

**THE EFFECTIVENESS OF USING JOOX APPLICATION ON STUDENTS'
VOCABULARY MASTERY AT SMA PERINTIS 1 BANDAR LAMPUNG
IN THE ACADEMIC YEAR 2022/2023**

**A Thesis
Submitted as a Partial Fulfillment of The Requirement for S-1 degree**

**By:
BELA LARASSATI
NPM: 1811040193**

Study Program : English Education



**TARBIYAH AND TEACHER TRAINING FACULTY
RADEN INTAN STATE ISLAMIC UNIVERSITY
LAMPUNG
1444H/2023M**

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LAMPUNG
1444H/2023M**

ABSTRACT

The learning process at SMA Perintis 1 Bandar Lampung had low ability in mastering vocabulary because the teacher only used textbook in mastering students' vocabulary so that learning was less efficient because the students' feel lazy, bored and unmotivated. This research aimed to determine whether there was an effect of using JOOX Application on Students' vocabulary mastery.

The research methodology of this research was quasy experimental design. The population of this research was the tenth grade of SMA Perintis 1 Bandar Lampung in academic year 2022/2023. The samples of this research were two classes, X.1 and X.2. (X.1) consisted of 27 students as the experimental class and (X.2) consisted of 28 students as the control class. The experimental class used JOOX Application, while the control class used textbook. The treatments were held in 3 meetings. In collecting the data, this research used a test for the instrument by multiple-choice questions. Before giving the treatment, a pre-test was given. Then, after conducting the treatment was given a post-test.

Based on the result data analysis showed that the vocabulary scores obtained by students before and after treatments had significant differences, this could be seen from the following facts. The gain score of experimental and control class. The mean of gain score of experimental class was 17.22, whereas the mean of gain in control class was 11.16. It showed that the gain in experimental class was higher than gain score in control class. It means that the teaching and learning by using Joox application has effective it. As the score of Hypothesis test the result obtained in the independent sample t-test in the table 4.3, that the value of significant generated Sig. (p value) = 0.000 and $< \alpha = 0.05$. So, H_a is accepted and H_o is rejected. Based on the computation, it can be concluded that there was significant effect on vocabulary mastery by using JOOX Application in teaching vocabulary.

Keywords : *Joox Application, Vocabulary Mastery , Quasy Experimental Design*

DECLARATION

The researcher's identity, the undersigned below:

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There by declared that the thesis entitled "The Effectiveness of Using Joox Application on Students' Vocabulary Mastery at SMA Perintis 1 Bandar Lampung Academic Year 2022/2023" is truly the researcher's own original work. The researcher fully responsible for the publication of the thesis. The sources and structure of the writings in this research have complied with the provisions and ethical standards.

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A research thesis entitled **THE EFFECTIVENESS OF USING JOOX APPLICATION ON STUDENTS VOCABULARY MASTERY AT SMA PERINTIS 1 BANDAR LAMPUNG ACADEMIC YEAR 2022/2023** by **BELA LARASSATI NPM: 1811040193**, Department : **English Education**, has been successfully defended as Thesis Defense of the faculty of Tarbiyah and Teacher Training, Raden Intan States Islamic University, Lampung, the Thesis defense was held on: Friday April 14th, 2023.

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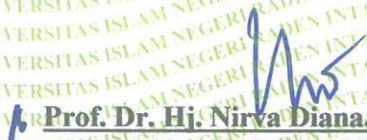
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MOTTO

فَإِنَّ مَعَ الْعُسْرِ يُسْرًا

For indeed, with hardship [will be] ease.

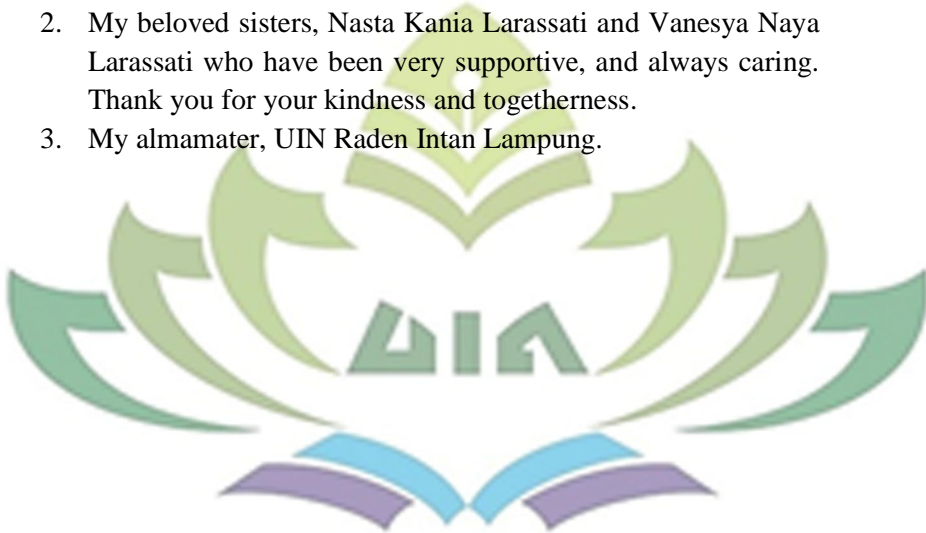
(Q.S Al-Insyirah:5)



DEDICATION

Alhamdulillah thanks to Allah SWT for His grace. This thesis had been completed. From depth of the heart, this thesis is dedicated to:

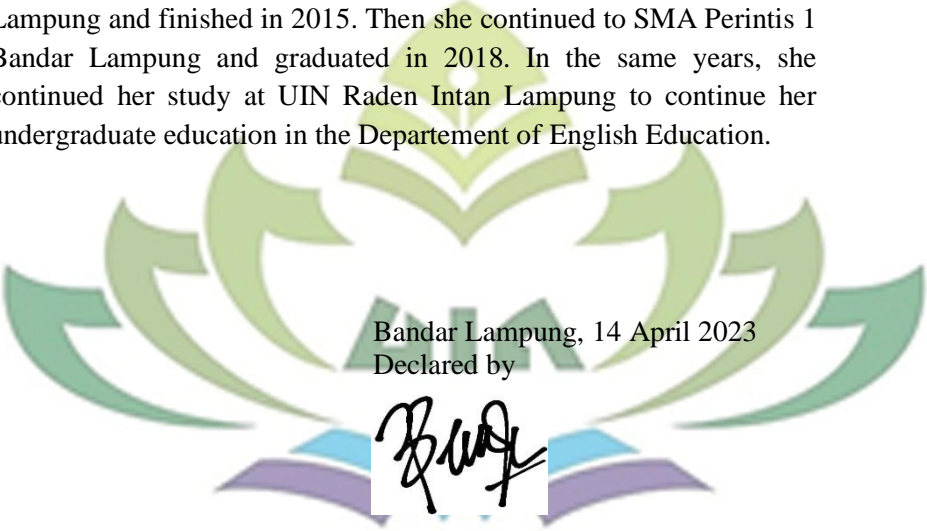
1. My beloved parents, Mr. Chairul Effendi and Ms. Siti Hanifah who always provided me with unconditional love and endless support, not only for the completion of my studies but also for the success of my life. I am grateful to have you by my side, and this thesis is absolutely also yours. Thank you so much for all.
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3. My almamater, UIN Raden Intan Lampung.



CURRICULUM VITAE

Bela Larassati was born on May 31st, 2000 Tanjung Karang, Bandar Lampung. Bela is the second daughter of Mr. Chairul Effendi and Ms. Siti Hanifah. She has two sisters; the first is Nasta Kania Larassati and the third is Vanesya Naya Larassati.

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Bandar Lampung, 14 April 2023
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9. For every soul who help the research to achieve this, Degree.
The Research owes it all to you.

Finally, none or nothing is perfect and neither in this thesis. Any correction comments and criticism for the betterment of this thesis are always open heartedly welcome.

Bandar Lampung, 14 April 2023

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CHAPTER I INTRODUCTION

A. Title Confirmation

The confirmation in the title of this research must be explained in words to avoid interpreting errors and misunderstanding. The title of this research is “The Effectiveness of Using Joox Application on Students’ Vocabulary Mastery at SMA Perintis 1 Bandar Lampung”. In the titled of this undergraduate thesis proposal, there is an explanation of how various terminologies should be understood. The explanation is as follows:

1. Effectiveness

Effectiveness is the ability to produce the desired result or the ability to produce the desired output. When something is deemed effective, it means having the desired or expected result, or produced a deep and clear impression.

2. Joox Application

Joox is one of the music streaming application that released on January 2015 owned by Tencent. Bien Perez stated that, Joox itself is the biggest music streaming application in some country Asian markets such as Hongkong, Indonesia, Malaysia, Myanmar, and Thailand. JOOX Music Application is a system designed to listening music online by using smartphone that complete with many kinds of genre song especially English and others. By using this application, besides the students’ will enjoy to listening music, they also can read the lyrics which included. So, it can help them to adding their vocabulary.

3. Vocabulary Mastery

Mastery derived from the word ‘master’, which means to become skilled or proficient in the use of, to gain complete knowledge through understanding. Norbert Schmitt stated that vocabulary mastery is competence to know words and meaning. It is the basic knowledge that

students should master first before mastering English. Vocabulary is the most important component language because it affects the four language skills, there are listening, speaking, reading, and writing. Averil said: that generically, vocabulary is the knowledge of meanings of words also a central part of language.

4. SMA Perintis 1 Bandar Lampung

SMA Perintis 1 Bandar Lampung is an educational unit with a High School level in Palapa, Kec. Tanjung Karang , Bandar Lampung City, Lampung. In carrying out its activities, SMA Perintis 1 Bandar Lampung is under the auspices of the Ministry of Education and Culture. This school is the target object as well as the place where this thesis research is carried out.

B. Background of the Problem

Education is a process to influence students to be able to adapt as well as possible to their environment, thereby causing changes in themselves that function in people's lives.¹ Because, the progress and setbacks of a nation can be seen from the location of the level of education. Education also functions to develop capabilities and shape the character and civilization of the nation in order to educate the nation's life, develop the potential of students to become human beings who believe and fear God Almighty, have a noble character, are healthy, knowledgeable, capable, creative, independent, and become democratic and responsible citizens. Therefore, the function of education must be applied by educators to students so that the objectives of the educational function are achieved. Efforts are made to instill these values and norms and pass them on to the next generation to be developed in life that occurs in an educational process.²

¹ Hamalik, *Kurikulum Dan Pembelajaran* (jakarta: bumi aksara, 2013). p3

In the Qur'an, Allah SWT explains about education, one of which is contained in Surah Al-Baqarah: 31:

وَعَلَّمَ آدَمَ الْأَسْمَاءَ كُلَّهَا ثُمَّ عَرَضَهُمْ عَلَى الْمَلَائِكَةِ فَقَالَ أَنْبِئُونِي بِأَسْمَاءِ هَؤُلَاءِ إِنْ كُنْتُمْ صَادِقِينَ

"And He taught Adam the names of all of them, then He showed them to the angels, saying, 'Name all of these (things) to Me, if you are right!'" (Q.S Al-Baqarah: 31)

From the verse of the Qur'an above, it is concluded that education is very important, so Allah promises privileges for anyone who attaches importance to education.³ Learning is a complex process that occurs in humans all the time, wherever humans are. The essence of the teaching and learning process in teaching is the communication process. This is the process of delivering information from the teacher as the source to the student as the recipient. Learning English is different from other subjects, such as Indonesian and Javanese.

However, learning Indonesian and Javanese is easier to master because all students live in their country and the language has been their mother tongue since birth. As stated by Halliwel. In the early stages of their mother tongue development, children excel at making a little language go a long way. That is why Indonesian and Javanese are easier to master than English. Furthermore, students struggle to comprehend since they are unfamiliar with phrases that are rarely used in everyday living.⁴ English is an international language, so it's no wonder the whole world is learning English. Without exception in Indonesia, English has long been taught in Indonesia from elementary school to university. But so far it has not shown maximum results. English is a necessity for everyone in this era of globalization to communicate with the outside world. English is the same as

³ Khamam, *Pendidikan Islam Dinamika Dan Tantangan Masa Depan* (Malang: Intelligensia Media).p.59

⁴ Keraf, Gorys, *Diksi Dan Gaya Bahasa* (Jakarta: PT. Gramedia, 1986). Bab IV Perluasan Kosakata, p.64-72

a foreign language in this world. English has a basic element of language formation, namely vocabulary.

In English there are 4 Elements of skills namely (speaking, listening, reading, and writing) will work well if you have a good vocabulary? Vocabulary is the most important basic element in English, so to be able to speak English well; you must first master the vocabulary before learning English further. Mastering English vocabulary is very important, because without mastering English vocabulary, everyone who learns English will encounter obstacles in learning English.⁵

According to Tarigan “Mastery of vocabulary is very important in language, the richer a person's vocabulary, the greater a person's language skills”. Vocabulary is all available words, both active vocabularies used by readers and writers and passive vocabulary used by readers and listeners.⁶ Vocabulary is the total number of words in a language, all the words known to a person or used in a particular book, subject, etc. a list of words with their meaning, especially one that accompanies a textbook.⁷ A person who wishes to speak, write, listen, or read can't do it without a good vocabulary. Vocabulary aids in the development of the four language skills mentioned above, as well as serving as a critical component in the transmission of ideas necessary for successful English learning.⁸

Ability in expressing the idea is heavily influenced by more or less vocabulary that someone knows. Low mastery of English vocabulary will make it difficult for students to communicate their ideas in spoken or written form, even though communicating is the main goal of language learning.

⁵ Tarigan ,Henry Guntur, *Metodologi Pengajaran Bahasa* (Suatu Penelitian Kepustakaan) (Jakarta: Depdikbud, 1989).

⁶ Hornby A.S, *Oxford Advanced Learner's Dictionary of Current English* (London: Oxford University Press, 1984).

⁷ Harimurti Kridalaksana, *Kamus Linguistik* (Jakarta: PT. Gramedia Pustaka Utama, 2008).

⁸ Riyanto Slamet, *Developing Vocabulary Skills* (Yogyakarta: Pustaka Belajar, 2009).

In addition, just like a baby learning a language for the first time by identifying each word's name, students who are first learning English also need to master vocabulary before they can communicate in English. Therefore, it is necessary to pay attention to vocabulary and need interesting media to attract students' interest. Nowadays, the world has changed like the digital era, development science and technology is increasing to encourage renewal efforts in the use of technology results in the learning process. The development of this technology is marked by the emergence of various objects and gadgets, smartphones, tablet PCs, and others. These objects are very useful for purposes in our daily lives, especially for communication. All technology objects are supported by internet.

According to APJII stated that internet has become an unavoidable communication in daily life. This can be seen from the number of internet users in Indonesia which has reached 88, 1 million people, and 49% of them are aged 18-25. Responding to these conditions, the community must be able to keep up with the flow of change due by life's demands. Using smartphones has become a habit for students today. The first benefit of smartphones is for communication wherever humans are, they can always be connected. Smartphones can also help students to find the material lessons, train them to use electronic media, and practice more for discussions with friends or teachers if they cannot meet in the same place. Moreover, in the current situation, it is still in an online learning system, of course it is very necessary to use a Smartphone.

Songs can be useful tools in the learning of vocabulary, sentence structure, and sentence patterns, not to mention their reflectivity of mother tongue culture". Song is had rhyme and lyrics that can make everyone feels enjoy and easy to remember. Hopefully, by using songs the learning situation will be relax, enjoy, and comfortable. So, students' can improve their vocabularies. Based on what students' need now, the researcher tries to finding an alternative media. In its

practice, media can't ignore in the learning process. By using media, students will be able to achieve the predetermined objectives. Choosing an appropriate media is also influential in learning process.

The Joox application provides several conveniences for students to learn to listen easily because this is a music streaming application that has various genres of songs. The JOOX application offers several advantages in teaching vocabulary, such as being able to make students interested in learning and vocabulary can be remembered for a long time if they listen to the song often. The lyric in this application can make it easier for students, because they can listen while reading the lyrics. It can also make it easier for them to find new vocabulary.

Then, to use it is also easier and more practical. Students just need to download this media on Google Store or App Store. After this, they have to login with their own account and the app is ready to use. By using this application, the teacher can create a relaxed, fun, and comfortable learning atmosphere for students. Learning with something you like is the most effective way.

Based on the results of interviews with teachers at SMA Perintis 1 Bandar Lampung, students in tenth grade had low ability in mastering vocabulary in English. Because the learning media used is less effective and monotonous. And also, the learning method used is TCL (Teacher Centered Learning) which is more listening to material by the teacher in class, it is considered boring for students so that they feel lazy and unmotivated when learning English. In this study, the researcher wants to know whether the media is effective or not for vocabulary mastery. Because of that, the researcher needs to take the research by using the media.

Based on the explanation above, the researcher using Joox Application as teaching media. By using this application, learning process will be practice because it can be found in smartphone and complete with many genres of song also with highlighting lyrics. In this research is conducted on students'

vocabulary mastery. With the title “The effectiveness of Using Joox Application on Students’ vocabulary mastery at SMA⁹Perintis 1 Bandar Lampung.

C. Identification and Limitation of the Problem

1. Identification of the Problem

Based on the background of the problem above, the researcher identifies as follows:

- a. The students have difficulties in vocabulary mastery aspects such as nouns, adverb, and verb
- b. The teaching media used by teacher is monotonous.

2. Limitation of the Problem

Based on the identification of problem above, the researcher limit the problem on using Joox Application on Students’ Vocabulary Mastery.

D. Formulation of the problem

Considering the background above, the researcher formulated the problem as follow: “Is there effective or not of Using Joox Application on Students’ vocabulary mastery at SMA Perintis 1 Bandar Lampung?”

E. Objective of the Research

The objective of the research is to know whether there is effective or not on using Joox Application on Students’ Vocabulary Mastery.

F. Significance of the Research

Hopefully, the result of this research will bring some benefits to the theoretical and practical meaning.

1. Theoretical Contribution

For the theoretical contribution, this research can add insight and develop knowledge related to students’

language skills through at SMA Perintis 1 Bandar Lampung in Academic Year 2022/2023.

2. Practical Contribution

These research findings are expected to be useful for:

a. For another researcher

The results of this study are expected to be useful for teachers and students to provide interesting media to overcome students' vocabulary mastery problems in the teaching and learning process.

b. For teacher

The teacher can increase knowledge and contribute ideas about how to increase students language learning motivation, especially with joox application as media.

c. For students

For students it can also be used to mastering and develop their vocabulary. Because it will give them new experiences so that they will enjoy the learning process more. In addition, it is expected to have a positive influence on students in their English learning.

G. Relevant Previous Research

Based on previous research related to use Joox Application to help students on Vocabulary Mastery:

The first previous research by Anggraini (2019) a student of the English Department study program of Tidar University, Magelang. The title is "The use of JOOX to enhance vocabulary and listening skills" (A Descriptive Qualitative Research). The purpose of this research is to know the improvement of using Joox to their vocabulary and listening skill. Previously, the researcher found the trouble to catch the vocabulary when they listen to the audio. This problem is caused by the method of the listening class that is less attractive, so they need an interesting way of listening. This study uses a qualitative approach by giving statements to students. The statement given is about the impact of using Joox on their vocabulary and listening skills using a liker

scale. Therefore, the Joox music streaming application is one of the choices that can make listening classes more interesting. Based on the result of this research, the researcher could conclude that the JOOX application give facilitates students to learn listening easily because this is a music streaming application that provides recording and also the lyrics so the students can enhance their listening through this application.¹⁰

The second previous research conducted by Fika Sari Robiatussolikah (2019) with entitled *The Effectiveness of Song From Joox Music Application On Students Vocabulary Mastery Of Second Grade At Mts Darul Falah*". In this research focus on *The Effectiveness of Song from Joox Music Application on Students Vocabulary Mastery of 2nd Grade at Mts Darul Falah*. And the difference between this research and previous research is in population, in the research before it was eight grade at Mts Darul Falah but the population in this research is 10th grade at SMA Perintis 1 Bandar Lampung.¹¹

The third previous research was conducted by Selfia Yunita with title "The Effectiveness of Using Joox Music on the Speaking Ability of Class II Students at MTs Psm Miri Gambar, Tulung Agung. This study using a quantitative approach. The results of this study indicate that the use of Joox Music can improve students' speaking skills. Based on the research, the researcher can conclude that Joox music can improve English speaking skills. In this study, there are similarities in using Joox music media. And the difference is that the main focus of this researcher is on improving English speaking while the researcher focuses on developing vocabulary mastery.

¹⁰ Renita Rizky Anggraini and Maulida Arum Fauzi, 'Students' Perceptions: The Use of Joox to Enhance Vocabulary and Listening Skill', *Semnas.Untidar.Ac.Id*, 2019 <<https://semnas.untidar.ac.id/wp-content/uploads/2019/07/Renita-Rizky-Anggraini-Maulida-Arum-Fauzi.pdf>>.

¹¹ Fika Sari Robiatussolikah, 'The Effectiveness Of Song From Joox Music Application On Students Vocabulary Mastery Of Second Grade At Mts Darul Falah' (IAIN Tulungagung, 2019).

The fourth previous research conducted by Lu'lu Nur Luthfi'ah and Aryati Prasetyarini, (2021) with entitled 'The Use of Joox Music In Teaching Vocabulary To Junior High School Students In SMPN 1 Bulu' (Universitas Muhammadiyah Surakarta). In this research focus on describing the application of joox music in vocabulary learning, especially in the material that will be given to students and the steps for learning vocabulary using Joox music at SMPN 1 Bulu, this research applies qualitative methods. The research method used by researchers by means of interviews. The difference between this study and previous research is in the method and population. in this study using quantitative methods while previous studies used qualitative methods by interviewing. and differences in population, the population of the previous study was SMPN 1 Bulu while the population of this study were 10th grade at SMA Perintis 1 Bandar Lampung.¹²

Based on the previous study the researcher is interested in using the Joox Application as media Dale stated as a teaching media, song prevents students' boredom in the language classroom. The use of song in teaching learning process has good implications, such as create a welcoming atmosphere reducing learning stress level, and stimulating imagination and creativity. The researcher wants to know whether or not effective for vocabulary mastery by using Joox Application. The researcher used songs from JOOX Application as media in teaching vocabulary. By using this application, the learning process will be practiced because it can be found on smartphones and complete with many genres of songs also with highlighting lyrics.

¹² Lu'lu Nur Luthfi'ah and M Pd Aryati Prasetyarini, 'The Use Of Joox Music In Teaching Vocabulary To Junior High School Students In SMPN 1 Bulu' (Universitas Muhammadiyah Surakarta, 2021).

H. Systematic of the Research

The systematic discussion that is the steps in the research process is as follows:

1) Chapter I (*Introduction*)

This chapter consists of Title confirmation, Background of The Problem, Identification and Limitation of The Problem, Formulation of The Problem, Objective of The Research, Significance of The Research, Relevant Previous Research, and Systematics of The Research.

2) Chapter II (*Literature Review*)

This chapter consist of Theories include Vocabulary, Learning, Media, Audio Visual-Media, Joox Application

3) Chapter III (*Research Methodology*)

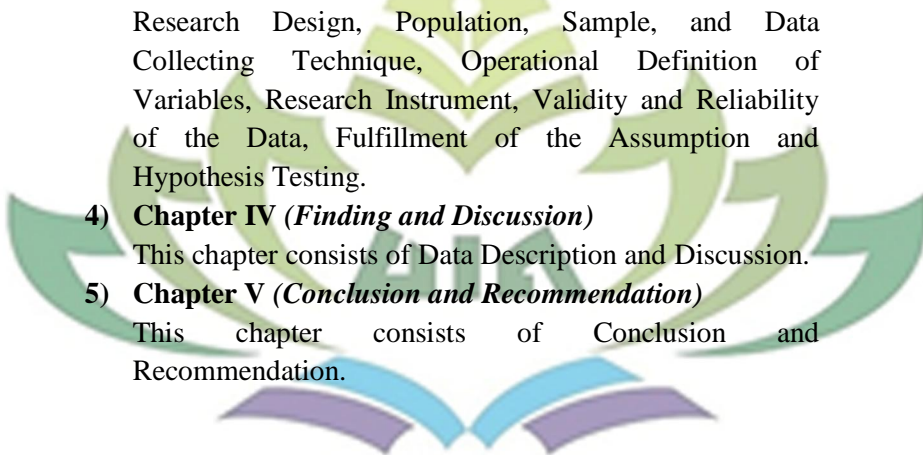
This chapter consist of Place and Time of the Research, Research Design, Population, Sample, and Data Collecting Technique, Operational Definition of Variables, Research Instrument, Validity and Reliability of the Data, Fulfillment of the Assumption and Hypothesis Testing.

4) Chapter IV (*Finding and Discussion*)

This chapter consists of Data Description and Discussion.

5) Chapter V (*Conclusion and Recommendation*)

This chapter consists of Conclusion and Recommendation.





CHAPTER II LITERATURE REVIEW

A. Theories

This chapter contains some theories through a review of some of the literature related to this research. There are; Vocabulary, Learning Media, Audio-Visual Media, and Joox Application.

1. Vocabulary

a. Definition of Vocabulary

Vocabulary is the most important component language because it affects the four language skills, there are listening, speaking, reading, and writing. Related in to the importance of vocabulary learning is central to language acquisition, whether the language first, second, or foreign. Averil, say that generically, vocabulary is the knowledge of meanings of words also a central part of language.

Vocabulary is the total number of words in a language, all the words known to a person or used in a particular book, subject, etc: a list of words with their meaning, especially one that accompanies a textbook (Hornby).¹ Muria Celce stated that learning language cannot be separated from learning vocabulary. Vocabulary supports the speaker to express their opinions, ideas, and feelings in communication.²

We also need to know the vocabulary to understand the meaning. The miscommunication may happen when we get the absence of vocabulary (Toyoda & Harrison). The learners also get bored when they have to gain vocabulary and learn Listening at class. The media and system of learning is boring and nit interesting for them. Those

¹ Hornby A.S, *Oxford Advanced Learner's Dictionary of Current English* (London: Oxford University Press, 1984).

² Celce Murcia, *Teaching English as a Second Language or Foreign Language*, 3rd edn (Boston: Thomson Learning, 2001).

factors lessen the learners to improve their vocabulary and listening skill at class.

Some of the students believe that listening music can help them to enhance their vocabulary and listening skill. Moreover, Elfrieda and Michael stated that vocabulary is a powerful carrier of meaning. A learner, recognizing the communicative power of vocabulary, might reasonably aim to acquire a working knowledge of a large number of words. The more words students know well and can use, the more meaning they can communicate in a wide variety of circumstances.³

From the definitions above, it can be concluded that vocabulary is knowledge of words and their meanings. It is about the words in the language used to express meaning. Therefore, learning vocabulary is very important in communication and developing English for students.

b. Concept of Vocabulary

The language is formed by words. Michael and Anne said, Vocabulary is about words. when we use language, we use words all the time, thousands of them. Hiebert and Kamil stated that vocabulary is a collection of words that we know the meaning when we speak or read orally and a collection of words as well which a person can use when writing and speaking.⁴ Vocabulary is the basic knowledge of language especially in English. As Chen and Li said, vocabulary learning is a principal issue for English learning because it comprises the basic building blocks of English sentences.⁵ In learning four language skills; vocabulary is basic component to be mastered. Vocabulary

³ E.H Hiebert and Kamil L.M, *Teaching and Learning Vocabulary: Bringing Research to Practicing* (London: Lawrence Erlbaum Associates, 2005).

⁴ Elfrieda H, Hiebert ND, and Michael L Kamil , *Teaching and Learning Vocabulary Bringing Research to Practice* (London: Lawrence Erlbaum Associates, 2012),p.3.

⁵ Chen C.M and Li Y.L, *Personalited Context-Aware Ubiquitous Learning System for Supporting Effective English Vocabulary Learning* (Interactive Learning Environtments, 2009).

used by students to understand English sentences, when making sentences students should know the words they want to use. The quality of the students' language to some extent depends on the quality of their knowledge of vocabulary. Based on the statement above, we can conclude that vocabulary is a list contains words with meaning in the language. It is clear to us that vocabulary is one of the most important things besides many factors in learning English. No vocabulary we cannot communicate well with the interlocutor, therefore vocabulary is an important component in English that must be mastered.

There are several aspects of vocabulary that must be learned or mastered by students in learning a foreign language, namely as follows:

1) Meaning of the word

The least problematic vocabulary problem, it seems, is meaning. The meanings include: polysemy, antonym, synonym, hyponym, and connotation.

2) Expanding the Use of Words

However, the word not only has a different meaning. They can also be stretched and rotated to suit different contexts and different uses. We said that someone was in the mood is black or someone is yellow, but we don't really describe the color. In such a context black and yellow means something else. It often stretches throw away our set of metaphors using idioms. For example: "You are an apple in my eyes" this idiom shows that he is starting to praise some Word Combinations. Although words can appear as single items combined in a sentence. (Mongoose bites snake), they can also appear in two or more groups of items (Reptile's usually lightning-fast reaction disappoints him). They often combine with each other in a way that a competent speaker of the language can do recognize instantly, but everything else often feel strange. Types of words that unite in one language often completely different from the types of words that coexist in other.

3) Word Grammar

The last one is about the grammar of the word used by distinguishing the use of words based on the use of certain grammatical patterns such as nouns, verbs, adjectives, adverbs, etc. We make a distinction between countable and uncountable nouns. The former can be singular and plural. We can say one seat or two seats, etc. From these statements, it can be concluded that there are several aspects of vocabulary: they are word meanings, expand word use, word combinations and grammar.

c. Concept of Vocabulary Mastery

Vocabulary mastery is always being an essential part of English. Mastery derived from the word 'master', which means to become skilled or proficient in the use of, to gain complete knowledge through understanding. Vocabulary mastery can be defined as a number of words in a language which contains information about meaning, form, and usage in context of communication. It is the basic knowledge that students should master first before mastering English. Vocabulary is knowledge of the meaning of words. So, all knowledge of the word is vocabulary. If we have a good vocabulary, we can communicate with others clearly and easily.

In addition, Hatch and Brown in Indiarti's journal also said that vocabulary refers to a list or a set of words that individual speakers of language might use.⁶ All the words in a language which has meaning that produced by human as the speakers' beings to express their mind. they use words in communication to convey meaning so that others can understand them.

⁶ Indiarti, 'The Effectiveness of Semantic Mapping Strategy to Improve Students' Vocabulary Mastery', *English Language Teaching. ELT Forum 3*, Semarang: Semarang State University 2014, p. 4.

To communicate, what information we want to convey will be accepted and understood by the listener if there is vocabulary.

Vocabulary also can be said as the thing to convey or share information. Furthermore, Thornburry says that without grammar very little can be conveyed but without vocabulary nothing can be conveyed.⁷ People can't communicate effectively because they don't know many of word they need. It is impossible to share thoughts or ideas without vocabulary, so the use of appropriate vocabulary with correct grammar is better surely. Without having proportional English vocabulary, students will get some difficulties in using English.

d. Types of Vocabulary

According to Thornburry, there are 4 types of vocabulary: a. Noun b. Verb c. Adjective and d. Adverb.⁸

1) Noun

Frank states that noun is the one of the most important parts of speech.⁹ A noun can be defined as a word used to name a person, place, or thing. By a thing here, it means that it comprises something which can be perceived by human senses, or that which cannot be perceived but can be thought of. There are several main types of nouns, namely common nouns (people, places, and things are called common nouns), proper nouns (names) certain people, places, and things), countable nouns and uncountable nouns, and plural nouns.

a) Common nouns

Are the names of everyday objects that we can hear, see and touch. These common nouns are:
People: Father, mother, baby, child, toddler,

⁷ Scott Thornburry, *How to Teach Vocabulary* (Harlow: Longman, 2002).

⁸ *Ibid*, p.4.

⁹ Marcella Frank, *Op. Cit*, p.6.

teenager, grandmother, teacher, student, man, woman, minister, businessperson, salesclerk, doctor, nurse, pilot, and singer. Animal: Cat, dog, tiger, lion, bear, bird, wolf, alligator, cricket.

Things: Table, pencil, book, iPad, handphone, computer, boots, pen, crayon, bag. Places: City, states, mall, market, park, hospital, country, coffee shop, zoo, restaurant, continent. Ideas: Envy, love, jealous, respect, pride, patriotism.

b) Proper Noun

Merriam Webster stated, a proper noun is a word or group of word. A proper noun is the name of a particular person, place, organization, or thing. There are some kinds of proper noun:

People: Rizky Febian, Natasha Willona, Kim Taehyung, Cha Eun Wo, Tiara Andini, Ariana Grande, etc. Place: Bandung, Yogyakarta, Menara Pisa, Ragunan, Gunung Merapi, Ahmad Yani street. Thing: Fossil, Bandung, Candi Prambanan.

c) Concrete and Abstract Nouns

A concrete noun is a noun that can be identified through one of the five senses (taste, touch, sight, hearing, or smell). Nouns that show concrete nouns are in the form of names of people, names of countries, cities, months in one year, companies, and etc.

Ex: "This bread is so delicious". The noun Bread is a concrete noun because you can touch, see, hear, smell or taste it.

Abstract noun is a noun in English that we cannot see its form, we cannot feel its shape, and we cannot smell or hold it with our five senses. Abstract nouns are usually used for nouns that are used as words that express an idea, concept, feeling, nature, or character of someone or something. There are so many abstract nouns, such

as happiness, hate, love, imagination, honest, sadness, and other nouns.

d) Countable and Uncountable Noun

Countable noun is used for things that can be counted using numbers. This noun has both singular and plural forms. The singular can use "a" or "an". Example:

Singular: a book, an apple

Plural: two books, five apples

Uncountable Noun is used for things that can't be counted using numbers. Uncountable nouns are used with singular verbs and don't have plural form. Examples: Water ,air ,rice ,sugar ,oil ,gas, etc.

2) Verb

A verb is a part of the backbone of any sentence, joining a noun or subject as one of the two absolutely necessary elements of a complete sentence.¹⁰ The verb describes an action or expresses a state directly or indirectly, visible or invisible. A sentence is complete only if it contains a subject and a verb. Most verbs describe actions, so they are called action verbs. Action verbs tell what a person or thing does. Here are common action verbs such as: cook, drink, swim, eat, etc.¹¹ Example: I work at home today.

3) Adjective

Adjective is a word used to describe a noun. Phyllis stated that adjectives describe noun and pronouns, adding color and clarity to sentences.¹² Adjectives are usually placed after nouns, for

¹⁰ Phyllis Dutwin, *English Grammar DeMYSTiFieD* (United States: McGraw-Hill, 2010).

¹¹ Howard Sargeant, *Basic English Grammar* (Essex: Saddleback Educational Publishing, 2010).

¹² *Ibid*, p.35

examples: diligent, beautiful, handsome, smart, brave, strong and fast.

4) Adverb

Adverb is an adverb that functions to describe a verb or adjective. Frank states that adverbs are words that describe or modify verbs, adjectives, and other adverbs.¹³ There are six types of adverbs, namely: Adverb of Time, Adverb of Place, Adverb of Degree, Adverb of Frequency, Adverb of Manner, and Adverb of Purpose.

a) Adverb of Time:

Is an auxiliary word used to provide additional information about times Example: My sister will study after she finishes dinner.

b) Adverb of Place:

It is an auxiliary that gives an answer about a place or a 'when' question in English. Examples of words from these adverbs are (above, away, below, down, here, inside, near, outside, there, up, and so on). Example: Her whole family moved to Makassar and they live there now.

c) Adverb of Degree:

Usually, this auxiliary is used to answer the question "how much". However, the question does not always ask about nominal, but can be used to question the intensity of an event. Example: We don't have much money but it doesn't stop make us being happy

d) Adverb of frequency:

Is used to answer how often the frequency of activities carried out by someone.

Example: He makes sure that I always finish my breakfast before I go to school

¹³ Marcella Frank, *Modern English a Practical Reference Guide* (New York: Prentice Hall, 1972).

e) Adverb of manner:

Is an auxiliary word that provides additional information about the condition of how an event occurred?

Example: I think I did the oral test well

f) Adverb of purpose:

Is an adverb that explains the purpose or reason for doing an activity or event?

Example: I went to Bekasi to visit my cousin.

e. Level of Vocabulary

Nation in his book “Teaching and Learning Vocabulary”, in Esna stated that teaching vocabulary is directly related to some other language activities. If learners need to cover the whole range of language skills, a productive vocabulary of around 3000 base words and a large receptive vocabulary are needed. Scott Thornbury state that they are the seventh level of vocabulary, there are.¹⁴

Table 2.1
Level of Vocabulary

Level	Words
Easy Start	200 Words
Level One Beginner	300 Words
Level Two Elementary	600 Words
Level Three Pre-Intermediate	1.200 Words
Level Four Intermediate	1.700 Words
Level Five Upper-Intermediate	2.300 Words
Level Six Advanced	3.000 Words

f. Teaching Vocabulary

In teaching vocabulary, the teachers should have some techniques in order to make students familiar with their vocabulary, so they will understand new word easily. The

¹⁴ Scott Thornbury, *How to Teach Vocabulary*, (England: Pearson Educational Limited, 2002).

functions of this technique not only to help the students grasp the meaning of the words quite easily, but also to vary the teaching activity in order to avoid the boredom of students in learning. There are techniques of teaching vocabulary: Alphabetical order: Even for a list of new words on the textbook page, alphabetizing way is appropriate in helping students to find a word Showing the meaning of the words through pictures, explanation in mother tongue, and definition in simple English. Drawing attention to meaning before filling the words, Studying further techniques: Put your practical suggestions aside for the moment, study list of different techniques of presenting the meaning of new vocabulary. Application & comparison: Identify which one or more of the techniques were used in your own idea for presentation.

Based on the explanation above, it shows that teaching vocabulary is how the teachers teach a list of a word with their meanings, especially in a book for learning a foreign language to the students. Also an activity when the teacher gives the students' knowledge about vocabulary and how to use it in daily life. Isn't only for daily life, vocabulary is very important to improve the student's skill in English.

2. Learning Media

a. Concept of Learning Media

The word "media" comes from Latin and is the plural form of the word "medium", which literally means "intermediary or introduction". Learning media is a tool that used by the teachers so that learning activities take place and effectively. So, Djamarah and Zain argues that "the media is a channel of learning information or a channel of messages". Meanwhile, Heinich in Arsyad stated "the term medium as an intermediary that delivers information between the source and recipient". As according to AECT (Association of Education Communication and Technology) in Azhar Arsyad

provides limitations the media as all forms and channels used to convey messages and information.¹⁵ Media shows its function or role, namely regulating effective relationships between the two main parties in the student learning process and lesson content.

Based on the opinions of the experts above, it can be concluded that the learning media is a tool or object used by the teacher to develop students' interest in learning and to help the success of learning activities. In this case, teachers, textbooks, e-learning and the school environment are learning media as a means of delivering learning messages which are carried out with direct learning models, namely by the way the teacher acts as a transmitter of information and in this case the teacher should use various appropriate media.

The process of learning is a process among learner, teacher and the materials. Everything that can be used to evoke thoughts, feelings, attention and abilities or skills of students so as to encourage the learning process. Learning process will not occur if there is no media. Learning media can provide a concrete and direct learning experience to students. So, students can feel and see firsthand the relationship between theory and practice or understand the application of science in the field.

b. Types of Learning Media

The media used in education are various. The media used in learning is adjusted with the learning material delivered. The various media in learning is visual media, audio media, and audio media visual. Description of the various media in learning, there are:

a. Visual Media

Visual media fosters students' interest in bridging the material content with the real world. Media

¹⁵ Azhar Arsyad, *Media Pembelajaran* (Jakarta: PT. R ajagrafindo persada, 2010).

visual are effective when they are in a meaning full context.

Visual media are: Charts, maps, pictures, drawings.

b. Audio Media

This is related to students' hearing. For example: Audio cassette player, *and* Radio.

c. Audio Visual Media

This is a medium that conveys learning messages in the form of sounds and images.

The examples of Audio-visual media they are television, film, and video.

It can be concluded that many types of media that can used in teaching learning process. We can use those media depend on our need. Then for the teacher, they are used to help teaching in the class.

c. Benefits of Learning Media

The benefits of media in learning process are facilitating interaction between students and teacher. So, the learning process will be efficient and effective. Hamalik in Azhar states that the main function of media in teaching learning process is to arouse students to desire and interest, build students' motivations and stimulate learning activity; even the media can bring psychology influence to the students.¹⁶

Moreover, Kemp and Dyton in Arsyad state that there were three functions of media, can be used for individual, group, or large group. They are:

1. It can motivate interest or action.
2. Students can receive messages through presentations they're hear or see.
3. The learning process will take place anywhere and anytime required.

¹⁶ *Ibid*, p.15

4. Learning becomes more interactive by applying learning theory and psychology received from student participation, feedback, and reinforcement.
5. Giving information
6. Giving Instruction.¹⁷

The learning media is expected to be useful for teachers and students. The benefit of media for teachers is that it can help clarify the material to be conveyed to students, as a perception between teachers and students. And the benefits of media for students it can help students to clarify and understand the orders / information conveyed by the teacher and can help increase students' motivation and interest in learning.

3. Audio Visual Media

Audio visual media is an auditive media and include the visual in one media that relies on sound and video visual in one thing so that the students can used the audio visual to see the visual and listen the audio in the same time and they needed to enjoy it.¹⁸ Based on the explanation above, Joox application are included in the use of Audio visual media because this media uses sound and visual lyrics elements (namely songs) in the Joox application. So that we can enjoy it by using the sense of hearing and seeing.

a. Definition of Song

According to Edgar, song is a piece of music that is sung. Futonge also said that song is a language package that combine culture, vocabulary, listening, grammar and also as a moderator for other language skills in just few rhymes. It can be written for one or more voices and generally performed with instrumental accompaniment. Song language is easy to understand. Moreover song is a

¹⁷ *Ibid*, p.19

¹⁸ Rusydiyah E.F, *Media Pembelajaran: Problem Based Learning*, ISBN: 978-602-332-115-5, p.122, 2020.

good tool that can be used in lesson. Because songs can provide relaxation in the learning process and make students learn more fun. It motivates and makes the relationship between teacher and student closer.

This relationship will make students have the courage to ask the teacher and songs can make it easier for students to learn vocabulary and remember new vocabulary. Listening practice using songs can make the learning process more interesting. With this, students will be more motivate to practice listening without any pressure in learning activities. Song are always related to music. Music is an important tool for relaxation in increasing learning effectiveness. Music is determined and chosen appropriately to help students in mastering the material easily.

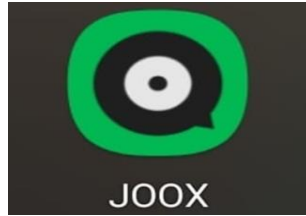
b. The Importance of Songs in Teaching Vocabulary

Using songs can be an alternative learning media because it can eliminate boredom experienced by students and teachers. Songs make students improve their vocabulary mastery. By listening the songs can improve students' focus and mastery of vocabulary that can be used for everyday interactions.

Students are not only able to pronounce words correctly but also can use these words to communicate with others. Writing activities can also be done with songs. After listening to the song, they can learn the correct spelling of the words they are learning by looking up the meaning of the word. Reading activities can also develop through songs because students read the lyrics and the meaning of the song.

4. Joox Application

a. Definition of JOOX Application



Picture 2.2
Joox Application

According to Heinich “using good teaching media can stimulate and trigger the students’ interest in learning practice”. Music is one of the media that can interest students’ participation. Some of them believe that by listening music can improve the motivation in learning English.¹⁹ Joox is one of the music streaming applications that released on January 2015 owned by Tencent. Bien Perez stated that, Joox itself is the biggest music streaming application in some country Asian markets such as Hongkong, Indonesia, Malaysia, Myanmar, and Thailand.

Joox users not only get a music streaming platform, but also entertainment. You can experience various content such as karaoke, video, and even peer to peer. Joox also presents Free-Radio content so users can listen to songs chosen by professional editors in the music field. Joox has provided more than 5 million songs from various countries for users to listen to.

The app is available in the form of mobile apps and websites, users can listen of two million songs and playlists of local and international choice for free, and download them for offline listening, (Handi).²⁰ Joox application offers the user features such as digital music,

¹⁹ Heinich al, R.et, *Instructional Media and Technologies for Learning* (Upper sadder river: New Jersey: Pearson education, inc, 1993).

²⁰ Handi, *Mengenal Aplikasi Joox Music-Aplikasi Music Streaming*, 2015.

podcast and video. The users who like to listen to the music can use the digital music feature. This platform is completed with many local and inter-local music. Then, the users can be read the lyric while they are listening to the music. A common function for users, lyrics is useful for people who like karaoke and sometimes forget the lyrics of a song they are listening to. Relating to the use of the Joox application, it can be implemented to the learners who find the difficulty to remember the vocabularies.

In this research hoped that by using the lyrics of this application the students can get new vocabularies from a song which listen. Then, the way lyrics work is by highlighting every phrase one by one. It is very useful for students' when they are listening. They will not feeling hard to remember the lyrics of song. Moreover, if the songs are new automatically the lyrics also new, the learners are doesn't to worry about the lyrics. The lyrics are available on their screen and enjoy the song. And, when the students are often to listen the song, the new words that get from the song will be easier to remember.

By the definition above, JOOX Music Application is a system designed to listening music online by using smartphone that complete with many kinds of genre song especially English and others. JOOX is one of application that can be used as a media in teaching learning English.²¹ In this research uses some songs that relate with the aspects of vocabularies, the songs that will use are three songs by using this application, besides the students' enjoy to listening music, they also can read the lyrics which included. So, it can help them to adding their vocabulary.

²¹ Astutik A, Hidayat N, and Rosyida I, "Joox Application as a Media to Improve Students' Pronunciation", *Research Dissemination for Community Development*, vol.2. issue 1, (2019).

b. Advantages and Disadvantages of Joox Application

JOOX is a great music app, made for those of you who want to listen to music anytime. Another way so that you can log in to the Joox application more quickly, can be directly connected to Instagram, Facebook, or WhatsApp account, etc. Now we will explain the Advantages of JOOX application: ²²

- 1) Free The students can looking up their favorite songs by using this application
- 2) Application easily fits to a wide range of learning environments
- 3) It presents a fund and challenging way to engage modern learner into learning.
- 4) The students can listened the pronunciation in the songs lyrics

The advantages of using Joox Application as follows:

- 1) Internet connection
- 2) There are limited of character use for the questions
- 3) Too many Ads

c. JOOX Music Application as Media for teaching vocabulary

So many students' have lack motivation in learning vocabulary because they find English difficult to understand and practice. English teacher should be responsible for the state of their students, so students' interest in learning English increases because the indicators of success teaching and learning activities is not only determined by the competence of the teacher and students but also with appropriate media. The appropriate media make it easier to achieve learning goals. Therefore, teacher as facilitators in learning process must find out ways to facilitate the easy vocabulary learning for the students.

There are many types of media that used in learning English, one of them is using song. Songs can be used as an effective alternative media for teaching vocabularies. Students can pronounce the vocabulary in the song lyrics. Learning by listening to songs increase the vocabulary mastery of the students', it can also provide real examples that are used to communicate in daily life. So, the students not only know but also master and produce words.

Based on the students' needs, this research provides JOOX Music Application as an alternative learning media for learning vocabulary in a relaxed and fun way. JOOX has several interesting features including providing millions of national and international songs that can be enjoyed for free, users can access JOOX radio which consists of several channels, provides recommended playlists for users, top chat features and paid features for VIP users. With this application, teachers can choose songs that have the appropriate vocabulary to teach. Students can also choose and listen to their favorite song by learning vocabulary using song from JOOX Music Application, students can improve their motivation to learning vocabulary in relax and fun way.

d. Procedure in Teaching Vocabulary by using Joox Application

According to Septiyani & Baihaqi there are some steps of using Joox application in teaching students' vocabulary as follows:

- 1) Pre teaching
 - a) The teacher makes a group for the students included 4 until 5 students.
 - b) The teacher add the students to open a JOOX Application and sign up to get an account
 - c) The teacher gives the students instruction to make a JOOX Application.

- 2) Activity
 - a) The teacher add the students to singing together with a joox application and lyric that present in front of the class
 - b) After that the teacher tried to translate of each lyric in the song
 - c) the teacher asks students to jointly interpret each lyric
 - d) The teacher gives questions in the form of multiple choices in the blank containing the songs that have been previously selected and some that must be filled in by students.
 - e) The students are instructed to carefully listen to the song and fill in each blank and choose an answer to the multiple choices that is already provides in the questions.
 - f) Based on the song you are currently listening to. After students write down some words that have been learned through the song, the teacher shows the correct words contained in the song then students are asked to match if they write the incorrect word. Then, the teacher asks students to choose a difficult word or a foreign word and write down the meaning of the word
- 3) Post Activity
 - a) The teacher and students make a conclusion about the material.²³

5. Concept of Textbook

a. Definition of Textbook

Textbook is a form of published printed material most commonly used as teaching and learning media in schools or any educational institution. It is one of the

²³ Rini Dwi Septiyani, Siti Hikmah & Akhmad Baihaqi, *The Influen of English song and Joox Application towards sudents vocabulary (A True Experimental study at the eight grade at SMP N 6 Serang)* journal of Sultan Ageng Vol .2 no,2, 2017. Jack C Richard. The Role of Textbooks in a Language Program. p.1.

most important media in learning and teaching process as it serves as a source and guideline to both students and teacher. For language learning, Richards mentioned that textbooks serve as the basis for much of the language input since learners receive and provide the content of the lessons, the balance of skills taught and the kinds of language practice the students take part in.²⁴ This explains why at all levels of language learning textbook is still taken as important resource among students.

Hutchinson and Torres state that “the textbook is an almost universal element of (English Language) teaching. It can be inferred that textbook is a published printed material that serve as a sources and guideline for teachers and students which contain exercises and reference in the form of schoolbook, course book, work book or subject book. Textbook is the most frequently used of all printed educational materials. The textbook becomes one of many aids to assist students in acquiring clear concepts of subject matter. According to Richards, “textbooks are used in different ways in language program.

For example, a reading textbook might be the basis for a course on reading skill, providing both set of reading texts and exercises for skills practice. A writing textbook might provide model compositions and list of topics for students to write about. A grammar textbook might serve as a reference book and provide examples as well as exercises to develop grammatical knowledge. A speaking text might provide passages for students to read and discuss. A listening text together with audio cassettes or CDs might serve as the primary listening input in a listening course. A textbook is usually seen an aid to teaching. It is simply one of many possible materials of learning because it helps the teachers and students to achieve the goal of learning.

²⁴ Biljana B.Radic Bojanic, Textbook in the EFL classroom : Defining, Assessing, and Analyzing. p.138

b. The role of Textbook

Textbooks has an important role in educational system, Oneill added the role of textbook as follows:

- 1) Firstly , all parts of textbook materials are appropriate for students need
- 2) Secondly, textbook makes it possible for students to plan for future learning and also review the previous materials or lesson.
- 3) Textbook provide materials which are well presented, which could be replaced by someone else
- 4) Finally suitable textbook allow teacher to adapt and improvise the material to meet the students' needs and also allow for natural interaction.²⁵

c. The Procedure of Textbook

The procedures of using textbook in the learning process are:

- 1) The first, the teacher will give the theme of learning and give some information about the theme.
- 2) The teacher will instruct the student to open the textbook that relate with the theme and ask them to write down the vocabulary that relate with theme.
- 3) The teacher will ask the student to mention the vocabulary and pronounce the vocabulary with the meaning that relate with theme.

d. Advantages of Using Textbook

A textbook has many functions. According to Thomson a textbook has many functions as follows:

- 1) Individualization of instruction a textbook helps students to individualize instruction by enabling them to precede their own rate and to a limited extent, according to what they are interesting in studying

²⁵ O'Neill, R. (1990) 'Why Use Textbooks' in Currents of Change in English Language Teaching, ed. Rossner and Bolitho, OUP

- 2) Organization of instruction a textbook helps students to organize instruction by providing experiences, suggested activities, recommended reading and question. Written textbooks give unity to classroom interaction and are graded to introduce new concepts or contents they build upon what has preceded.
- 3) Tutorial contribution a teacher often uses the textbook to help students learn how to read better, to study, to weigh evidence, and to solve problems.
- 4) Improvement of Teaching

Textbook is also regarded as a helpful utility which is used by teachers to improve their skills is teaching. Based on explanation above, textbook is a kind of visual aid in teaching learning process, it means that the function of a textbook is actually as one of the visual aids by teachers, when they are teaching and explaining the teaching materials. Besides, it also helps the students to get a better understanding of materials given by teacher.

e. Disadvantages of textbook

There are some disadvantages of using textbook in teaching vocabulary for English language learner based on O neil as follows:

- 1) The students sometimes difficult to understand the meaning of the textbook
- 2) The textbook usually has compared a corpus of spoken and written activity
- 3) The students are difficult to comparing the invariably, adjacency pairs of the language used in the textbook
- 4) As authentic materials the students usually had negative and positive motivation in learning by using textbook.²⁶

²⁶ O'Neill, R. (1990) 'Why Use Textbooks' in Currents of Change in English Language Teaching, ed. Rossner and Bolitho, OUP

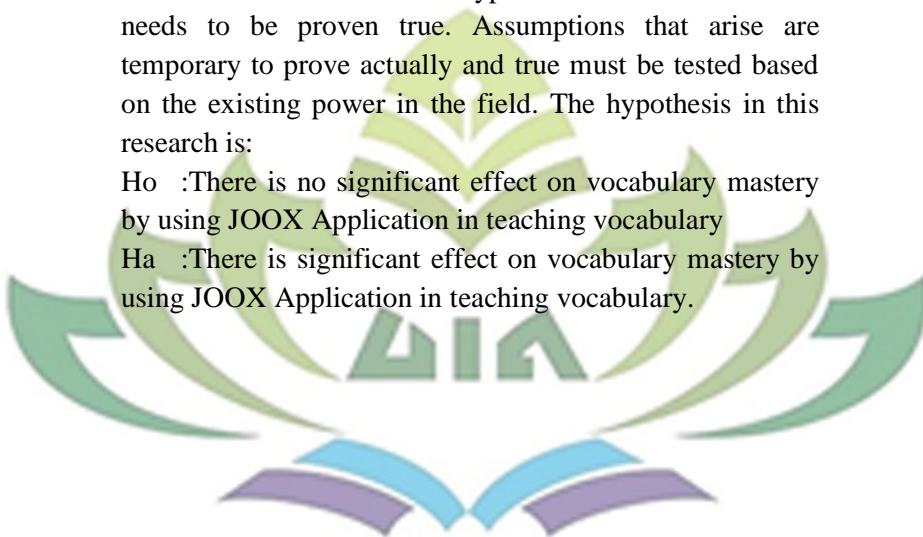
B. Hypothesis

The hypothesis is a temporary answer to the problem formulation research where the formulation of the research problem has been stated in question form. It is said temporarily because the answer that given is based on the relevant theory not yet based on empirical facts obtained through data collection. From theory above it can be concluded that the hypothesis is a statement that must be proven to be true an assumption that arises temporarily must be proven true.

Based on the opinion of the experts above the researcher concludes that a hypothesis is a statement that needs to be proven true. Assumptions that arise are temporary to prove actually and true must be tested based on the existing power in the field. The hypothesis in this research is:

Ho :There is no significant effect on vocabulary mastery by using JOOX Application in teaching vocabulary

Ha :There is significant effect on vocabulary mastery by using JOOX Application in teaching vocabulary.



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