THE EFFECT OF THE CAKE PLATFORM TOWARD STUDENTS' SPEAKING SKILLS

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ABSTRACT

The purpose of this research 1) to determine whether or not the Cake platform can improve students' speaking skills of the first–grade IPS 1 students at SMAN 1 Peudada. 2) to determine whetheror not the Cake platforms effective toward speaking skills of the first grade IPS 1 students at SMAN 1 Peudada. The population of this research was SMAN 1 Peudada. The used of intrument of this research was speaking test and questionnaire. Data were analyzed quantitatively using SPSS Statistics Output, such as the Normality Test and Paired-Sample T-test. Meanwhile, the average pre-test and post-test speaking scores were analyzed differently based on specific objectives. The use of the Cake platform as a medium to improve students' speaking skills is effective, this can be seen from the average post-test reading comprehension score μY_2 =76.25 higher than the pre-test reading comprehension average score. From the data analysis, the results of the Paired-Sample T-test were 0.000 <0.05 with a significant value if Sig. (2-tailed) < 0.05 means there is a significant difference, with normally distributed data, Asymp. Sig. (2-tailed) =0.434 on the basis of the Normality Test decision making using the Kolmogorov-Smirnov significance data, if the significance value is > 0.05 then the residual value is normally distributed. Thus, the alternative research hypothesis (Ha) is accepted and the null hypothesis (Ho) is rejected. It can be interpreted that the influence of the Cake platform as a media for improving students' speaking skills is an effective strategy for students to improve their speaking.

Key Words: *Speaking Skill, Cake platform, pre-experimental*

INTRODUCTION

Language is an important aspect and has an important function in interaction. With human language, we can feel what is being said or what the other person is talking about. English is an important foreign language in today's era. Just like any other language, there are four important skills in language, namely speaking, writing, reading, and listening.

Speaking is an activity when the people can explain what they think in certain situations and useful for some condition. Which is can be used in interactions, expressing emotions, and various other uses in living daily life.

The object of learning in the arrangement and refinement of the 2013 curriculum emphasizes natural, social, artistic, and cultural phenomena. Through this approach, students are expected to have much better attitudes, skills, and knowledge competencies. They will be more creative, innovative, and more productive, therefore that they can be successful in facing various problems and challenges of their time, entering a better future. One of them is speaking skills,

because by having sufficient speaking skills they can express their emotions, convey their ideas, thoughts, opinions in public with confidence.

Although it has become an aspect that is often used in everyday life, as an students, they often face difficulties in speaking, such as pronunciation, fluency, intonation, word filling, accuracy, shyness, and lack of confidence. Therefore, as the English language educators, we must have a way to continuously improve the quality of speaking and provide feedback on each exercise so thus students can understand the results and have a way out of the mistakes they made. Same as the school that the researcher is currently took, most of the students in the school are still lacking in speaking skills. Such as intonation, fluency, accuracy, pronunciation and lack of confidence.

Currently, there are many efforts that can be used by teachers in order to improve the quality of speaking for students. The use of applications can help teachers to explore more and get new things that can be used in the process of improving speaking skills. An application that can be used is the Cake platform. The using of the Cake platform can improve students' speaking skill in term of pronunciation, grammar, vocabulary, and fluency.

The Cake platform offers speaking practices that simulate conversations with native speakers, students can check their pronunciation with the speech recognition on the Cake platform. Simply students also get to record their voice and get immediate feedback. The students will learn to sound like a native speaker immediately. Teachers can use the Cake platform in many techniques or activities in order to meet the goal of speaking class. Besides being able to be accessed for free, this application has many features that can be used to hone speaking skills in English, such as tools to practice speaking using dialogue, watching videos to improve speaking skills and several other features. There have been many studies conducted previously regarding the use of applications in the use of the teaching and learning process. To improve students' speaking and critical thinking skills in learning English. The use of technology is the right way to improve the quality of students' speaking including the students of SMAN 1 Peudada.

In SMAN 1 Peudada, there are three grades and each grade has four classes. They already familiar with the online aducational platform that is often used in their classes and at the same time all the teachers are also required to know how to operate the platform when implementing it in the classes.

There are several previous research that discussed about speaking skill and the Cake platform. The first one was conducted by [1] in the research journal entitled *The Implementation of Cake Application for Speaking English in Online Learning.* The writer found out that according to [2], speaking was an important skill in daily activities to make relationship with other people. Besides that, being able in speaking of foreign language was the first target of learners for finding job, as a

requisite by learners' companies or institute. Speaking was one of the way to communicate. Speaking was a productive skill. It was produced by listening or reading. We produced the speaking sound, when we pronounced the words[3].

The second research was conducted by [4] in the research entitled *Teaching Speaking for Tourism Students using Cake-Learn English Application in Surakarta.* In this study, the writer found out that according to [5] , speaking was an essential feature of language learning both as a foreign language or a second language. Additionally, there was also a statement that said integration of technology helped the students to enhance maximal output and allowed teachers to develop the curriculum useful, creative, and engaging to be implemented. They were expected to be familiar with skills related to information, media, and technology, such as accessing and evaluating information, using and managing data, and applying technology effectively. Besides, the activities used to teach speaking skills should balance the language input, structured output, and communicative output. The Cake platform is an application that can be used to learn English using short videos for different purposes. The latest update of this application was on December 16th, 2020. It is available for Android OS and iPhone OS for free. Playlist Corporation, South Korea, developed this application. The short videos in the application are taken from YouTube to learn English from Native Speakers. This application contains exciting content and sources such as short clips from movies, TV series, animated videos, and even videos from English teachers. For tourism purposes, there are also supporting channels such as the Travel & Tourism channel or BritCent that contain various expressions used for tourism students. There is an AI (Artificial Intelligence) in the Cake application that can automatically recognize the wrong pronunciation. This feature helps them to identify which word they pronounced wrong by giving a red line mark on the wrong words. It can also assess the students' pronunciation and give scores according to voice recognition AI (Artificial Intelligence).

The third research was conducted by [6] in the research journal entitled *The Use of Cake Application in Teaching Speaking to Senior High School's Student.* The writer found out that according to Bygate [6], speaking skill was the ability in using oral language to explore ideas, intentions, thought, and feelings to other people as a way to make the message clearly delivered and well understood by the listeners. Meanwhile, according to [2] , speaking was a skill that became an important part of daily life that it was the way for people to create social relationships as human beings. It can be concluded that speaking was the most important skill of language which was about a tool or device in communication. By speaking, people could deliver their ideas, opinion, or thought about the world. Then, through speaking skills, people could communicate their ideas and messages with others.

And next was conducted by [7] in the research journal entitled *The Implementation of Cake Applicationin in Learning English Speaking Skills.* The writer found out that according to [8] , this research showed that mobile assisted learning iespecially in language learning gave both benefits and challenges in optimizing students' outputs toward learning targets. They investigated the influence of mobile applications as learning assistance which could help students improve their speaking skill and critical thinking in English language learning. Mobile applications used were online dictionary, language translator, speaking English, English grammar, speech to text, critical thinking, WhatsApp, Google chrome, YouTube, Weebly, and Gmail. Technology in the form of mobile learning applications provided opportunities to both the teacher and the students in improving the quality of teaching and learning. It was applicable for any subject by selecting appropriate mobile learning applications.

The last was conducted by [9] , in the research entitled *Developing Cake App as Digital Media for Teaching Speaking in Junior High School.* The writer found out that according to Brown [9], teaching language needed the involvement of other language aspects. Both accuracy and fluency became the important goals to be pursued in performing speaking by allowing students to focus on the element of phonology, grammar and discourse in that spoken output. These elements of language helped speakers to produce a meaningful message to listener. As a language productive skill, speaking was one of important skills that should be mastered. By mastering speaking skill, speakers could express their idea and respond to meaning orally. Shamim [10] , also stated that students of today were technology addicted and used several learning application on their smartphones these days. Furthermore, Chaudron [10] , explained that English language learning applications were available on smartphone connected with internet had made learning easy for students. Smartphones are now not only used for the basic purpose of communication but also as an effective learning tool as they had all the features of computers inbuilt in them.

This study focused on *The Effect of Cake Platform toward Students' Speaking Skills (An Experimental Research at the 1st grade students of SMAN 1 Peudada).* In this research the researcher chose the IPS-1 first grade students and the researcher wanted to examine the effect of the Cake platform when practicing the students' speaking skills.

METHOD

this researc used a quantitative data analysis method. In this research, the data was collected from the students speaking skills through the pre-test and the post-test. After collecting the data, the researcher calculated the data results from the speaking test using the Cake platform, and the data was being processed and analyzed quantitatively by using the SPSS

Statistics Output to prove the hypotheses. The data obtained was analyzed by using a technique, known as the Paired-Sample T-test. Paired-Sample T-test was a part of parametric statistics calculation to test the research hypotheses and it was a test used to compare the means score between the speaking pre-test and post-test.

At first, the researcher would determine the speaking pre-test and post-test mean scores. To determine the mean score of pre-test and post-test of the students' speaking skills, the researcher applied the t-test formula as shown below:

Gives the following formula below [11] :

$$t = \frac{Md}{\sqrt{\dfrac{\sum x^2 d}{N(N-1)}}}$$

Where:

t = *t-test score*

Md = the mean magnification of the pre-test with post-test

Xd = deviation of each subject

$\Sigma x^2 d$ = sum of squared deviation

N = count of sample

In this research, the researcher took the SMAN 1 Peudada students as the population and for the sample, the researcher took the first-grade IPS 1 class that consisted of 28 active students. Researcher use speaking test and questionare as a instrument. the data collection in this study were pre-test, treatment, and post-test.

FINDINGS AND DISCUSSION

From the data result gathered, the data was calculated to determine whether or not the Cake platform was effective in enhancing the students' speaking skills of the first-grade IPS 1 students at SMAN 1 Peudada. As stated in the purpose of the research, the researcher would like to determine whether or not the Cake platform can improve students' speaking skills of the first-grade IPS 1 students at SMAN 1 Peudada and to determine whether or not the Cake platform effective toward speaking skills of the first-grade IPS 1 students at SMAN 1 Peudada. In this case, to prove the hypotheses, the researcher applied the statistically procedure as explained in chapter three.

The research process was conducted on November 29, 2022 until December 5, 2022 at SMAN 1 peudada. As for the sample in this research were 28 students. The purpose of the research were (1) To determine whether or not the Cake platform can improve students' speaking skills of the first-grade IPS 1 students at SMAN 1 Peudada (2) To determine whether or not the Cake platform effective toward speaking skills of the first-grade IPS 1 students at SMAN 1 Peudada. After

the researcher conducted the research, the researcher obtained three kind of scores, in which, it were pre-test, post-test scores, and the scores acquired from the use of the Cake platform by using the questionnaire. The pre-test score was obtained before applying the Cake platform. Meanwhile, the post-test score and the questionnaire result were obtained after the researcher applying the treatment.

Prior to data analysis, at first, the researcher carried out a test namely, Normality test. The aim of the Normality test was to determine the type of statistics that should be used afterward in calculating the data analysis. The result of the Normality test will be explained below.

To determine the normality in the Normality test obtained from the first-grade IPS 1 students' speaking pre-test and post-test scores at SMAN 1 Peudada is done by recognizing at the results tabulated in the Kolmogorov-Smirnov and Shapiro-Wilk significant data. If the significant value was greater than the alpha level of 5% or if the Sig (2-tailed) > 0.05, then the data was distributed normally. Below was the result of the Normality test calculated from the pre-test and post-test scores of the first-grade IPS 1 students at SMAN 1 Peudada.

Table 4.3 The Normality Test

Tests of Normality						
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pre-test	.173	28	.211	.937	28	.122
Post-test	.196	28	.434	.932	28	.234

Based on the Normality test of the pre-test that has been tabulated as shown in the Table 4.2 above, the researcher found out that both the Asymp. Sig. (2-tailed) in Kolmogorov-Smirnov and Shapiro-Wilk were 0.211 and 0.122. Therefore, the p-value > 0.05 and it means that the data were normally distributed. Meanwhile, the Normality test of the post-test as shown in the table above showed that both the Asymp. Sig. (2-tailed) in Kolmogorov-Smirnov and Shapiro-Wilk were 0.434 and 0.234, in which, the p-value > 0.05. Hence, it can be concluded that the Normality test of the post-test was distributed normally. Hereafter, the data result were statistically computed using the SPSS Statistics Output to determine the significant difference of the pre-test and post-test using the Cake platform on the first-grade IPS 1 students at SMAN 1 Peudada.

Considering to the test requirement for data analysis have been met, this research could use the parametric statistical data analysis known as the Paired-Sample T-test. The Paired-Sample T-test was conducted to examine whether or not there was a significant difference of the pre-test and post-test mean scores. To determine the outcome of the Paired-Sample T-test, it was done by recognizing the result shown in the Sig. (2-tailed). If the significant value < 0.05, then there is a significant difference. Meanwhile, if the significant value > 0.05, then there is no significant difference of the pre-test and post-test mean scores. The following table presented the results of the Paired-Sample T-test.

Table 4.4 The Paired-Sample T-test

Tests	N	Descriptive Statistics M (Std. D)	Paired-Sample T-test		
			t	*df*	Sig. (2-tailed)
Pre-test	28	63.93 (5.99)	- 7.625	27	0.000
Post-test	28	76.25 (8.57)			

Based on the Table 4.3 above, the researcher discovered the statistic improvement of the speaking pre-test and post-test data. The score result of the pre-test and post-test could be seen in each of the speaking test scores. The pre-test mean score and its standard deviation was 63.93 (5.99). Meanwhile, the post-test mean score and its standard deviation was 76.25 (8.57), in which, it was higher than the pre-test mean score result. Besides that, the results of the Paired-Sample T-test showed that Sig. (2-tailed) was p-value = 0.000 < 0.05. Hence, it can be concluded that there was a significant difference in the treatment applied between the speaking pre-test and post-test. Therefore, the results of the hypothesis could be interpret as follows:

- Ha: The Cake platform can improve students' speaking skills of the first-grade IPS 1 students at SMAN 1 Peudada, was accepted.
- Ho: The Cake platform cannot improve students' speaking skills of the first-grade IPS 1 students at SMAN 1 Peudada, was rejected.
- Ha: The Cake platform effective toward speaking skills of the first-grade IPS 1 students at SMAN 1 Peudada, was accepted.
- Ho: The Cake platform does not effective toward speaking skills of the first-grade IPS 1 students at SMAN 1 Peudada, was rejected.

CONCLUSION

Based on the research that had been done at the first grade IPS 1 students at SMAN 1 peudada, the researcher conclude there was effective to use Cake platform to improve students speaking skill. It is proved by the differences between the two means in pre-test and post- test. There was proven by means of speaking skill scors from the pre-test (μY_1=63,93) to the post-test (μY_2=76,25). That means, the alternative hypotheses (Ha) was accapted and the null hypotheses (Ho) was rejcted.

Students are progress,it can be seen based on the analysis of paired t-tests. the result of the calculation of the paired-sample T-test is 0.000 <0.05 with a significant value if sig. (2-tailed) <0.05 means that there is a significant difference, with assumption the data is normally distributed. The basis for decision making for the normality test is made using the Kolmogorov-Smirnov significant data which states that if the significant value is > 0.05 then the residual value is normally distributed. This is proven by the normality test that has been calculated. The researcher found that the normality test was Asymp. (2-tailed) = 0.434> 0.05 which means the data is normally distributed. Therefore, the researcher concludes that the alternative hypothesis (ha) is accepted and the null hypothesis (ho) is rejected, in other words, there was an effect to improve students' speaking skills to the first-grade IPS 1 student at SMAN 1 Peudada

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