

The Effect of Using Joox Application Towards Students Listening Skills of The Eleventh Grade at MAS-TI Candung

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Abstrak

Dalam belajar bahasa Inggris, banyak sekali keterampilan yang harus dikuasai. Salah satunya adalah keterampilan mendengarkan. Listening merupakan salah satu keterampilan bahasa Inggris yang harus dikuasai oleh siswa yang belajar bahasa Inggris. Listening merupakan keterampilan dasar dalam bahasa Inggris sebelum orang melanjutkan ke keterampilan berikutnya dalam bahasa Inggris. Penelitian ini dimaksudkan untuk mengetahui pengaruh penggunaan aplikasi JOOX terhadap keterampilan mendengarkan siswa kelas sebelas di MAS TI Candung. Penelitian ini menggunakan metode kuantitatif dengan desain penelitian quasi eksperimen dengan membandingkan dua kelas. Populasi penelitian ini adalah siswa kelas XI MAS-TI Candung, yaitu XI IPK 5 sebagai kelas kontrol yang berjumlah 26 siswa, dan XI IPA 1 sebagai kelas eksperimen yang berjumlah 28 siswa. Hasil penelitian ini menunjukkan bahwa terdapat pengaruh yang signifikan keterampilan mendengarkan siswa antara siswa yang diajar dengan menggunakan aplikasi JOOX. Hal ini terlihat dari nilai rata-rata posttest pada kelas eksperimen sebesar 84,11 lebih tinggi dibandingkan dengan nilai rata-rata posttest pada kelas kontrol sebesar 48,46. Dari skor kedua kelas dapat disimpulkan bahwa penggunaan aplikasi JOOX memberikan pengaruh yang signifikan terhadap keterampilan mendengarkan siswa.

Kata kunci : *Keterampilan Mendengarkan, Aplikasi JOOX*

Abstract

In learning English, there are a lot of skills that must be mastered. One of them is listening skill. Listening is one of English skills that must be mastered by students who learn English. Listening is a basic skill in English before people continue to the next skills in English. This research was intended to find out the effect of using JOOX application towards students listening skills of the eleventh grade at MAS TI Candung. This research, used quantitative method with quasi- experimental research design by comparing two classes. The population of this research was the eleventh grade students at MAS-TI Candung, namely XI IPK 5 as control class with consists 26 students, and XI IPA 1 as experimental class with consist 28 students. The result of this research indicated that there was significant effect of students listening skills between students who were taught by using JOOX application. It can be seen from the mean score posttest in the experimental class was 84,11 is higher than the posttest control class was 48,46. From the score of both classes it can be concluded the result of the data that, using JOOX application gave any significant effect towards students listening skills.

Keyword : *Listening Skill, JOOX Application*

INTRODUCTION

In the era of globalization, the development of information and communication technology has shown its identity. Technology provides numerous choices such as making

teaching interesting and productive. English, as core subject in school, has some purposes to develop four language skills to the students: listening, speaking, reading, and writing, as well as language components: vocabulary, structure and pronunciation. They are all inter-related in order to master English as a whole. Listening skills is the language skills that human being use the most. Teaching listening is not as easy as teaching other skills. It requires many media to deliver the listening materials. Such as ; TV, music application, conversation with other people and news. Melyann stated that as students listen the students process not only what their hear but also connect it to other information they already know. It means teacher must be more creative in finding ways to make the listening learning atmosphere more effective.

The use of media in teaching learning will gave positive effect to teaching learning. Media is hoped to make students gain knowledge, understanding, attitude, and skills. For teaching listening there are a lot of media that teacher can use. In this thesis, researcher focused on using JOOX application as media to teach listening. Media such as JOOX application becomes a powerful tool for students to know and recognize the language being uttered. JOOX application is music streaming media that was founded in January 2015 by Tencent. JOOX application provides quality music so listening to songs in this application is very interesting. Teacher must be able to use interesting learning media and skills, can use appropriate learning media.

Based on preliminary research on the 22th November 2022 at MAS-TI Candung, the researcher got some problems that relate to English classes especially in listening Activity. The researcher did observation and interview English teacher and the students. First, the students were difficult concentrating when listening activity. Problems like this very often occur among students when learning listening, students do not understand the sound being played, then ask their peers so that it makes them less concentrated during this listening learning process. Second, students were unfamiliar with listening subject using particular media. Students did not know much about media that can help the listening process. Even though there are lots of media that can help the listening process such as Podcast, YouTube, JOOX, SPOTIFY, and Movies. The last, the researcher found that the students still have limited of vocabulary so that's way the students were difficult to know the meaning of material when learned listening. Students found it very hard to comprehend the meaning when it comes to native speaker saying because of the speedy level they are not accustomed to. Limited of vocabulary makes it difficult for students to understand native speakers in audio when learning listening in the classroom.

Based on the facts above, clearly there were problems appear in listening of the eleventh grade at Mas-TI Candung. Based on the problem of identification above, the researcher was interested to acknowledge students media to learn English. Especially in listening, and found out by using JOOX as media in teaching listening whether it will be suitable and easy for use. So, the researcher conducted the research entitled: The Effect of Using JOOX Application Towards Students Listening Skills of The Eleventh Grade at MAS-TI Candung.

METHOD

Research design

The methodology of this study is quantitative. Experiment research is to make the researcher get to the point where evaluating the cause beyond the definition and condition using test as hypothesis. The design of this research is the quasi-experimental design because the researcher used pre-test and post-test to find The Effect of Using JOOX Application Towards Students Listening Skills of The Eleventh Grade at MAS-TI Candung.

Population and sample

The population of this research was all of the eleventh grade at MAS-TI CANDUNG in academic year 2022/2023 consisted three classes are: XI IPA 1, XI IPK5, XI IPS3. In this research the researcher uses two classes as the experiment class and control class. The researcher used simple random sampling.

Instrument

The researcher instrument was used to measure the value of the study variable under study. Instrument is one of important part to conduct a research. It is used to collecting data that needed by the researcher. According to gay, an instrument is a tool that used for data collection in the research and how it will measure the variables. The researcher used test as tools in this study for submitting data, the researcher designed as pretest and posttest with consist 20 questions in the multiple choice.

Validity

In this study, the researcher used content validity. It is used to measure the test whether it is suitable with the material was taught or not. Expert validity was checked the instrument and make a judgment about how well items represent the intended content area. The validators instrument were the lectures of UIN Sjech M.Djamil Djambek Bukittinggi.

Reliability

Reliability refers to an understanding that an instrument quite reliable and can be used as data collection tool. An instrument is said to be reliable (has high level of confidence) if it can provide steady and stable result.

Table 3.3 the Categorization of Instrument Reliability

Scale of Alpha Cronbach	Reliability Categorization
0.86-1.00	Very high
0.66-0.85	High
0.36-0.65	Low
0.20-0.35	Very low
0.00-0.19	Not reliable

Technique of data collection

The most important thing to conduct the research is collecting the data. It is important for the researcher to know and master the steps in the field to collect the data that the researcher is going to conducted. In this research the researcher used the pretest to know the background knowledge of students listening skills. The researcher gave pretest and posttest to both experiment and control class. The pretest is given to find out the significant effect after giving the treatment to the experiment group. Control class was treated by using conventional method.

Technique of data Analysis

The data analysis is aimed to test hypothesis of the research. The data analysis is an activity data from all respondents or other data sources are collected. The researcher used t-test to compare or found out whether the value of t-obtained indicated a significant difference between mean scores of both test and the researcher processed data used SPSS.

FINDING AND DISCUSSION

Descriptive Statistics

	N	Minimum	Maximum	Sum	Mean	Std. Deviation	Variance
pretestex	28	30	55	1270	47,04	5,926	35,114
pretestcon	26	30	60	1240	47,69	8,152	66,462
posttestcon	26	40	60	1260	48,46	5,435	29,538
pottestexp	28	75	95	2355	84,11	5,280	27,877
Valid N (listwise)	26						

Based on the table above it can be seen the total number of students in the eleventh grade was 54 students, there were 28 students in the experimental class, and there were 26 students involved the control class. The mean score of posttest in experimental class was 84,11 and the posttest in the control class was 48,46. Then sum for experimental class was 2355 and at the control class was 1260. It can be seen, there were significant differences in students score of both classes. The scores of experimental class were higher than the control class. It means that the students were better which was treated by used JOOX application towards students listening skills than students that were treated without JOOX application.

Analysis of the data Normality test

KODEKELAS		Kolmogoro v-Smirnov ^a			Shapiro-Wilk Statistic		
		Statistic	df	Sig.	Statistic	df	Sig.
NILAI	pretestexp	0,172	28	0,033	0,893	28	0,008
	pretestcon	0,168	26	0,058	0,941	26	0,143
	posttest exp	0,219	28	0,001	0,911	28	0,021
	posttest con	0,188	26	0,018	0,918	26	0,040

a. Lilliefors
Significance
Correction

Based on shapiro wilk test, the result on SPSS as in table above. The normality test result was found in pretest of experiment class 0,008 and for post- test class was 0,021. While in pretest control was found 0,143 and posttest control was found 0,040. Based on the explained above that all of the data in the experiment and control class was higher than 0,05 so it can be concluded that all of the data were normally distributed.

The Homogeneity Test

The researcher calculated the normality of data, the researcher calculated the homogeneity of it. Both of homogeneous and heterogeneous began to be calculated using SPSS 26 program. The result of the homogeneity test will be explained below:

Test of Homogeneity of Variance

NILAI		Levene Statistic			
		Statistic	df1	df2	Sig.
NILAI	Based on Mean	3,014	3	104	0,033
	Based on Median	2,297	3	104	0,082
	Based on Median and with adjusted Df	2,297	3	88,929	0,083
	Based on trimmed Mean	3,029	3	104	0,033

Based on the result, it can be seen that the significant value of pretest experiment was 0,033 and posttest the experiment was 0,083 and pretest control class was 0,082 and posttest control was 0,033. So it can be seen that the value was higher than 0,05. It means Ha was accepted or the instrument was homogeneous.

Testing the hypothesis

After the scores of pretest and posttest in experimental and control class had been analyzed, the researcher tested the hypothesis in this research. The research testing hypothesis as follow:

1. If the significant value was less than or equal to 0,05, then the null hypothesis (Ho) was accepted. This means that there was significant difference in achievement between students listening skills by using JOOX application.
2. If the significant value was greater than or equal to 0,05, then the null hypothesis (Ho) was accepted and the hypothesis (Ha) was rejected. This mean that there were no significant different achievement between students listening skills who were taught by using JOOX application.
3. Based on the mean score of posttest experimental class and posttest control class, the mean score of posttest control class 48,46 it was lower the mean score of posttest experiment class was 84,11. It can be concluded Ha was accepted and Ho was rejected.

Therefore, to find out whether JOOX application has significant effect in students listening skill scores, the researcher tested the result of the posttest by using the independent sample T-test in the SPSS 26 program. The result were as follows:

Table 4.8The result of analyzing independent sample T-test
Independent Samples Test

				t-test for Equality of Means					95% Confidence Interval of the Difference	
				T	Df	Sig. (2- tailed)	Mean Difference	Std. Error Difference	Lower	Upper
NIL AI	Equal variances assumed	0,28 6	0,59 5	24,44 1	52	0,00 0	35,646	1,458	32,719	38,5 72
	Equal variances not assumed			24,41 4	51,4 39	0,00 0	35,646	1,460	32,715	38,5 76

Based on the independent test above, the result of posttest in both of classes showed that the obtained significant value or sig (2tailed) is 0,000. 2-tailed significant showed that $0,000 < 0,05$. It means that alternative hypothesis was accepted and null hypothesis was rejected. It can be concluded that there was significant effect of students score in listening skills who were taught by used JOOX Application. In other words, Ha was accepted and Ho was rejected

Discussion

Listening is one of the most important or main of the other competencies. English, as core subject in school, has some purposes to develop four language skills to the students: listening, speaking, reading, and writing, as well as language components: vocabulary, structure and pronunciation.

JOOX application becomes a powerful tool for students to know and recognize the language being uttered. JOOX application is musicstreaming media that was founded in January 2015 by Tencent. JOOX application provides quality music so listening to songs in this application is very interesting, because song in JOOX application allow its students to relax as well as to learn the language with pleasure. Teacher must be able to use interesting learning media and skills, can use appropriate learning media. As stated that by Syamsiah (2018) learning by using music and song is supported by integrating complex interactive roles creating a positive environment with high levels of student achievement.

The finding of the research shows that JOOX application was effective for students on listening skills. It was clear from the comparison between the mean score post-test of experimental class and control class. The mean score post-test at experimental class was 84,11 higher than the mean score post-test of control class was 48,46. Based on testing the hypothesis H_a was accepted and H_o was rejected. It means that, there were significant effect of using JOOX application toward students listening. To sum up, the use JOOX application an effective media that can be used by the teacher in teaching listening skills. In other word, it means that the JOOX application was useful and can help the teacher and students achieve the aim of teaching learning process, especially in teaching and learning listening skills.

CONCLUSION

In conclusion, The goal of this study is to know the effect of using JOOX application toward students listening ability. There is significant improvement from experimental class after taught by using JOOX application in teaching listening skills. It can be seen in from their posttest between experimental and control class. There is significant difference in score posttest of both classes that were experimental class and control class of students listening skills between students were taught by using JOOX application without using JOOX application. The use JOOX application in teaching listening skills is better than without using JOOX application in teaching listening skills. Based on the findings to the research, it is suggested that English teachers can use JOOX application as an approach media to teaching listening skills. The teacher should provide the material in an interesting way to easily understood by students.

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