

**THE EFFECTIVENESS OF ELSA SPEAK APPLICATION TO IMPROVE
STUDENTS' PRONUNCIATION ABILITY AT SMPN 1 TANDUKKALUA**

A THESIS



JAYANTI

(H0119350)

**ENGLISH EDUCATION STUDY PROGRAM
FACULTY OF TEACHER TRAINING AND EDUCATION**

UNIVERSITY OF SULAWESI BARAT

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ABSTRAK

JAYANTI, 2023. Keektifan Aplikasi ELSA SPEAK untuk Meningkatkan Kemampuan Pelafalan Siswa di SMPN 1 Tandukkalua. **Skripsi, Majene: Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sulawesi Barat, 2023.**

Tujuan dari penelitian ini adalah untuk mengetahui keektifan aplikasi ELSA dalam meningkatkan kemampuan pelafalan bahasa inggris vocabulary siswa. Penelitian ini di laksanakan di SMPN 1 Tandukkalua. Pendekatan yang digunakan dalam penelitian ini adalah kuantitatif dengan metodologi True-Experimental desain, dengan menggunakan teknik random sampling sebagai teknik pengambilan sample. Populasi sebanyak 175 siswa. Sampel yang di ambil dari kelas IX^A sebagai kelas experimental dengan jumlah 26 siswa dan IX^B sebagai kelas control dengan jumlah 26 siswa. Pada kelas experimental peneliti menggunakan teknik Pengumpulan data yang dilakukan dengan menggunakan instrument pre-test dan post-test yang terdiri atas 20 soal dengan cara melafalkan kosa-kata tersebut. Teknik penganalisis data menggunakan aplikasi SPSS versi 29 untuk windows. Dari hasil analisis penelitian menunjukkan bahwa hasil rata-rata nilai post-test yaitu, 83, 32 lebih tinggi dari nilai rata-rata pre-test yaitu 49.62. Dari hasil nilai tersebut dapat disimpulkan bahwa Ha bisa di terima. Oleh karena itu, Aplikasi ELSA Speak efektif dalam meningkatkan kemampuan pelafalan bahasa inggris kosa-kata siswa.

Kata Kunci: Pelafalan Bahasa Inggris, Aplikasi ELSA SPEAK

CHAPTER 1

INTRODUCTION

A. Background

English pronunciation was a critical primary ability in growing English speak, and listening skills. By using analyzing pronunciation, it would be clean to understand a way to pronounce a word effectively (Cakmak, 2019). This is supposed so that students understand how to pronounce words in English to keep away from speak or analyzing errors. The significance of pronunciation in English because mispronouncing a phrase in English may be fatal, mispronunciation of consonants or vowels in a phrase can purpose distinctive words with a view to result in wrong and exceptional meanings.

The purpose of getting to know pronunciation was for English rookies with the intention to pronounce a word so that language beginners can pronounce the phrase accurately enough and that it could be greater effortlessly understood through the opposite person additionally inquisitive about speaking English after they have extraordinary pronunciation, but it now not suggest additionally to force rookies to be gifted in native English speakers or to have a super accent due to the fact an excellent accessory may be very hard for foreign language newcomers (Begum, 2016).

From the effects of observations at SMPN 1 Tandukkalua, issues associated with pronunciation have been determined. From the check effects and questions given to students, the researcher concluded that students were now not inquisitive about mastering English because English a differed kind of written and pronunciation. As the result test, gave vocabulary test for student namely “book”. The significant example namely ‘book’. Writing ‘book’ pronunciation ‘buk’. The approach of teaching English on the school best uses eBook media to study English. It was able to make college students now not enthusiastic and not interested by gaining knowledge of English just by way of the usage of books.

Seeing modern-day tendencies that were greater thrilling the usage of media technology as a way of coaching and gaining knowledge of method definitely allows the spirit of learning. Consequently, advances in

technology have added many possibilities to the sector of training. New developments in educational era have furnished many inventions with the emergence of the term cellular gaining knowledge of which refers back to the implementation of studying with the help of mobile phones and net get admission to.

One form of cell mastering that may be used as a mastering medium is cellular Assisted Language learning (MALL) that's associated with the usage of cell era inside the language learning system. This observe pursuits to improve students' pronunciation abilities with the aid of the use of the English talk mastering Speech Assistant (ELSA) software. The ELSA communicate software uses speech recognition technology which can help users to help enhance their English pronunciation. The ELSA talk utility offers extra training and greater subjects for customers to exercise pronunciation, from practising English vocabulary, phrases, and sentences. Any other feature supplied by the ELSA speak application is an interactive dictionary, with a view to assist users to pronounce the phrases or phrases that have available on that software. accordingly, college students can effortlessly research pronunciation through interesting media round them due to the fact almost they all have terrific internet.

Based on the problem above, the researcher is trying to find a solution to the problem of pronunciation, so the solution found is to use the ELSA Speak application as a media for student interest in learning English and getting young students to learn English vocabulary pronunciation. . The application provides vocabulary, audio and record sound, so that it will be easier for students to imitate their pronunciation. Therefore, the researcher will do a research under the title "**The Effectiveness of the ELSA Speak Application to Improve the Pronunciation Ability of Students at SMPN 1 Tandukkalua**".

B. Problem Identification

From the background above, the following student problems were:

1. Students stated that they were not interested in learning English because English had different writing and pronunciation.
2. As a result of difficult in pronouncing vocabulary, the students did not interest in learning English.

C. Problem Limitation and Formulation

1. Can the used of ELSA Speak application improve students' pronunciation ability at SMPN 1 Tandukkalua?
2. What were the students' perceptions used of ELSA Speak application?

D. Research Objective

This study aims to determine:

1. To find out the use of ELSA Speak application can improve students' pronunciation ability at SMPN 1 Tandukkalua.
2. Students' responses to the used of ELSA Speak Application

E. Research Benefits

The benefit had two types namely:

1. Theoretical benefits

To make students interested in learning English vocabulary and to make students easy pronouncing English vocabulary.

2. Practical benefits

The teacher can apply this media to improve the students' pronunciation ability. The teacher could use this media as alternative media to be implemented in the teaching and learning proses especially teaching pronunciation English vocabulary. In addition for students learn pronunciation used this application.

CHAPTER II

LITERATURE REVIEW

A. Previous related studies

Some Previous related studies related to this research. First, conducted by way of Dinda Pangastuti (2021) under the title THE EFFECT OF ELSA SPEAK STUDENTS' PRONUNCIATION IN ENGLISH. Currently, generation was not unusual as a supply of mastering, certainly one of that's the use of programs to support the learning procedure. This observe aims to determine the impact of the ELSA communicate software on students' pronunciation in English. ELSA stands for English Language Speech Assistant. This software can be used to exercise students' pronunciation competencies to healthy the pronunciation of foreigners/local speakers. This look at used a quantitative technique with a pre-experimental studies design. The population on this study have been five college students of grade VIII Junior High School at a tutoring organization known as the advanced getting to know residence. Records become collected by means of doing pre-test and submit-test. Similarly, the writer used a video recorder at some point of the test to make it simpler to research college students' pronunciation. In addition to assessing pronunciation, the author additionally assesses intonation, fluency, and accuracy of meaning. College students find out how to say sentences that sound right with the aid of the use of the ELSA talk app. They were requested to pay attention to the sentence in three times earlier than they said it. The highest score for the pre-take a look at college students was 75 at the same time as the lowest score was 45. The writer calculates the records primarily based at the method defined previously to get the results. This observe concluded that the ELSA speak application had an impact on college students' pronunciation in English. This was evidenced by way of searching on the consequences of the post-test scores which were better than the scholars' pre-check rankings. Similarly, the ELSA communicate utility can assist college students improve their pronunciation capabilities. As a consequence, this utility was incredibly recommended to support pronunciation instructions. In other words, the ELSA speak

application has an effect on enhancing the English pronunciation competencies of eighth grade junior high college students on the Featured mastering center.

Then, the second study by Rinaepi, Triwardani Rosa Henni and Azi Nur Raysal (2022) entitled EFFECTIVENESS OF THE ELSA SPEAK APPLICATION TO IMPROVE PRONUNCIATION CAPABILITY.

English pronunciation was one of the critical factors of gaining knowledge of English. This was the motive why this research turned into carried out. The lifestyles of the ELSA software as a medium was considered as something new which can make students more interested by studying English. The usage of this media ambitions to take gain of technological advances as an effort to make it easier for college students to improve their pronunciation abilities with a purpose to then be very beneficial for college kids whilst dealing with the international of labor. Further, researchers used experimental research in which ELSA communicate because the independent variable and pronunciation as the established variable. With the aid of the usage of a random sampling method, the researcher took a sample of eleven students from a complete population of 37 students of sophistication XI at SMK Taruna Bhakti Kadugede and the statistics collection strategies had been statement, trying out and documentation. The outcomes confirmed that the use of ELSA speak may want to boom college students' studying motivation through 25.45%, and the effects of the pre-test and put up-take a look at statistical evaluation confirmed that the use of ELSA communicate ought to growth students' pronunciation potential by 17%. The effects acquired from records series display that the common score of pupil success within the pretest and posttest has a extensive difference. The distinction in the proportion of pretest and posttest has a difference of 17.zero, the pretest results were fifty nine.64, while the posttest outcomes were seventy six.64.

Next, carried out by Rismawati Dina, Suryana Yayan, Agustiana Vina (2021) with the title THE EFFECTIVENESS OF ELSA SPEAKING APPLICATION IN IMPROVING ENGLISH PRONUNCIATION. The

use of generation has turned out to be an important part of language gaining knowledge of, it may help instructors to create powerful and interesting language coaching tactics. Consequently, this study investigates the effectiveness of ELSA programs in enhancing student English pronunciation on the junior high faculty level and illustrates how student attitudes in the direction of the usage of ELSA applications in learning English pronunciation. Statistics series was accomplished using exams which encompass pretest and submit-take a look at. Pretest was given before treatment, whilst post-check was given after the treatment was finished. The check was given to the 2 class of students, particularly the class manage and the magnificence experimental. Then again, the questionnaire turned into given best after the members acquired remedy. Therefore, the questionnaire was given to the class experimental after which analyzed quantitatively. Based on the test effects it was known that the t- count number was more than t-table (2, 92 > 1, 6773) at an importance degree 1/2. This indicates that H_0 is rejected and H_a is familiar because of this the software of ELSA was powerful in increasing college students' capabilities. Similarly, the outcomes taken from the questionnaire show that scholars display a high quality mindset in the direction of using ELSA applications in gaining knowledge of English pronunciation. Consequently, it could be stated that the Elsa utility isn't always most effective to be used in coaching pronunciation but was likewise powerful in retaining students' attitudes in learning English pronunciation. Consequently, to complement the literature about teaching English, the authors recommend that English teachers use any utility to improve students' English competencies. To achieve studies desires, researchers apply quantitative studies strategies via the software of pseudo experimental layout. Researchers can conclude that there may be a large impact on college students after the use of the ELSA software in pronunciation getting to know. That was evidenced via the results acquired from the statistical calculations that have been carried out. The thing that distinguishes this study from the ultra-modern studies become that in this observe it become now not handiest seeking out the

effectiveness of English pronunciation the usage of the Elsa talk application but also examines the attitudes of students within the use of the application thru questionnaires.

The last research from Pinontoan A. Kurnia, Pelenkahu Noldy, Meity Muntuuntu C. (2022) with the title USING THE ENGLISH LANGUAGE SPEECH ASSISTANT (ELSA SPEAK) APPLICATION TO IMPROVE THE PRONUNCIATION ABILITY OF ST. CATHOLIC MIDDLE SCHOOL STUDENTS. This test goals to discover whether or not the English reading Speech Assistant (ELSA) talk) software can be used as a coaching medium to improve the pronunciation abilities of St. Catholic middle school college students. This observe makes use of a quantitative method through experimental techniques using the Pretest-Posttest layout. Samples had been taken from elegance VIII college students of St. Catholic center school totaling 20 students. The test device used in this observe to accumulate information became an oral take a look at with the aid of giving 20 inquiries to college students within the pre-take a look at and 15 valid questions inside the post-test. primarily based mostly on the ones effects, within the pre-test one pupil had been given the very best score of eight and 3 college students got the bottom rating of , in the publish-test five college students had been given the best rating of 10 and one pupil have been given the bottom rating of 5. The common score at the pre-take a look at changed into 4.6 and the common rating in the placed up-take a look at became 7.9. From a majority of these results the researcher concluded that the usage of appropriate studying media could have an impact on pupil studying effects. Except that, it can also be concluded that scholars' pronunciation skills increase notably after the use of those learning media. Researchers determined that the usage of telephone packages had an advantageous impact on improving college students' pronunciation abilities. The treatment or coaching media used in this observe can decorate student success, pre-test and publish-test rankings as shown inside the previous phase assure that scholars have better progress after using English Language Speech Assistant (ELSA) speak. The English Language Speech Assistant (ELSA) speak

software can assist college students in studying English, especially in improving their pronunciation skills. The English getting to know Speech Assistant (ELSA) talk utility can also help teachers to make learning amusing and interesting for college kids in English training. As shown inside the scholar achievement desk, it can be concluded that the English Language Speech Assistant (ELSA) communicate software can extend college students' pronunciation talents and assist them fulfill the category this was the focal point of the researcher (pronouncing Noun words with 3 or more Syllables). cease this studies have become a quantitative take a look at used to check whether or now not the use of the ELSA communicate application can enhance university college students' pronunciation abilities or no longer. primarily based at the findings and speak, it can be concluded that there was an growth in college students' pronunciation capacity thru using the English Language Speech Assistant (ELSA talk software) as a studying medium for 20 grade 8 college students at Catholic center faculty. From the five previous studies related to this researcher, the different research before. The researcher concludes that the purpose of the five studies was whether the use of the ELSA SPEAK application can help in learning English, especially pronunciation and what was the effect of the application in learning pronunciation so that it can help in good and correct pronunciation. In this study, there will be a new difference namely in pronunciation score of ELSA Speak Application. In addition, the others different namely object or population and research methods. Resign design of this study using true experiments and sampling techniques. This study will use simple random sampling.

B. Theoretical Framework

1. Definition of pronunciation

According to Cakmak (2019), English Pronunciation become a simple skill that become very essential in developing speaking, and listening English abilities. By using studying pronunciation, you'll recognize a way to pronounce a phrase correctly. So, that newcomers apprehend the way to

pronounce words in English to keep away from speaking or reading mistakes. The significance of pronunciation in English because mispronouncing phrases in English may be deadly. Mispronunciation of consonants or vowels in a phrase can motivate phrase variations as a way to bring about incorrect meanings. Which will understand the distinction in pronunciation. In addition according to Abbas, M. F. F., & Fathira, V. (2020), production sound of pronunciation mostly hard by students, in sound production not have to same with native speaker but at least not for away the meaning sound of word English.

English has a special pronunciation method, we frequently come upon numerous phrases that have a pronunciation that became absolutely similar, a few phrase have the same writing but the pronunciation is specific. This cannot be underestimated, due to the fact extraordinary pronunciation can produce the distinct meanings. Basically, mastering English pronunciation lies in how we pronounce vowels and consonants correctly.

Commonly, pronunciation learning became now not too stressed at faculty so that students unknown the basics of properly pronunciation which then makes students unable to discover ways to pronounce correctly.

2. The Importance of teaching pronunciation.

Pronunciation was one of the most important skills in English language teaching. Pronunciation was not only as the part of English subject in the class, but it can also influence student's speaking performance. It was the act or manner of pronouncing words; utterance of speech. In other words, it can also be said that it was a way of speaking a word, especially a way that was accepted or generally understood. Pronunciation was very important because it was closely related to vocabulary development (Tarigan, 2011: 132). It requires a sensitive awareness of speech. If students were familiar with speaking, they don't want to provide explicit information. Speech was very important in the development of concepts because it involves distinguishing between sounds that were combined to form words and concepts. To know good and correct speech, requires regular and structured training.

3. Sound Pronunciation in audiovisual

The purpose of the technology of learning activities was facilitating the learning process, spurring learning process, and facilitate the process learn and teach. Learning resources can be technology print, audio-visual, internet-based, or integrated technology.

Audio media in language learning English as a function to provide voice input and output for students to follow the audio source. In addition, audio media as well functions as a comprehensible input or appropriate input for student needs. The comprehensive input provided was in the form of speech with clear and accurate pronunciation (pronunciation fluency and accuracy) in forms of speech, sentences, and reading texts so that students were able to pronounce the pronunciation correctly as shown in audio media. Good audio media should provide useful activities such as: creating interaction among students in the form of demonstration training conversation in pairs or class. According to the results of McCaughey's research (2015) implementing learning strategies with audio media by emphasizing students practice more in listening. The research findings show that these activities were easier to do when the audio format was designed in sound recordings short duration for convenience students demonstrate the conversation in the audio recording.

This study focuses on investigating the use of a media application, namely the ELSA Speak application to make it easier for students to record their voice and pronounce the vocabulary words or sentences found in learning English pronunciation voice. In that application the audio has been available there were features that provide for pronouncing words or sentences and also fix voice recordings that do not match the results of the original pronunciation production. Several previous researchers have conducted similar research on utilization.

4. Rubric pronunciation

Table 2.1 rubric of pronunciation assessment

| Aspect | Rating Score | Comments |
|--------|--------------|--|
| Sound | 5 | Almost complete |
| | 4 | There was a mistake but do not disturb the meaning |
| | 3 | there were some mistakes with the result that hard understanding |
| | 2 | many mistakes until the words harder understanding |
| | 1 | too much mistakes until the words harder understanding |

5. Application

Inside the cutting-edge generation of modernization, generation is a factor which can help people. Perhaps now we were familiar with the technology. As it had end up a need for humans. Technological trends in ubiquitous computing and Wi-Fi communications coincide with cellular adoption Multimedia gadgets and applications that have translated into splendid opportunities for English as a overseas language (EFL). Working structures like Google's open supply Android, Apple's iOS, and Microsoft home windows had been an increasing number of gaining sophistication and now has the ability to change this discipline dramatically. This handheld device supports individuals and collaborative mastering and gives opportunities to expand era so as to assist students to research each time, everywhere and a large variety of programs for mobile telephones.

According to Budiman (2017) with the era for studying techniques, students could have broader knowledge, as an instance, the Google search

engine that has tons of articles and knowledge in them that we can access at no cost. Human paintings has also been accomplished by machines and human beings were handiest tasked with running the system, particularly inside the subject of education. Even English language getting to know might be substantially helped through era in the shape of packages. An application became laptop software, or a small, or a selected application used for cellular gadgets. Many application technology can be beneficial within the discipline of education, specifically learning English. One of the useful packages for studying English become the ELSA speak. ELSA Speak Application

There were so many technologies can be downloaded from the internet. In terms of pronunciation practice, there was software namely “ELSA Speak: English Accent Coach” which was can be downloaded through play/app store on smart phone. It was designed to help learners to speak English clearly, fluently, and confidently. The features provided in this app were designed to exercise the learners to say the words correctly such as vowel, consonant, word stress.

ELSA (English Learning Speech Assistant) Speak can be a very useful medium in English learning, especially pronunciation, which was one of the important factors in mastering speaking skills.

ELSA speak can help us to practice and hone our speaking skills in English by correcting incorrect pronunciation and explaining how to pronounce correctly in English. We can practice English language skills anytime and anywhere. Practicing with ELSA Speak regularly can help improve our speaking ability in English.

A brief history of the ELSA Speak application. This Application was designed by Vuvan in 2015, based in San Francisco and the United States. Vuvan created the app to help her with English pronunciation and also to improve education for girls. Basically, this application was still based on Google but there were errors in the pronunciation so that there was a wrong pronunciation in the media. So the ELSA team made a

version of the application. ELSA Speak was in the top 5 English learning apps worldwide, has more than 10 million users from 101 countries.

6. Features of ELSA speak application

The features of the ELSA speak application called "progress" which consists of:

1) Word bank

First features was one that provides a learning display in the form of sentences, words, and pronunciation consisting of word sound, word stress and conversation.

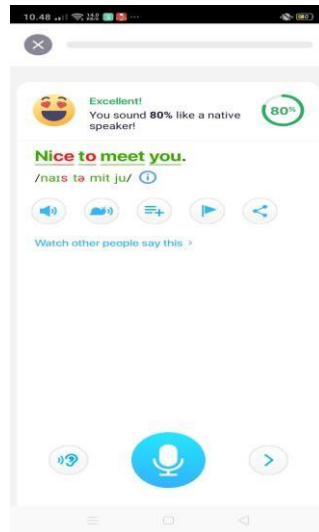


Figure 2.1 the word bank

2) ELSA pronunciation score

For the second feature, it will only provide scores from the results of learning pronunciation exercises from the ELSA application. The results of the score depend on the ability to memorize and score 58% or even 80%.



3) Assessment *Figure 2.2 the assessment*

This feature section provides an assessment of the results of the pronunciation practice in the application. This application will provide an assessment that was in accordance with the pronunciation so that it can know the extent of the ability to pronounce words or sentences. In this assessment there were two methods.

- a. The first method was to provide an assessment in the form of words, namely:
 - Excellent
 - Try again
 - Almost correct
- b. The second method by providing a color assessment was:
 - The green colored letters indicate that the user correctly pronounces the pronunciation of the sound,
 - Yellow letters indicate that the sound was mostly correct,
 - The red letters mean the sound was mispronounced.



Figure 2.3 the assessment word of English vocabulary

7. The advantages and disadvantages of ELSA speak application
 - 1) Advantages
 - a) This application can be downloaded for free
 - b) Can provide correction of pronunciation errors
 - c) Users can get feedback to fix errors.
 - d) Assessment and score which includes pronunciation, fluency, intonation, word stress and listening.
 - 2) Disadvantages
 - a) Application downloads must use internet quota.
 - b) Has a deficiency in the user's pronunciation detection so that sometimes there were mispronunciations.
 - c) Must login first using email.
 - d) Practice English one level per days
8. How to lunch ELSA speak application
 - 1) First, download the first app on play store.

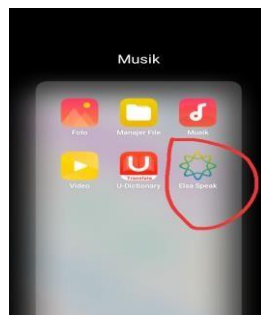


Figure 2.4 the view of ELSA Speak

- 2) User registers account.
- 3) Then, on the learning menu display, you can choose the material to be studied.
- 4) After selecting the material, the user will say the word, sentence, or conversation provided by the ELSA application.
- 5) The last, the ELSA application will provide users with an assessment and assessment regarding.

C. Conceptual Framework

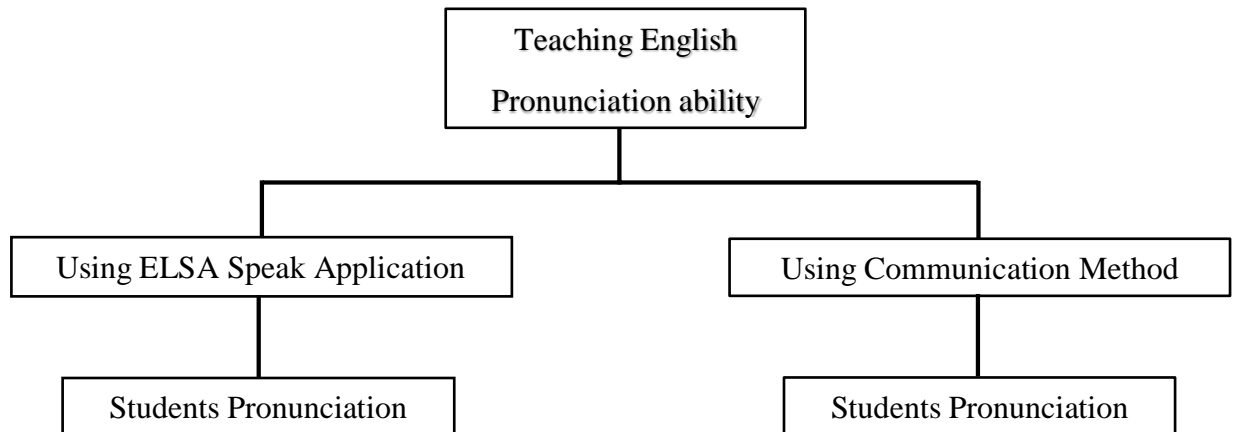


Figure 2.5 Conceptual framework

Based on the diagram above, the researcher would measure students' pronunciation ability in English. Before starting teaching and learning activities in class there will be a pretest that will be used to measure the students' pronunciation ability. Students will learn English pronunciation using two methods, namely using the ELSA Speak Application and using general communication methods. In learning using the ELSA Speak Application will give treatments while the communication method was for the class control. The results of the two tests will be used to measure students' pronunciation skills in English.

D. Hypothesis

For this hypothesis research namely:

- a. Null Hypothesis (H_0): ELSA Speak application was not effective to improve students' pronunciation ability.
- b. Alternative Hypothesis (H_1): ELSA Speak application was effective to improve students' pronunciation ability.

BAB V

CONCLUSION AND SUGGESTION

A. Conclusion

Based on the results of using ELSA Speak Application in improving students' pronunciation ability that conducted at SMPN 1 Tandukkalua, it could be concluded namely:

1. ELSA Speak Application can improve students' pronunciation ability. The result of this study indicate of the result of post-test class experimental students was higher than of the class control students, It can be proven from the finding which showed the difference between the mean of post-test experimental and post-test class control. In addition the result of hypothesis show that $001 < 0,05$ it was mean that the Alternative hypothesis was accepted that mean ELSA Speak Application was effective to improved students' pronunciation ability.
2. Students in this study also used questionnaire to see students' respond in effectiveness of using ELSA Speak Application to improve students' pronunciation ability. And in this study it was found that the results of data that had been processed in SPSS showed that the perceptions of students about the ELSA Speak Application was strongly agree. It was result could be concluded based on the result of questionnaire "Used ELSA Speak Application, I know my achievement pronunciation in English vocabulary". From this result respond students were in total agree. The second "I can improve my pronunciation by using the ELSA Speak Application", the result so much students in category strongly agree.

B. Suggestion

The finding of the research shows that the used of ELSA Speak Application was effective in improve students' pronunciation. Therefore, the writer tries to give some suggestion addressed for the teachers, students, and future research, as follows:

1. For the Teacher

In order to succeed in teaching English, the teacher must be active and creative in teaching English especially in English communication or speaking to make the students be usual in pronunciation vocabulary, while applying ELSA Speak Application because students usual in difficult pronouncing vocabulary and it was make the students to learn English.

2. For the Students

The students should be active in the classroom and pay attention more in understanding new method to learn English. Students have to cooperate with their teacher to achieve their purpose in learn English. It was hoped that students will be more disciplined in learning so that both students and when in learning proses more effective. In addition for students, this application not only use when the research was doing but it can use in other time in learning proses of class and also can use in outside the home to keep their pronunciation more be improve and more be effective again.

3. For the Future Research

In this research, the researcher used ELSA Speak Application to improve students' pronunciation vocabulary. As this research is no perfect yet, because the meeting of the study was only four meetings in learn pronunciation using that Application. So the research suggestion to look the other way to make more effective again. It is hoped that the result of this study can be used as an additional reference for other studies conducting similar research, especially those related to reading learning activities.

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