



Students' Perception Toward the Use of E-LKPD Liveworksheets.com in Learning English at SMA N 7 Padang

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Abstract

Technology has already been part of education, especially in the teaching and learning process. Therefore, to support success in learning, teachers are required to master technology and utilize technology in designing lesson plan, delivering material, giving assignments, and assessing learning process. One of the uses of technology to realize those requirements is the use of electronic student worksheet (E-LKPD). One of the platforms that support E-LKPD is Liveworksheets.com. The purpose of this study is to find out the students' perception toward the use of E-LKPD Liveworksheets.com viewed from Technology Acceptance Model (TAM): perceived usefulness, perceived ease of use, and attitude toward use. This research used descriptive with quantitative method. Questionnaire was used to collect the data. The results of this study show that students perceive usefulness, perceive ease of use, and have very positive perception toward the use of E-LKPD Liveworksheets.com in learning English, especially grammar. They found that E-LKPD Liveworksheets.com is effective and efficient, and it helps students improve their performance in learning grammar. E-LKPD Liveworksheets.com is easy to use and has flexibility in helping the students work on it. Furthermore, students felt happy and not bored while using E-LKPD Liveworksheets.com. Hence, the students have a very positive perception toward the use of E-LKPD Liveworksheets.com in grammar.

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INTRODUCTION

Nowadays, technology has already been part of education, especially in teaching and learning process. Lestari, (2018) stated that the role of technology in education is to support success in learning. Learners who can utilize technology in education can improve their knowledge.

Therefore, to support success in learning, teachers are required to master technology. According to Sukono, (2018) with the utilization of technology, teachers are asked to innovate and develop their creativity. Furthermore, by applying technology in education, the learning atmosphere becomes fun and not boring. Teachers can use technology with audio, video, audio-visual, and other technologies to improve the quality of learning. Sukono, (2018) also stated that in learning, teachers must use media by utilizing technology in lesson planning, delivery of material, giving assignments, and the assessment process. One of the uses of technology to realize those requirements is the use of electronic student worksheet or can be known as E-LKPD.

According to Sholehah, (2021) LKPD is a teaching material containing a series of work steps or instructions for carrying out tasks that students must do/work on to optimize understanding of concepts and mastery of material based on competencies and indicators according to the learning objectives pursued. Besides, this is also mentioned by Prastowo (2014) one of the functions of LKPD is as teaching material that makes it easier for students to understand the material provided. Whereas, E-LKPD according to Hasna (2022) E-LKPD can facilitate the process for students in a flexible way using the website. Pratama et al., (2021) stated that LKPD has differences with E-LKPD or electronic worksheets in terms of format or form of presentation. LKPD is generally presented using a print-out form on paper and then distributed to students. Meanwhile, E-LKPD is presented in electronic form stored on a computer system or internet cloud so that students can access it using their own smartphone devices. One of the reasons for developing e-LKPD media is in line with the statement from Lee, (2014) students worksheets as an assessment for teachers to determine students' knowledge abilities, learning outcomes, and learning processes, even at the same time allowing students to monitor their own learning progress.

One of the platforms that support E-LKPD is Liveworksheets.com. It is a tool that allows teachers to create interactive and innovative worksheets 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. These interactive worksheets can include features like sounds, pictures, and videos. And there are some types of exercises from drag and drop exercises, join with arrows, multiple choice, and speaking exercises. All of these features and types of exercise can catch the interest of students and keep them motivated for doing tasks. Additionally, this website is particularly adaptable because it has a collection of worksheets created by the global community. If necessary, users can also create their own worksheets and share them.

After observing teaching and learning English activities at SMA N 7 Padang, it was found that the English teachers have been using the E-LKPD Liveworksheet.com for around two to three years. When the researcher asked why the teacher uses E-LKPD Liveworksheet.com in the teaching and learning process, the replies are teachers get convenience in the teaching and learning process and teachers believe the use of liveworksheets.com can save paper. Further, E-LKPD can be easily accessed by students via smartphones, laptops, and computers.

Unfortunately, the teachers have some concerns about the students, whether students also felt the easiness of using E-LKPD Liveworksheets.com in the learning process, whether students found the effectiveness and the efficiency of using E-LKPD Liveworksheets.com, and whether students were happy or bored with using E-LKPD Liveworksheets.com than the printed one. Furthermore, one of the other conditions found was that the use of Liveworksheets.com is more often used in grammar practice. The reason is teachers believe Liveworksheets.com provides various types of grammar exercises. Moreover, if grammar exercises are given more often, learners are able to understand and master grammar material and are able to make a good combination of English skills in the form of listening, speaking, reading, and writing.

However, previous studies on Liveworksheets.com has been done by Felitasari & Rusmini (2022), Prasetyo & Atsila (2022), (Hendrayani et al. (2022), Farman et al. (2021), Wahyuni et al. (2021), and Feni et al. (2021). Using the ADDIE research method, those studies used Liveworksheets.com as a medium for developing E-LKPD. Hidayah, (2022) conducted a study in investigating students' listening skill using Liveworksheet.com. This study focused on students' perception toward the use of Liveworksheets.com only on listening skill ability. Furthermore, this study did not use Technology Acceptance Model (TAM) to measure students' perception. TAM is a model that often used in technological research. TAM is based on that technology use can be described in terms of the user's internal beliefs, attitudes, and intentions. As a result, it can be used to predict technology use (Fecira & Abdullah, 2020).

Hence, based on the phenomenon found in English learning at SMA N 7 Padang and related to previous research, this study aims to determine students' perception of using E-LKPD Liveworksheets.com in learning English, focused on the grammar aspect. Besides, the researcher used Technology Acceptance Model (TAM) as an indicator of the research which is suitable to be used in this study.

METHOD

This research used a descriptive with quantitative method to find out students' perception toward the use of E-LKPD Liveworksheets.com in learning English, focused on the grammar aspect. The population of this research was students in the third grade of SMA N 7 Padang, with a total of 264 students. For the sample, the researcher took total sampling, so the population became a sample member with a total of 264 students. The questionnaire was used as an instrument for this research. It consists of 24 statements that were divided into; 9 statements for Perceived Usefulness (PU), 10 statements for Perceived Ease of Use (PEOU), and 5 statements for Attitude Toward Use (ATU). Furthermore, the questionnaire was designed with a Likert Scale indicating 4 points; 1 (Strongly disagree), 2 (Disagree), 3 (Agree), and 4 (Strongly agree). To collect the data, the researcher distributed the questionnaire in Google Form via English subject WhatsApp group and filled out by students. In analyzing the data, the researcher used descriptive analysis by finding the frequencies, percentages, and mean scores of the questionnaire.

RESULT AND DISCUSSION

Research Finding

Finding 1

A. Students' Perception of the Perceived Usefulness (PU) in Using E-LKPD Liveworksheets.com in Learning English

The following table illustrates the nine statements or items within the PU indicator, which were used to investigate the degree to which students perceived effectiveness and efficiency in using E-LKPD Liveworksheets.com and improved their performance in learning English, focused on the grammar aspect.

Table 1. Questionnaire Result of Students' Perceptions on the Usefulness in Using E-LKPD Liveworksheets.com in Learning English

No.	Statements	N (%)				Mean (%)	Category
		SA (4)	A (3)	D (2)	SD (1)		
1.	Using the E-LKPD Liveworksheets.com helps me find learning materials and exercises more quickly, especially grammar	119 (45.08%)	135 (51.14%)	9 (3.41%)	1 (0.38%)	3.41 (85.23%)	Very Positive
2.	Using E-LKPD Liveworksheets.com increases the effectiveness of my study	99 (37.50%)	144 (54.55%)	19 (7.20%)	2 (0.76%)	3.29 (82.20%)	Very Positive
3.	E-LKPD Liveworksheets.com provides lots of grammar exercises in English according to the material taught in school	118 (44.70%)	113 (42.80%)	31 (11.74%)	2 (0.76%)	3.31 (82.86%)	Very Positive
<i>Average Sub-indicator PU 1 (Effectiveness)</i>						3.34 83.43%	Very Positive
4.	Using the E-LKPD Liveworksheets.com in learning grammar makes me feel more efficient	94 (35.61%)	143 (54.17%)	18 (6.82%)	9 (3.41%)	3.22 (80.49%)	Positive
5.	Using the E-LKPD Liveworksheets.com makes it easier for me to do grammar tasks	102 (38.64%)	146 (55.30%)	12 (4.55%)	4 (1.52%)	3.31 (82.77%)	Very Positive
<i>Average Sub-Indicator PU 2 (Efficiency)</i>						3.27 81.63%	Very Positive
6.	Using E-LKPD Liveworksheets.com helps me to improve	83 (31.44%)	161 (60.98%)	19 (7.20%)	1 (0.38%)	3.23 (80.87%)	Positive

	my grammar learning performance						
7.	Using the E-LKPD Liveworksheets.com increased my productivity in learning grammar	82 (31.06%)	160 (60.61%)	16 (6.06%)	6 (2.27%)	3.20 (80.11%)	Positive
8.	The E-LKPD Liveworksheets.com creates a free of pressure English learning atmosphere, especially grammar.	110 (41.67%)	133 (50.38%)	19 (7.20%)	2 (0.76%)	3.33 (83.24%)	Very Positive
9.	Overall, the use of E-LKPD Liveworksheets.com is very useful for me	110 (41.67%)	136 (51.52%)	14 (5.30%)	4 (1.52%)	3.33 (83.33%)	Very Positive
Average Sub-Indicator PU 3 (Improve Performance)						3.28 81.89%	Very Positive
Average PU		101.9 (38.59%)	141.2 (53.49%)	17.4 (6.61%)	3.4 (1.30%)	3.29 (82.32%)	Very Positive

From the table above it can be seen that, students' perceptions toward the use of E-LKPD Liveworksheets.com in learning English are seen from PU sub-indicators in the form of effectiveness, efficiency, and also improve performance. First, for effectiveness there are three statements that represent, statement 1 shows a mean of 3.41, and the percentage is 85.23%, statement 2 shows a mean of 3.29 and a percentage of 82.20%, statement 3 shows a mean of 3.31 and a percentage of 82.86%. All three statements are classified as very positive. The average of effectiveness is very positive in the number of 3.34, and the percentage is 83.43%. This means that students accept the effectiveness of using E-LKPD Liveworksheets.com in learning English. Second, for efficiency there are two statements that represent, statement 4 shows a mean of 3.22 and a percentage of 80.49% which can be classified as positive, and statement 5 shows a mean of 3.31 and a percentage of 82.77% which can be classified into very positive. With a number of 3.27, and the percentage is 81.63% are the average for efficiency can be classified as very positive. It means students perceive the efficiency of using E-LKPD Liveworksheets.com in learning English. Third, there are four statements that represent the sub-indicator of PU, which improve performance, statement 6 shows a mean of 3.23 and percentage of 80.87%, and statement 7 shows a mean of 3.20 and percentage of 80.11%, both statements classified into positive. Statement 8 shows a mean of 3.33 and percentage of 83.24%, and statement 9 shows a mean of 3.33 and percentage of 83.33%, both statements are classified as very positive. The average of improve performance is very positive at 3.28, and the percentage is 81.89%. It means that E-LKPD Liveworksheets.com can improve students' performance in learning English.

*Finding 2**B. Students' Perception of the Perceived Ease of Use (PEOU) in Using E-LKPD Liveworksheets.com in Learning English*

The following table illustrates the ten statements or items within the PEOU indicator, which were used to investigate the degree to which students accept the flexibility, easy to learn/understand, easy to use, and easy to remember in using E-LKPD Liveworksheets.com in learning English, focused on grammar aspect.

Table 2. Questionnaire Result of Students' Perceptions on the Ease of Use in Using E-LKPD Liveworksheets.com in Learning English

No.	Statements	N (%)				Mean (%)	Category
		SA (4)	A (3)	D (2)	SD (1)		
10.	I can easily access grammar materials and exercises from E-LKPD Liveworksheets.com.	84 (31.82%)	155 (58.71%)	24 (9.09%)	1 (0.38%)	3.22 (80.49%)	Positive
11.	Using the E-LKPD Liveworksheets.com makes learning grammar, more flexible	92 (34.85%)	158 (59.85%)	14 (5.30%)	0 (0.00%)	3.30 (82.39%)	Very Positive
12.	E-LKPD Liveworksheets.com provides worksheets that allow me to express my knowledge of grammar	87 (32.95%)	159 (60.23%)	18 (6.82%)	0 (0.00%)	3.26 (81.53%)	Very Positive
Average Sub-Indicator PEOU 1 (Flexibility)						3.26 (81.47%)	Very Positive
13.	Understanding and learning grammar through the E-LKPD Liveworksheets.com are easier	105 (39.77%)	131 (49.62%)	22 (8.33%)	6 (2.27%)	3.27 (81.72%)	Very Positive
14.	The steps in operating the E-LKPD Liveworksheets.com to access English worksheets, especially grammar, are easy to understand	91 (34.47%)	155 (58.71%)	17 (6.44%)	1 (0.38%)	3.27 (81.82%)	Very Positive
15.	E-LKPD Liveworksheets.com greatly facilitates me in learning grammar,	106 (40.15%)	139 (52.65%)	18 (6.82%)	1 (0.38%)	3.33 (83.14%)	Very Positive

	through the features available						
	Average Sub-Indicator PEOU 2 (Easy to learn / understand)					3.29 (82.23%)	Very Positive
16.	The features provided by Liveworksheets.com are well structured to make it easier for me to work on the E-LKPD in studying grammar	92 (34.84%)	153 (57.95%)	18 (6.82%)	1 (0.38%)	3.27 (81.82%)	Very Positive
17.	Using E-LKPD Liveworksheets.com for learning grammar, is very easy for me	89 (33.71%)	141 (53.41%)	31 (11.74%)	3 (1.14%)	3.20 (79.92%)	Positive
	Average Sub-Indicator PEOU 3 (Easy to use)					3.23 (80.87%)	Positive
18.	The steps for using the E-LKPD Liveworksheets.com are easy to remember	87 (32.95%)	155 (58.71%)	20 (7.58%)	2 (0.76%)	3.24 (80.97%)	Positive
19.	The features in E-LKPD Liveworksheets.com such as Texts, Images, Audio and Video make it easier for me to remember grammar material	98 (37.12%)	149 (56.44%)	16 (6.06%)	1 (0.38%)	3.30 (82.58%)	Very Positive
	Average Sub-Indicator PEOU 4 (Easy to remember)					3.27 (81.77%)	Very Positive
	Average PEOU	91.3 (32.27%)	149.5 (56.63%)	19.8 (7.50%)	1.6 (0.61%)	3.27 (81.64%)	Very Positive

Based on the data presented in the table above, it can be seen that students' perceptions toward the use of E-LKPD Liveworksheets.com in learning English are seen from PEOU sub-indicators in the form of flexibility, easy to learn/understand, easy to use, and easy to remember. First, there are three statements that represent a sub-indicator of PEOU, which is flexibility, statement 10 shows a mean of 3.22, and the percentage is 80.49%, which can be classified as positive. Statement 11 shows a mean of 3.30 and a percentage of 82.39%, statement 12 shows a mean of 3.26 and a percentage of 81.53%, both statements are classified as very positive. With the number of 3.26, and the percentage is 81.47% are the average for flexibility can be classified as very positive. This means that students accept the flexibility of using E-LKPD Liveworksheets.com in learning English. Second, for easy to learn/understand there are three statements that represent, statement 13 shows a mean of 3.27 and a percentage of 81.72%, statement 14 shows a mean of 3.27 and a percentage of

81.82%, statement 15 shows a mean of 3.33 and a percentage of 83.14%. All three statements are classified as very positive. The average of easy to learn/understand is very positive in the number of 3.29, and the percentage is 82.23%. It means E-LKPD Liveworksheets.com is easy to be used in learning English. Third, there are two statements that represent the sub-indicator of PEOU, which is easy to use, statement 16 shows a mean of 3.27 and a percentage of 81.82% which can be classified as very positive. Meanwhile, statement 17 shows a mean of 3.20 and a percentage of 79.92% which can be classified as positive. With the number of 3.23 and the percentage of 80.87% are the average for easy to use which can be classified as positive. This means that it is easy for students to use E-LKPD Liveworksheets.com in learning English. Last, for easy to remember there are two statements that represent, statement 18 shows a mean of 3.24 and a percentage of 80.97% which can be classified as positive. Meanwhile, statement 19 shows a mean of 3.30 and percentage of 82.58% which can be classified as very positive. The average of easy to remember is very positive in the number of 3.27, and percentage is 81.77%. It means students easy to remember the E-LKPD Liveworksheets.com in learning English.

Finding 3

C. Students' Perception of the Attitude Toward the Use (ATU) in Using E-LKPD Liveworksheets.com in Learning English

The following table illustrates the five statements or items within the ATU indicator, which were used to investigate the degree to which students felt happy and not bored to use E-LKPD Liveworksheets.com in learning English, focused on grammar aspect.

Table 3. Questionnaire Result of Students' Perceptions on Attitude Toward Use in using E-LKPD Liveworksheets.com in Learning English

No.	Statements	N (%)				Mean (%)	Category
		SA (4)	A (3)	D (2)	SD (1)		
20.	I am happy using the E-LKPD Liveworksheets.com in learning English, especially grammar	110 (41.67%)	140 (53.03%)	13 (4.92%)	1 (0.38%)	3.36 (84.00%)	Very Positive
21.	E-LKPD Liveworksheets.com is an interesting student worksheet for learning English, especially grammar	97 (36.74%)	153 (57.95%)	13 (4.29%)	1 (0.38%)	3.31 (82.77%)	Very Positive
22.	I am happy to work on E-LKPD Liveworksheets.com compared to printed worksheets	120 (45.45%)	121 (45.83%)	20 (7.58%)	3 (1.14%)	3.36 (83.90%)	Very Positive
	<i>Average Sub-Indicator ATU 1 (Happiness)</i>					3.34 (83.55%)	Very Positive
23.	I do not feel bored	100	142	17	5	3.28	Very

	when working on E-LKPD via Liveworksheets.com	(37.88%)	(53.79%)	(6.43%)	(1.89%)	(81.91%)	Positive
24.	I do not feel bored when the teacher gives exercise via E-LKPD Liveworksheets.com continuously	102 (38.64%)	128 (48.48%)	29 (10.98%)	5 (1.89%)	3.24 (80.97%)	Positive
Average Sub-Indicator ATU 2 (Boredom)						3.26 (81.44%)	Very Positive
Average ATU		105.8 (40.08%)	136.8 (51.82%)	18.4 (6.97%)	3 (1.14%)	3.30 (82.71%)	Very Positive

From the table above, it can be seen that students' perceptions toward the use of E-LKPD Liveworksheets.com in learning English are seen from ATU sub-indicators in the form of happiness and boredom. First, there are three statements for represent happiness as a sub-indicator ATU, statement 20 shows a mean of 3.36 and a percentage of 84.00%, statement 21 shows a mean of 3.31 and a percentage of 82.77%, and statement 22 shows a mean of 3.36 and percentage of 83.90%. All three statements are classified as very positive. With the number of 3.34, and the percentage of 83.55% are the average of happiness which can be classified as very positive. This means students are happy to use the E-LKPD Liveworksheets.com in learning English. Last, for boredom there are two statements represented, statement 23 shows a mean of 3.28 and a percentage of 81.91% which can be classified as very positive. Meanwhile, statement 24 shows a mean of 3.24 and a percentage of 80.97% which can be classified as positive. The average of boredom is 3.26, and the percentage is 81.44%. It indicates students do not feel bored when using E-LKPD Liveworksheets.com in learning English.

Discussion

According to the data that the researcher has already presented, it can be seen that students have very positive perceptions regarding the usefulness of using E-LKPD Liveworksheets.com in learning English, based on the TAM. Furthermore, another result is the students also have very positive perceptions toward the ease of use in using E-LKPD Liveworksheets.com in learning English. Moreover, this study also shows that students also have very positive perceptions regarding attitude toward use of using E-LKPD Liveworksheets.com in learning English.

The data gotten from the questionnaire give several reasons to support why students have very positive perceptions in using E-LKPD Liveworksheets.com for learning English. First, the students have very positive perceptions in using E-LKPD Liveworksheets.com because they perceive the usefulness of doing E-LKPD Liveworksheets.com for learning English. They perceive usefulness because E-LKPD Liveworksheets.com is a medium to work on grammar exercise that effectively and efficiently helps students in learning English. Furthermore, E-LKPD Liveworksheets.com helps students in improve their performance and learning ability in learning English, focused on grammar aspect. This finding is supported by Putri et al., (2021) that said E-LKPD is one of the supporting tools in the learning process to

run effectively, efficiently, and meaningfully by paying attention to the needs of students to motivate them to achieve learning success.

Second, the students have very positive perceptions in using E-LKPD Liveworksheets.com because they perceive the ease of use in doing E-LKPD Liveworksheets.com for learning English. They easily use E-LKPD Liveworksheets.com in doing grammar exercises because it is a medium that has flexibility in helping the students work on it. This finding is also in line with the statement by Hidayah, (2022) that said Liveworksheets.com is an effective platform, easy to understand, and easy to use or access. Students can understand the material and can do the exercises easily.

Third, the students have very positive perceptions in using E-LKPD Liveworksheets.com for learning English based on Attitude Toward Use, one of the indicators from the TAM. This means, when teachers utilize E-LKPD Liveworksheets.com, they felt happy and not bored. This is supported by research from Rosidah et al., (2023) which found that students are happy in using E-LKPD Liveworksheets.com with the high level of agreement.

CONCLUSION

Based on the data analysis and data description above, it can be concluded that students perceive very positive perceptions on the usefulness of using E-LKPD Liveworksheets.com in learning English viewed from TAM. They perceive usefulness because E-LKPD Liveworksheets.com is a medium to work on grammar that effectively and efficiently helps students in learning English. Furthermore, E-LKPD Liveworksheets.com helps students improve their performance and learning ability in learning English, focused on the grammar aspect. Then, students have very positive perceptions in using E-LKPD Liveworksheets.com because they perceive the ease of use in doing E-LKPD Liveworksheets.com for learning English. They easily use E-LKPD Liveworksheets.com because it is a medium that has flexibility in helping the students to work on grammar. Last, students have very positive perceptions in using E-LKPD Liveworksheets.com for learning English based on Attitude Toward Use. It means they felt happy, and not bored when working on E-LKPD Liveworksheets.com in learning English mainly grammar.

E-LKPD Liveworksheets.com can be known as an interactive LKPD that integrates with technology that can be used as a medium for learning English. In addition, it 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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