

The Use of Edmodo as a Virtual Teaching Media of Listening

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Abstract. This study aims at finding out whether Edmodo is effective in teaching listening virtually at the sixth semester of Cokroaminoto Palopo University. This study is pre-experimental design which consists of pre-test, treatment and post-test. The population of this study is the sixth semester of Cokroaminoto Palopo University. The technique used to select the sample is *simple random sampling*. The data is analyzed using significant t-test (paired sample t-test). The result of the study shows that the value of mean score of pre-test (61.50) is lower than the mean score of post-test (68.67). It means that the use of Edmodo is effective in teaching listening. The result of paired sample t-test shows that the value of sig. (2-tailed) is lower than alpha (α) ($0.000 < 0.05$), It means that Null Hypothesis (H_0) is rejected and Alternative Hypothesis (H_i) is accepted. Therefore Edmodo is significantly effective in teaching listening virtually at the sixth semester of Cokroaminoto Palopo University.

1. Introduction

English has four skills that students should master when studying it, they are listening, reading, writing and listening [1]. From the four skills, listening is one of the tougher skill learnt by the students. Listening is the way of transferring informative audio to the receiver in the purpose of understanding or comprehending the information transferred. It's focused on listening for detail and listening comprehension as listening is the source of getting some information to produce communicative activities.

In language learning, listening is important skill to place communicative interaction each other [2]. This interaction of communication needs a good source to acquire a language spoken namely listening source. The source could be a speaker and the listener. The two speakers are able to create communicative interaction if they have a good listening particularly to comprehend the language spoken. In addition, the ability to listen is appropriately in need of people in any listening activities, moreover people to communicate with natives.

In some international meetings, listening place an important role to comprehend the native speakers speak to the audiences. Listening daily conversation is not as difficult as listening academic talk. International meetings like international seminars or conferences invite native speaker as usual and most of them discuss academic talks that could force the audiences to comprehend the speakers. This condition stresses that the ability to listen contributes to people who attend international meetings.

In educational sector, listening becomes the main problem for students particularly when they do the test. At the level of Senior High School, Students are faced by the national final examination that most students are difficult to do the English test, particularly the listening section. They mostly avoid the listening section although the speaker is not the natives. At the level of university, students are

faced by the TOEFL test as the requirement to complete study, but then most of them also have problem on listening section. Those phenomena describe the situation with respect to the teaching and learning listening. Those problems might occur because of ineffective learning. Teacher or lecturer needs appropriate technique or media to arouse students leaning enthusiasm particularly moreover during COVID-19 pandemic.

To understand listening, students need more practice to improve their listening skills. One of the media to teach students to listen is to use "Edmodo". Edmodo: is a simple Edmodo tool that uses current lesson content, which can be used on mobile and pc; it provides a useful tool for students and teachers to interact online both outside and in the classroom [3]. To present material, teachers post announcements and assignments for their students and can interact via the comments column. In addition, Edmodo is used by students to communicate by asking questions related to the material being taught and discussing assignments with other classmates and exchanging ideas each other [4].

In addition to the scope of traditional education, Edmodo is an e-learning-based learning that has been introduced as a new learning technology that leads to new forms of learning through IT devices, such as smart phones, PDAs, and handheld computers by anyone to access information and learning materials from anywhere, anytime and anywhere. However, Edmodo allows students to learn from whichever location they want to study because they can study whenever and wherever they want on their existing mobile device [5]. Simply put, the flexibility to use a mobile device at any time of the day and night is the most important characteristic of Edmodo to achieve learning ideas anytime and anywhere particularly in pandemic era.

During the COVID-19 pandemic, many teachers have difficulty in teaching listening. Presentation of listening material tends to be difficult because the learning system applied by the government is distance learning. Many teachers have difficulty designing listening tests that are equipped with audio listening so that the learning process is not interesting and does not meet the learning objectives. Based on the statements, this study proposed whether Edmodo is effective in teaching listening virtually in pandemic situation. This virtual media of learning means to overcome the problems of distance learning in the era of pandemic..

2. Method

In this study, the researcher employs pre-experimental design to collect the data as the research focused on the effectiveness of the media of learning in teaching listening. This method includes pre-test, treatment and post-test [6]. The pre-test was conducted to determine the students' initial abilities before treatment. The test given was in the form of a listening test consisting of 50 multiple choice questions. Treatment was carried out after giving the pre-test. In this session, the researcher taught by applying Edmodo as a listening learning tool. The teaching was carried out for 10 meetings with different materials. After the treatment session, the researcher gave a post-test to measure the final ability of students after studying through Edmodo. The test given was in the form of a listening test consisting of 50 multiple choice questions. The data was analyzed by using inferential statistical analysis (t-test). In order to formulate the statistical analysis, the researcher used SPSS for windows.

The study was conducted at the sixth semester of English department of Cokroaminoto Palopo university academic year 2019/2020. The specific time was held on February till May 2020. The number of population was 80 students consisting of two classes. The technique used to get the sample was simple random sampling. The number of samples is 30 students taken from two classes.

3. Result and Discussion

3.1. Result

Table 1 describes the results of the descriptive analysis referring to the pre-test data. This shows that the number of students who take the pre-test is 30. Based on the analysis of the results of the pre-test of students' listening skills, it is shown that the highest score is 80.00 and the lowest score is 50.00. Meanwhile, the average score of students' listening skills on the pre-test is 61.50, the median is 60.00, and the standard deviation is 7.54. Details of data analysis are presented in table 1 below.

Table 1. The descriptive statistic of the score of the students' listening skill in Pre-test

N	Valid Missing	30 0
	Mean	61.5000
	Median	60.0000
	Mode	60.00
	Std. Deviation	7.53726
	Variance	56.810
	Range	30.00
	Minimum	50.00
	Maximum	80.00
	Sum	1845.00

Table 2 presents the descriptive analysis regarding to post test. The number of students who take the pre-test is 30. Based on the analysis of the results of the post-test listening students, it can be seen that the highest score is 85.00 and the lowest score is 60.00. Meanwhile, the average score of students' listening skills on the pre-test is 68.67, the median is 70.00, and the standard deviation is 7.06. The summary of descriptive statistics on students' listening skills in the pre-test is presented in table 3.

Table 3. The descriptive statistic of the score of the students' listening skill in post-test

N	Valid Missing	30 0
	Mean	68.6667
	Median	70.0000
	Mode	70.00
	Std. Deviation	7.06294
	Variance	49.885
	Range	25.00
	Minimum	60.00
	Maximum	85.00
	Sum	2060.00

Table 3 describes the result of significant test (t-test) in which shows that the value of sig. (2-tailed) is 0.000. If the value of sig. (2-tailed) is lower than alpha (α) ($0.000 < 0.05$), it can be concluded that there is significant difference between pre-test and post-test after giving treatment. It means that Null Hypothesis (H_0) is rejected and Alternative Hypothesis (H_1) is accepted. Therefore Edmodo is significantly effective in teaching listening virtually. The result of the t-test is presented as follows:

Table 5. The Result of Paired Sample T-test between Pre-test and Post-test

		Paired Differences				t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error	95% Confidence Interval	t	df	Sig. (2-tailed)
Pair 1	VAR00001 - VAR00002	63.58333	7.88109	1.01744	61.54743 65.61923	62.493	59	.000

3.2. Discussion

Based on the results of the study, the use of Edmodo in teaching listening to 6th semester students at Cokroaminoto Palopo University showed significant effectiveness. This can be seen in the results of the t-test which shows that the value of sig. (2-tailed) is lower than alpha (α) ($0.000 < 0.05$), it can be concluded that there is a significant difference between pre-test and post-test after being given treatment. This means that the Null Hypothesis (H_0) is rejected and the Alternative Hypothesis (H_1) is accepted. Therefore Edmodo is significantly effective used in distance learning.

Edmodo as a listening learning tool is able to make students enthusiastic in learning. The features contained in the listening quizzes can attract students' interest in learning [7]. Through listening quizzes, students seem to be facing an online test. In addition, students can see the results of their corrected answers which are displayed at the end of the quiz session. At the end of the learning session, the teacher can provide feedback to students through the comments column or in the quiz comment column. These statements are emphasize by looking at the improvement of the mean score in the post-test (68.67 is higher than 61.50).

In addition, students can use Edmodo as a means to share information. In some parts of Edmodo section there is a homepage that students and lecturers can use it to discuss the material presented. Through this feature, students are free to express ideas without any hesitation because the system is like other social media. Thus, lecturers can interact easily each other in virtual classrooms compared to face-to-face in traditional classrooms. Information delivered through Edmodo classes can help strengthening communication being evaluated at any time. In other words, the communication that occurs in Edmodo class is permanent and can be accessed at any time.

4. Conclusion

The data on finding shows that the use of Edmodo in teaching listening is effective. It can be seen from the value of mean score of pre-test (61.50) is lower than the mean score of post-test (68.67). The result of paired sample t-test shows that the value of sig. (2-tailed) is lower than alpha (α) ($0.000 < 0.05$), It means that Null Hypothesis (H_0) is rejected and Alternative Hypothesis (H_1) is accepted. Therefore Edmodo is significantly effective in teaching listening virtually at the sixth semester students of Cokroaminoto Palopo University.

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