The Students' Perception on the Use E-LKPD Liveworksheets.com in Learning English to Informatic Engineering Students of Politeknik Sawunggalih Aji

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Abstract

Technology has already been part of education in the teaching and learning process. Hence, to support the successful of teaching and learning, the lecturers are required to master technology especially in delivering material, giving assignments, and assessing learning process. To overcome the problems, lecturers can use digital teaching materials by the use of electronic student worksheet (E-LKPD). One of the platforms that support E-LKPD is Liveworksheets.com. The objective of the study is to describe students' perception of using E-LKPD Liveworksheets.com that is focused in learning grammar. The research sample used was the fifth semester students of informatic engineering. This research used descriptive with quantitative method. Questionnaire was used to collect the data. The questionnaire consists of 9 statements that were divided into; Perceived Usefulness, Perceived Ease of Use, and Attitude Toward Use. The results of this study show that students have good *perceptions on the usefulness* of using E-LKPD Liveworksheets.com in learning grammar because they can learn grammar effectively and efficiently. The students have very good perceptions of the *Perceived Ease of Use* in doing E-LKPD Liveworksheets.com because its flexibility and features to learn and work on grammar. Last, students have good perceptions in using E-LKPD Liveworksheets.com for learning English based on Attitude Toward Use.

Keywords: Perception, E-LKPD Liveworksheet.com, grammar.

1. Introduction

In the 2003/2004 academic years, Polytechnic Sawunggalih Aji conducted hybrid teaching and learning process. Hybrid learning is a learning method that combines face-to-face learning with online learning. The ratio used is usually a balance of 50% face-to-face learning and 50% online learning. It can be said that 50% of online learning is using technology that connected to the internet. In teaching online learning, the lecturers are asked to use technology in teaching learning activities.

Nowadays, in teaching and learning process, technology has been part of education. Hence, to support the successful of teaching and learning, the lecturers are required to master technology especially in delivering material, giving assignments, and assessing learning process. Lecturers can use technology such as audio, video, audio-visual, and other technologies to improve the quality of learning. Lecturers are also expected to design engaging and inventive instructional materials, such as interactive learning media, to enhance student learning experiences (Faradila & Aimah, 2018).

To overcome the problems, lecturers can use digital teaching materials that can allure student's interest in learning as like the use of E-LKPD. The lecturer can use E-LKPD because it utilizes technological advances which can be used in learning process. E-LKPD is also presented in electronic form stored on a computer system or internet cloud thus students can access it using their own smartphone devices (Anisa & Putri, 2023). The use of E-LKPD can be accessed freely and easily through electronic devices such as smartphones and PCs/laptops (AlSudairy, 2022; Yanbastieva-Petrova, 2023).

The platform that is used in this research is Liveworksheet.com. This is a tool that allows lecturers to create interactive worksheet for students. Valverde (2022) stated that Liveworksheets.com is a website that provides worksheets with interactive online exercises, the majority of which feature self-correction, making it beneficial for both students and teachers. Liveworksheet.com provides interactive worksheets that has

features like sounds, pictures, and videos to help the students in understanding material before they do the exercises. The lecturers can also choose some types of exercises such as drag and drop exercises, multiple choice, join with arrows, and speaking exercises. All of the features and types of exercise can catch the students' interest and keep them motivated in doing tasks. As a result, it facilitates lecturers in delivering instructional content more effectively and contributes to enhancing students' enthusiasm for learning (Herawati et al., 2020 cited in Rosidah et al., 2023). Liveworksheet.com can be run online, making it easier for students to access tasks given by the teacher easily and flexibly (Agustina & Cahyono, 2023; Avalos Valverde, 2022; Prabjandee, 2023 cited in Anisa and Putri, 2023).

The Aim of Research

The aim of this research is to describe students' perception of using E-LKPD Liveworksheets.com that is focused in learning present perfect tense to informatic engineering students of Polytechnic Sawunggalih Aji.

2. Method

This research was conducted in the fifth semester in 2023/2024 academic year. The subject of the research was the fifth semester students of informatic engineering who were studying English for Informatic Students in the department of *Teknik Informatika*. There were two classes, 31 students of morning class and 9 students of afternoon class. Therefore, total respondents in this research was 40 students but only 30 students who sent the respond to the questionnaire.

This research used descriptive quantitative method to find out students' perception toward the use of E-LKPD Worksheets.com. The data collection techniques performed by distributing questionnaire to students via Google Form. A questionnaire is the method of collecting data

by giving various questions to the respondents to be answered (Sugiyono, 2018).

The questionnaire consists of 9 statements that were divided into; 3 statements for Perceived Usefulness, 3 statements for Perceived Ease of Use, and 3 statements for Attitude Toward Use. Researchers used the Likert scale by Widoyoko (2017) to determine the scale contained in the questionnaire, namely strongly disagree (1), disagree (2), agree (3), and strongly agree (4).

Then to measure the level of satisfaction users on each statement on the questionnaire Likert interval scale was used.

Table 1. Linkert Scale of satisfaction

Score	Criteria
1,00 – 1,75	Worse
1,76 – 2,50	Bad
2,51 – 3,25	Good
3,26 – 4,00	Very Good

(Ardhini & Ganggi, 2019)

3. Result and Discussion

The result of questionnaire that was given for the fifth semester students of informatic engineering shows the good perception in using E-LKPD Liveworksheets.com. The explanations of each items are as follow:

A. ***The Result of Students' Perception of the Perceived Usefulness in Using E-LKPD Liveworksheets.com in Learning English***

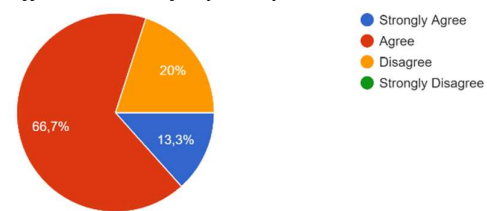*S1: Using E-LKPD Liveworksheets.com increases the effectiveness of my study*

Figure 1: The effectiveness of E-LKPD Liveworksheet.com

The statement 1 referred to the effectiveness of using E-LKPD Liveworksheet.com there were 4 (13,3%) students who stated strongly agreed, on an agreed scale of 20 (66,7%) and disagree scale of 6 (20%). The mean of the effectiveness of the data is 2,93 with good categorize. This means that students accept the effectiveness of using E-LKPD Liveworksheet.com.

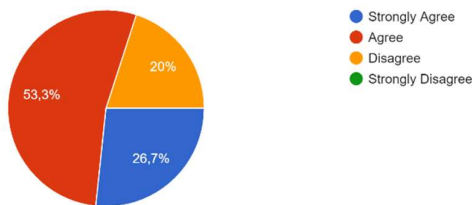*S2: Using the E-LKPD Liveworksheets.com makes it easier for me to do grammar tasks*

Figure 2: The efficiency of using E-LKPD Liveworksheets.com

Statement 2 showed the efficiency of using E-LKPD Liveworksheet.com in doing grammar task, there were 8 (26,7%) students who stated strongly agreed. Even 16 (53,3%) students stated agreed and only 6 (20%) students stated disagree about the efficiency of using E-LKPD Liveworksheet.com in doing grammar task. The mean of the efficiency is 3,06 it can be said that the categories efficiency of E-LKPD Liveworksheet.com in doing grammar task is good.

S3: Using E-LKPD Liveworksheets.com helps me to improve my grammar learning performance
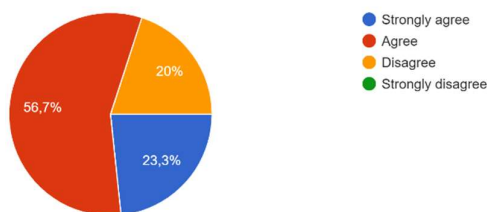

Figure 3: The Improving Performance in learning grammar

Focus on the improving performance in learning grammar can be seen on figure 3. This figure showed that there were 7 (23,3%) students stated strongly agreed, 17 (56,7%) stated agreed and 6 (20%) stated disagreed. The score of mean in the improving performance is 3,03 and it can be categorized as good. It means that E-LKPD Liveworksheets.com can improve students' performance in learning grammar.

B. *The Result of Students' Perception of the Perceived Ease of Use in Using E-KPD Liveworksheet.com in Learning English*

S1: Using the E-LKPD Liveworksheets.com makes learning present perfect tense, more flexible
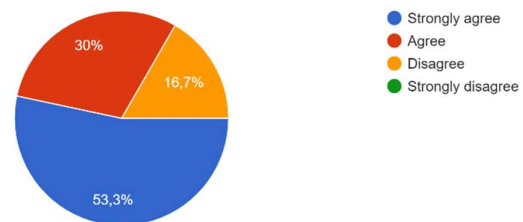

Figure 4: The flexibility of using E-LKPD Liveworksheets.com in learning grammar

The figure 4 showed that there were 16 (53,3%) respondents stated strongly agree, 9 (30%) stated agree and 5 (16,7%) stated disagree. From the data it can be concluded that the mean of flexibility is in the score of 3,03 and it can be categorized as good.

S2: The features provided by Liveworksheets.com are well structured to make it easier for me to work on the ELKPD in studying grammar
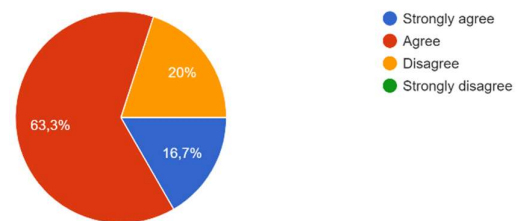

Figure: 5 Easy to use

The statement 2 in students' perception of the perceived ease of use which

is easy to use showed that there were 19 (63,3%) respondent stated strongly agree, 6 (20%) stated agree and 5 (16,7%) stated disagree. The mean score of this data is very good in the number of 3,46.

S3: The features in ELKPD Liveworksheets.com Such as Texts, Images, Audio and Video make it easier for me to remember grammar material

Statement 3 was to determine the students' memory in learning grammar through ELKPD Liveworksheets.com. The features in E-LKPD Liveworksheets.com make the material easy to be remembered by students.
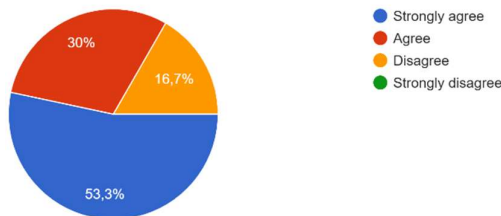

Figure 6: Features that help students to remember grammar material.

There were 16 (53,3%) respondents stated strongly agree, 9 (30%) respondents stated agree and only 5 (16,7%) respondents stated disagree. The mean of this data shows that the statement in very good category with the score of mean is 3,36. It means that students are easy to remember the material in the E-LKPD Liveworksheets.com.

C. *The Result of Students' Perception of the Attitude Toward the Use in Using E-KPD Liveworksheet.com in Learning English*

S1: I am happy using the E-LKPD Liveworksheets.com in learning English, especially grammar.

The statemen 1 of Students' Perception of the Attitude Toward the Use concerned about students' happiness in using E-LKPD Liveworksheet.com in learning grammar. The data can be seen on the Figure 7.
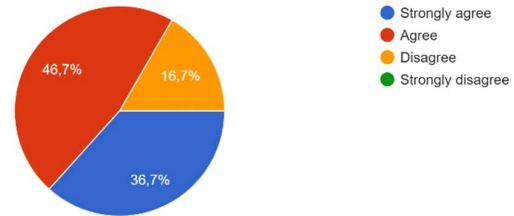

Figure 7: Students' Happiness in using E-LKPD Liveworksheets.com in learning grammar.

The diagram on figure 7 shows that there were 11 (36,7%) respondents stated strongly agree, 14 (46,7%) respondents stated agree and 5 (16,7%) stated disagree. From this data the researcher found that the mean of the student's happiness is 3,20 and this point is classified in a good category. This means that students are happy to use E-LKPD Liveworksheets.com in learning English.

S2: I am happy to work on E-LKPD Liveworksheets.com compared to printed worksheets.

The statement 2 were also about students' happiness in working on E-LKPD Liveworksheets.com rather than in working in printed worksheet. The data are shown on figure 8.
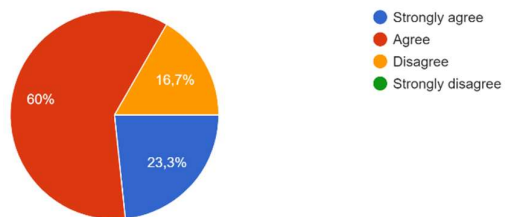

Figure 8: Student happiness in working on E-LKPD Liveworksheets.com

The figure 8 shows the 7 (23%) respondents strongly agreed, 18 (60%) respondents agreed, and 5 (16%) disagreed with the indicator related to happiness in working on E-LKPD Liveworksheets.com. The mean of this data is 3,06 which can be classified as a good category.

S3: I do not feel bored when the lecturer gives exercise via E-LKPD Liveworksheets.com

The statement 3 concerns with the students' boredom in doing exercise by using E-LKPD Liveworksheets.com. The analysis of the data can be seen in figure 9.
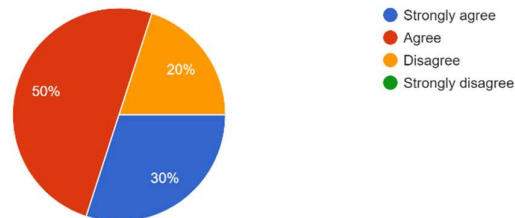

Figure 9: Students' boredom in using E-LKPD Liveworksheet.com.

From Figure 9, it can be seen that the percentage of students' responses to the boredom indicator on a strongly agree scale obtained a percentage of 9 (30%), on an agree scale of 15 (50%), on a disagree scale of 6 (20%). The mean of this indicator is 3,40 which classified as very good. It indicates students do not feel bored when using E-LKPD Liveworksheets.com in learning English.

The researcher aggregated the results of three indicators about students' perceptions in using E-LKPD Liveworksheet.com.

Table 2. The Summary of Results

Indicators	Mean	Category
Usefulness	3,00	Good
Ease of use	3,28	Very Good
Attitude toward the use	3,22	Good

4.   Conclusion

Based on the result above, it can be concluded that students perceive good perceptions on the usefulness of using E-LKPD Liveworksheets.com in learning English. They perceive usefulness because E-LKPD Liveworksheets.com is a medium to learn grammar effectively and efficiently which makes them easy to improve their performance in learning grammar. It also facilitates students to do grammar exercise effectively and efficiently.

The students have very good perceptions *of the Perceived Ease of Use* in doing E-LKPD Liveworksheets.com for learning grammar. They can easily use E-LKPD Liveworksheets.com because it has flexibility in helping the students to work on grammar. Furthermore, the features in ELKPD Liveworksheets.com such as Texts, Images, Audio and Video make it easier for students to remember grammar material.

Last, students have good perceptions in using E-LKPD Liveworksheets.com for learning English based on Attitude Toward Use. It means they felt happy, and not felt bored when working on ELKPD Liveworksheets.com in learning English mainly grammar.

E-LKPD Liveworksheets.com is an interactive LKPD that integrates with technology. Therefore, it can be used as a medium for learning English because is interesting and it can be used easily by students. The convenience that exists in Liveworksheets.com is not only felt by teachers but also students. This website is very helpful in teaching and learning English.

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