as questionnaire data collection techniques, interviews, and also observations. Research in the form of numbers and numbers that can be calculated is also called quantitative research. Quantitative research methods are obtained through questionnaires as research tools, or can also use questionnaires. Quantitative research according to Emzir explains that the definition of a quantitative approach is an approach that primarily uses postpositivist in developing science (such as relating to cause and effect, reduction to variables, hypotheses and specific questions with observation measurements, and theory testing). Using research strategies such as surveys and experiments that require statistical data, the use of this ecampus application can facilitate students in the process of learning Arabic for the interests of four skills in students in college. Therefore, the use of the ecampus application in education can be an alternative to support the quality of Arabic language learning. This quantitative research method is divided into two, namely the inferential method and the descriptive method. One example of quantitative research is the use of e-campus in supporting Arabic language learning for the interests of four skills in students in college, and many other examples.

Table 1 Body Length Weight of Article

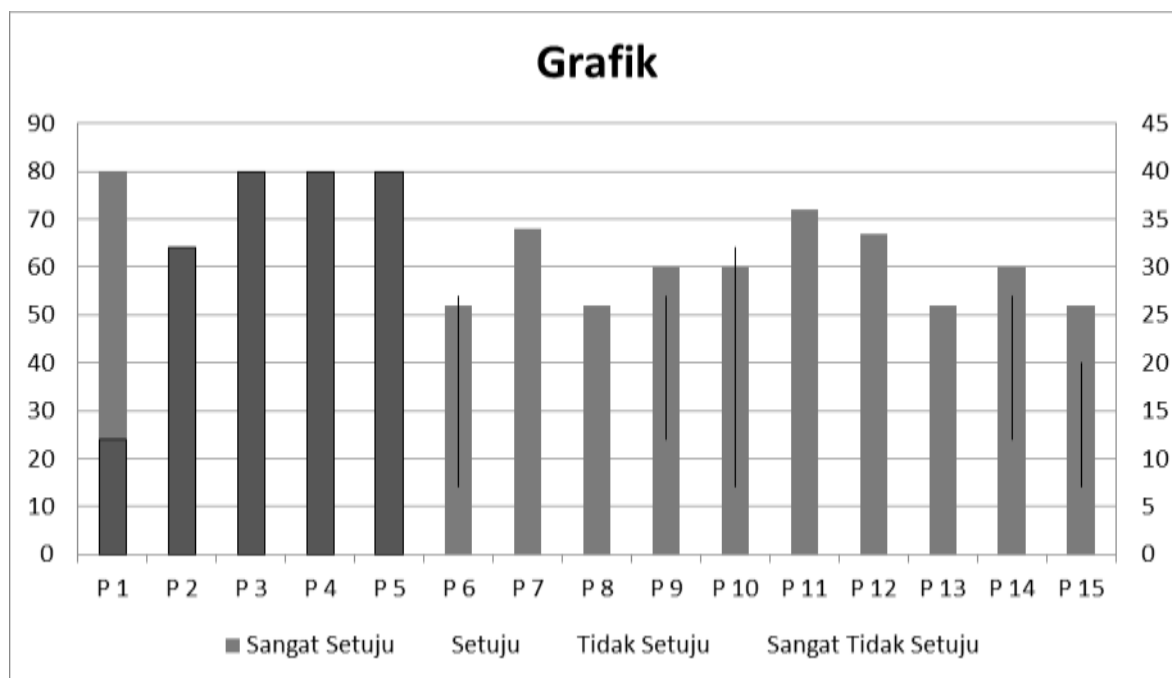
No	Statement	Answer			
		Strongly agree	Agree	Don't agree	Strongly Disagree
1	Utilizing the use of e-campus applications in Arabic language learning can encourage students' curiosity	80%	13.3%	6.7%	-
2	The e-campus application is a practical online application	60%	33.3%	6.7%	-
3	e-campus application is very interesting and easy to use by students	53.3%	40%	6.7%	-
4	In this e-campus application, students can be enthusiastic about accessing assignments and filling out the KRS.	60%	40%	-	-
5	The design contained in this e-campus application is very suitable for all student learning styles.	60%	40%	-	-

6	Utilizing the e-campus application makes it easier for students to access assignments	53.3%	26.7%	13.3%	6.7%
7	The e-campus application is an application used to convey and receive information related to lectures.	66.7%	33.3%	-	-
8	E-campus application can maximize the online-based learning process	53.3%	33.3%	13.3%	-
9	The e-campus application can be used by students and lecturers	60%	26.7%	13.3%	-
10	Examples of research on e-campus application learning media are very clear	60%	33.3	6.7%	-
11	Web-based e-campus application whose features have many benefits	73.3%	26.7%	-	-
12	The features contained in the e-campus application are easy to understand	66.7%	33.3%	-	-
13	The e-campus application is a means to facilitate learning for students.	53.3%	40%	6.7%	-
14	The e-campus application is very practical so that it can be used as a tool to access assignments and summarize absences.	60%	40%	-	-
15	The e-campus application is very necessary for students, especially in learning Arabic.	60%	26.7%	13.3%	-

Researchers at Titik College found several statements resulting from questions about the use of online-based learning media, namely ecampus, which greatly assisted researchers in researching the use of the ecampus application at Titik College. The questions tested in this study amounted to 15 questions containing the benefits, functions and objectives of using campus learning media applications for Titik students. Statements containing the use of the ecampus application in Arabic language learning can encourage students' curiosity with a percentage of 80% in the strongly agree category. Statements containing the ecampus application are practical online applications with a percentage of 60% in the strongly agree category. Statements containing the ecampus application are very interesting and easy to use by students with a percentage of 53.3% in the strongly agree category. Statements containing the ecampus application can make students enthusiastic about accessing assignments and filling

out KRS with a percentage of 60% in the strongly agree category. This statement contains the design contained in this e-campus application is very suitable for all student learning styles with a percentage of 60% in the strongly agree category. This statement contains the use of e-campus applications to make it easier for students to access assignments with a percentage of 53.3% in the strongly agree category.

The next statement is about the contents of the ecampus application, which is an application used to convey and receive information related to lectures with a percentage of 66.7% with a category of strongly agree. This statement contains the ecampus application as being able to maximize the online-based learning process with a percentage of 53.3% with a category of strongly agree. This statement contains the ecampus application can be used by students and lecturers with a percentage of 60% with a category of strongly agree. This statement contains examples of research on the ecampus application learning media very clearly with a percentage of 60% with a category of strongly agree. This statement contains a web-based ecampus application whose features have many benefits with a percentage of 73.3% with a category of strongly agree. This statement contains the features contained in the ecampus application are easy to understand with a percentage of 66.7% with a category of strongly agree. This statement contains the ecampus application as a means to facilitate learning for students with a percentage of 53.3% with a category of strongly agree. This statement contains the ecampus application is very practical so that it becomes a tool for accessing assignments and they are absent with a percentage of 60% with strongly agree category. This statement contains about the ecampus application is very necessary for students especially in learning Arabic with a presentation of 60% with the strongly agree category.



The graphic image above is the result of research on Arabic language learning

innovation for the benefit of four skills in college students using the e-campus application. Data from the results of testing statements about ecampus can be obtained as follows: in the research process, the researcher used 15 questions to test students' ability to answer questions about the use of ecampus in supporting Arabic language learning for the benefit of 4 skills in college students. The highest student obtained a percentage of 80% based on the results of the study with the acquisition of the strongly agree (SS) category. The second highest research presentation result was obtained by a presentation of 73.3% based on the results of the study with the acquisition of the strongly agree (SS) category. The lowest research results on Arabic language learning innovation using the ecampus application were obtained by the agree (S) category with a percentage of 13.3% in the results of this study, the second lowest was obtained by the strongly disagree (TS) category with a percentage of 6.7%. This shows that the strongly agree category is the highest category.

Data for the results of the study on the use of e-campus in supporting Arabic language learning for the benefit of 4 skills in college students can be explained as follows: in the strongly agree category, the highest percentage is 80%. While the lowest percentage in the strongly agree category is 53.3%. Furthermore, the second percentage is in the agree category with the highest percentage of 40%. While the lowest percentage in the agree category is 26.7%. In the disagree category, the highest percentage is 13.3%. While the lowest percentage in the disagree category is 6.7%. The next category is the strongly disagree category which has the highest percentage of 6.7% based on the overall results of the study, students who agree with the question about the use of e-campus in supporting Arabic language learning for the benefit of 4 skills in college students can help students understand learning.

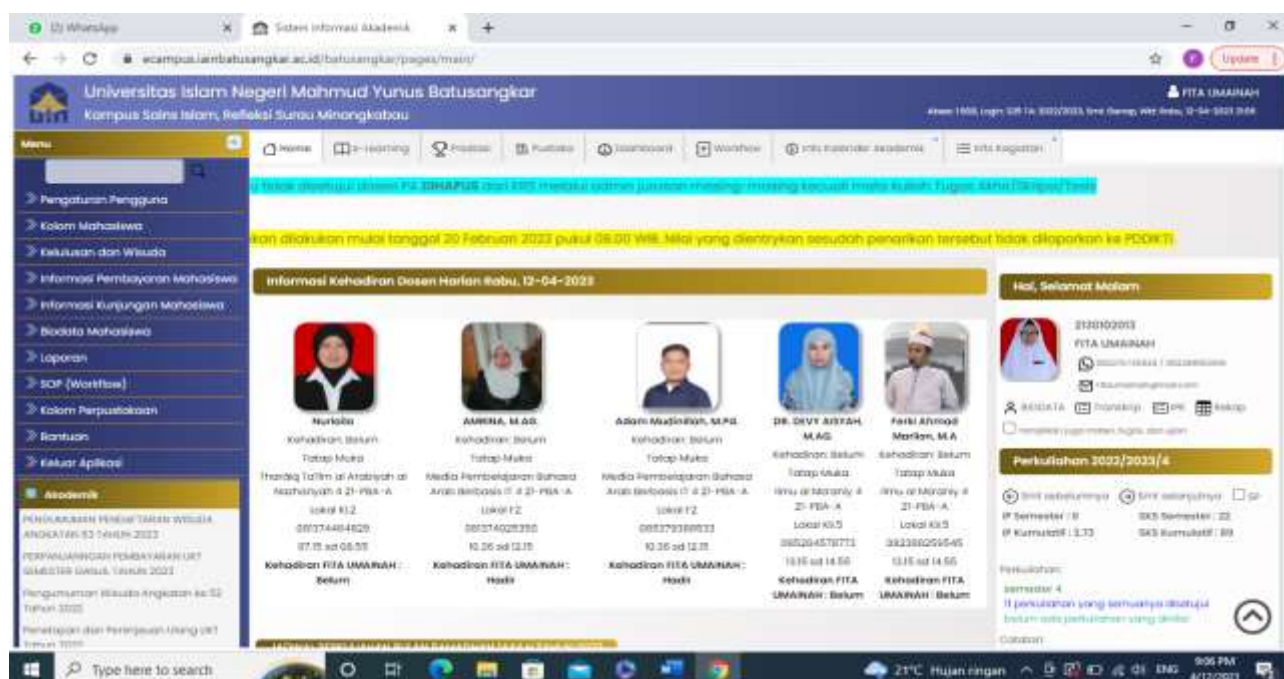


Figure 1. Use of E-Campus in the Learning Process

Based on the image above, it can be seen that the ecampus feature is very useful,

especially in the academic information section. In academic information, there is information related to lectures, but not all information obtained from the campus, such as information about lecturers who are suddenly unable to attend lectures, even so, in general, information related to lectures, especially at UIN Mahmud Yunus Batusangkar, is always updated or provides the latest information. The image above shows that with ecampus, users can find out information about lectures such as UKT payment deadlines each semester, KRS revision and approval deadlines, graduation announcements or postponement of graduation ceremonies, scholarship announcements, leave applications and many more. The presence of a feature for taking attendance makes it easier for students if they forget to take attendance offline or WA group. And with this attendance taking feature on ecampus, it can also make it easier or lighten the work of lecturers because each meeting has recorded the attendance of each student. However, if students forget to take attendance on e-campus even though the attendance taking rules are given a grace period of 30 minutes after the lecture, the attendance taking cannot be used and students are considered absent, but the problem regarding this absence is returned to the lecturer.

The characteristics of the ecampus application are that it makes it easier for students to submit assignments and see the grades that have been inputted by lecturers in Arabic language lectures using e-campus. The e-campus application can also be equipped with clear instructions for use and an interesting learning system. Where the learning process can be carried out using this application because this application is accompanied by interesting and clear media. The e-campus application is very helpful for students in filling out KRS and students can also find out the RPS in each course, especially Arabic, unless the lecturer has not uploaded it. With the details of learning at each meeting, education management runs well at the UIN Mahmud Yunus Batusangkar ecampus and is more organized in the schedule and learning process, students can also prepare or understand the material that will be discussed at the next meeting and can also prepare questions so that the discussion during the lecture process is good.

The results of the research obtained by the researcher are the use of e-campus in supporting Arabic language learning for the benefit of four skills in students in college. The purpose of using ecampus is to make it easier for students to understand Arabic language learning and to test students' abilities. The use of ecampus is appropriate for use in Arabic language learning media in college. The use of this e-campus application makes it easier for students to get information about scholarships, UKT changes, information about when national holidays are and others, then there will be the latest information in e-campus. This ecampus application can help students who have difficulty finding materials, because all materials in each course are in e-campus unless the lecturer deactivates e-campus.

The research conducted on the ecampus application obtained results that many students who like Arabic language learning media use this e-campus application. The method used in this study is a quantitative method in which the researcher emphasizes analysis of data in the form of numbers processed using statistical methods. The results of this quantitative research method are obtained by collecting data carried out by researchers by going directly to the research site, with the aim of finding out the data that can be obtained from valid and actual sources. Quantitative methods can explain in detail and clearly how many people or the amount

of data studied in the field. This quantitative method also makes it easier for researchers to create scientific works obtained from data results in the form of diagram tables using valid data sources obtained from the research site.

The purpose of this study is to facilitate lecturers and students in the learning process, especially in learning Arabic in universities. This e-campus application has spread widely in universities, especially at UIN Mahmud Yunus Batusangkar. This e-campus application is used as a means of the learning process as well as making it easier for students to get lecture information. Universities that use this e-campus application have a good internet network to support Android in accessing learning media from this application. As for universities that have not used learning media using this e-campus application, they are usually located in remote areas where the internet network is difficult to access learning media. Researchers hope that further researchers can help any university that uses this learning media easily in accordance with the development of the times and technology in the world of education.

CONCLUSION

Based on the research above, the researcher can conclude that the learning media using the e-campus application can be a supporter in learning Arabic for the benefit of 4 skills in students in college. Student abilities can be tested through tests contained in the e-campus application. The results of the researcher obtained from the results of the researcher 15 students who contained a graph that explained and concluded that the percentage of students who strongly agreed, agreed disagreed and strongly disagreed with the Arabic language learning media in the form of the e-campus application. There is also a table containing questions about the questions that the researcher has asked students. Based on the results of the study, the use of e-campus in supporting Arabic language learning for the benefit of four skills in students in this college is included in the category of being suitable for use as an Arabic language learning media that can help students understand learning and improve student abilities.

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