

The Effectiveness of Wps Application on Smartphone in Helping Student's During Pandemic Era

Masagus Abdullah Akhdan
English Education

masagusabdullah@gmail.com

Abstract

This study aims to find out how effective the WPS office application is in helping students' online learning process during a pandemic. This WPS Office application is one of the most popular and widely used applications, this is inseparable from its ease of use and has a very large number of functions or features, so it will make your work easier later. This study uses various qualitative research methods, and collects data and facts that can be obtained from the internet, and uses a questionnaire method which is taken from a sample of data from students of English Education 18 Universitas Teknokrat Indonesia. There were 10 questions and were answered by 24 students. The results of this study from the majority of students agreed on the effectiveness of this application in helping them create assignments while studying online.

Key words: Wps Office Application, Effectiveness, Online Learning

INTRODUCTION

Did you know that the using of advanced technology was commonly used by society right now, especially during this Covid-19 pandemic era (Dharma et al., 2020),(V. A. D. Safitri & Anggara, 2019),(V. A. Safitri et al., 2020). All the activities was doing by online like work from home by using online meeting platform (Rossi et al., 2021),(Susanto et al., 2021),(Pramita et al., n.d.). Buying food and needs by using ojek online, and in educational too just like doing learning activities by using many online learning platform (Hendrastuty, 2021),(Styawati et al., 2021). The year 2020 has brought unprecedented changes to the global economy and the world of work (Supriadi & Oswari, 2020),(Putri et al., 2021). On March 11, the World Health Organization (WHO) designated the new coronavirus outbreak as a pandemic and urged governments around the world to take this issue seriously and take several drastic measures to prepare for the first wave of public health emergencies (Sanjaya et al., 2014),(Songati, 2018),(Hasan, 2018). One of them is that this is a nationwide doing Lockdown in many countries/regions (Bertarina & Arianto, 2021),(Agustina & Bertarina, 2022). Discussed the crisis response migration methods, challenges and opportunities of universities, teachers and students (Damayanti et al., 2021),(An'ars, 2022),(Anars et al., 2018). It is obvious that online learning is different from emergency distance teaching (Kurniawan, 2020),(Mathar et al., 2021). Online learning will be more sustainable, and teaching activities will become more mixed (Handayani et al., 2022),(Saputra, 2020a),(AS & Baihaqi, 2020). The premise is here (Saputra, 2020b),(Suwarni et al., 2022). The challenges encountered during the period fully explored the pandemic and turned it into an opportunity (Budiman & Sidiq, n.d.),(PUSPITASARI, n.d.),(PRASETYAWAN, n.d.).

In teaching and learning activities, students are definitely given assignments that they have to do, and especially in today's conditions where all learning processes are carried out at home, lecturers always give assignments online which are collected through websites or online learning platforms (Akbar, 2019),(Bonar Siregar, 2021). It has been a long time

since students did assignments that were collected through online learning activities, most of them used Microsoft applications that were on their laptops to help them work on it (Kustinah & Indriawati, 2017),(Sukawirasa et al., 2008),(Hafidz, 2021). Therefore, through websites, learning portals, video conferencing, YouTube, mobile applications, and thousands of free and mixable website types, e-learning can be covered in larger range of technology-based learning tools (an Environmenta, n.d.),(Yuninda, 2020). Currently, e-learning is enhancing students' knowledge, even academicThe skills of staff and professionals and industry professionals through the Internet (CS, 2019),(Aditomo Mahardika Putra, 2021),(Savestra et al., 2021). The consequences of the pandemic are unstoppable and uncontrollable for many industries in the world. Later, nearly 120 countries/regions stopped face-to-face learning; approximately 1 billion students worldwide were educated for COVID-19 (Celarier, n.d.),(Cindiyasari, 2017). Most higher education systems operate through e-learning (Azzi-Huck and Shmis 2020; Shahzad et al. 2020a, b). But now there are many students who don't want to be complicated to do assignments using laptops but they use smartphones more, and one of the applications that is often used is the WPS Office application (Amin, 2020),(SETIYANTO, 2016),(Marlyna, 2017). Technology has transformed traditional education methods into modern learning methods, such as artificial intelligence (Di Vaio et al., 2020a).

LITERATURE REVIEW

This WPS Office application is one of the most popular and widely used applications, this is inseparable from its ease of use and has a very large number of functions or features, so it will make your work easier later. This wps office application is an office suite that allows professionals, educational institutions, and businesses to effectively handle their office tasks (BRONDONG, n.d.),(NASIONAL, n.d.). It is a subsidiary of Kingsoft Corp, and has been popularly used as an alternative to Microsoft Office. It is a cross-platform suite that contains light and efficient applications that run on Windows and Linux computers as well as on Android and iOS mobile devices that most of the students more often use. Users can utilize the product to meet their word processing needs such as creating or modifying word documents, producing spreadsheet, converting PDF files into editable formats and retrieving deleted files, power point, excell, customizations, and mobile device accessibility. There are some benefits from using wps as office application they are low-cost and free, better compatibility, familiar Interface and tools, predefined keyboard shortcuts, and connected to cloud as backup (Pinem, 2018),(Endang Woro Kasih, 2018),(Mata, 2022). It comes in different editions including a free version that provides basic tools to users. And the most interesting thing about WPS Office is, you can get this application for free and you don't need an account to use it. So you simply download the application, and you can use it immediately. And this is what makes it different from Google Drive or Microsoft Office which requires an account to log in and use it (Heaverly & EWK, 2020),(Isnain et al., 2021),(V. A. Safitri et al., 2019).

The author has been using this application for several years and is very effective in helping the lecture process, practically used anywhere and anytime without having to bring a laptop to make assignments especially during this pandemic situation that almost every activities was doing online. Almost all universities and colleges have developed e-learning portals for their students and colleges. This application also has many standard features for office purposes such as word, excel, PowerPoint, pdf as well as Microsoft, and also these standard features can be used for free without having to pay, and if you want to have more exclusive features you have to pay to get it. This application is very helpful for students if they have a sudden assignment or they don't bring a laptop and they have to do it as

quickly as possible. They can use the WPS office on their smartphone and surely every student has a smartphone. And even though they don't have a PC to help make assignments, students can use their smartphones to do them using the WPS office and this application has been very widely used by students and lecturers alike.

This study described about effectiveness of wps application on smartphone in helping students during pandemic era. Therefore, the COVID-19 pandemic has forced Universities closed face-to-face education and sent students home. This forces universities to introduce courses through online portals. In addition, the education industry is adopting Available technologies, such as Zoom, Microsoft platform, Webex Blackboard and Google Classroom and other digital video conferencing platforms. So this E-learning will be enhanced globally. Technology is used more for writing, and existing research shows that it is numerous usability problems with current mobile tools to achieve this. Therefore, there is a need to investigate the usability of mobile word processing applications on various mobile devices. Today, online learning has become very important Popular around the world. E-learning is described as learning provided through technology and the Internet. As mobile technologies become more and more common in education, this is important to design educational applications for this purpose. Mobile technology seeks to 'write everywhere, encouraging unlimited writing. This approach is more convenient for short documents, but is not in favor of standard editing tools and features that make word processors so powerful. In the 21st century, e-learning has a greater impact on all types of students, just like part-time and full-time or distance learning. Students of higher education institutions The functions in WPS writer are the easiest to find, but when performing tasks, functions are difficult to achieve, so WPS writers performed the worst in terms of efficiency and satisfaction. Users are more satisfied with apps that take time to learn navigation and positioning functions and then use these functions to find features easily, instead of apps that take a long time to find features ,but he features is difficult to use.

METHOD

To carry out this research, the researcher uses several methods that can support him in carrying out his research. Researchers collect data, facts, definitions and opinions of other researchers who are related to the topic, and to add information needed, the researcher uses a question and answer questionnaire method that uses close-ended questions to students from the 18th generation of English education department which aims to analyze how much the effectiveness of this WPS office in helping them do their online assignments during this covid -19 pandemic. Moreover it is to aim the goal to knowing the students agreements or disagreement from the effectiveness of WPS office application from helping them during online learning.

To make it easier for researchers to carry out research, he used the qualitative research method and applied it to a questionnaire which aimed to make it easier to collect existing data. This data will get valid answers from students. And the reason the researchers took data from English education students was because the students would have been familiar with using various kinds of technology to help their tasks and one of them was using the WPS office which could be used on their smartphones. As for the representative those people will help to answer the question and to be the data for the researcher itself.

RESULTS AND DISCUSSION

These part will elaborate the result of study are presented in tables questionnaire given to students distributed through Google Forms in January 2021. This data was obtained from

students of Universitas Teknokrat Indonesia from Faculty Of Arts and Education, majoring in English Education batch 18. The sample of this study consisted of 24 people who filled out the questionnaire voluntarily, and were distributed through the class group on the WhatsApp application. This questionnaire consists of 10 questions related to satisfaction, number of users, advantages and disadvantages of the WPS office application. In the answer column there are yes or no choices from the 8 questions and there are 2 different answer columns like in question number 5 where the answer column is Wps office on smartphone or Microsoft office on pc, and also the answer column from number 8 which has 4 answer choices which contains word, pdf, powerpoint, excel.

Table 1. The Performance of Questionnaire Result.

No	Questios	Yes	No	Wps office on smartphone	Microsoft Office on pc	Word	Pdf	Ppt	Excel
1	Do you have the wps office application on your smartphone?	100 %	0%						
2	Do you often use the application to do tasks?	75%	25%						
3	Did this app help you in your online learning process during this pandemic?	87,5 %	12,5%						
4	Does this application have complete features to do tasks?	62,5 %	37,5%						
5	Do you more often use wps office on a smartphone or Microsoft on a PC to do			45,8%	54,2%				

	tasks?								
6	In your opinion, is this application easy to use and simpler than MS Office on a PC?	62,5 %	37,5%						
7	Does this application help you in making assignments for competitions or making research articles / papers?	58,3 %	41,7%						
8	What features do you often use in the WPS application?					66,7%	29,2%	4,1 %	0%
9	From the four features, do you think the features of WPS are standard for office applications?	91,7 %	8,3%						
10	Are you satisfied with this wps office application in helping you do your college assignments online?	75%	25%						

From the results of the questionnaire data that has been received, it is found that the samples all have a WPS office application on their respective smartphones as in the question column number 1, there are 100% of 24 people who have a WPS office on their respective smartphones. In the second answer column, 75% yes and 25% no for the question whether they often use the application to help with their coursework. In the third answer column, the result is 87.5% for yes and 12.5% for no that the application helps them during the learning process during the current pandemic. In answer number 4, they get 62.5% yes and 37.5% no, that their opinion is whether this application has complete features to do tasks. For question number 5 where the answer column is different, get 45.8% for those who use WPS office on smartphones and 54.2% for those who prefer to use Microsoft office on a PC to do tasks. Question number 6 gets the result that 62.5% of them agree that this Wps office application is simpler and easier to use than Microsoft Office on a PC. In the question column number 7 you get 58.3% yes and 41.7% no, for their opinion on whether this application helps them in making assignments and making competitions for competitions or making research papers / articles. And for question number 8 whose answer column is different from other questions, the results are 66.7% for word, 29.2% for pdf, 4.1% for PowerPoint, and 0% for Excel, which features do they often use in the WPS office application. In question number 9 got 91.7% yes and 8.3% no, for their opinion about whether the four features in the application are the standard for office applications. And for the last question number 10 got 75% yes and 25% no, for their satisfaction with this application in helping to create online assignments.

From the results of the data obtained through the questionnaire method aimed at English Education 18 students, it was found that most of them had and used the WPS office application to help them do online assignments, especially during the Covid-19 pandemic, all lecture activities were carried out online. It can be concluded that this application has been effective in helping English Education batch 18 students in doing the tasks given by the lecturer during the online learning process during this pandemic, the word office feature is the feature most often used by the sample because this feature is one of the features The main and easiest to use to do various tasks, also pdf is one of the excellent features of this application which many students choose to convert ordinary files to PDF files which are usually used to do permanent assignments without revision.

So from the data that has been obtained, the WPS office application on smartphones can be tested for its effectiveness in helping students in online learning which was carried out during this pandemic which lasted for approximately one year, this application can also be a recommendation for students who are doing assignments but don't have a pc / laptop or are lazy to take a laptop anywhere, they can download applications and can be accessed easily just by using a smartphone and the quality is no less than the office applications on the pc, and also this application is free for standard office features and paid if you want to get a more premium and complete one.

CONCLUSION

The conclusion is based on the results of research, that the WPS office application helps students to make assignments given during this online study. To strengthen this research, the author collected a lot of data, facts and created a questionnaire which produced data which was taken from the opinions of students in the Department of Engineering

Education 18, Universitas Teknokrat Indonesia as a sample. Researchers hope that the results of this study can provide information for college students not to hesitate in using the WPS office application as a helper application to make assignments that are included in the online and face-to-face learning process. This research can also be used as a guide or reference for further research on the same topic or issue.

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