CHAPTER I

INTRODUCTION

A. Background of the Research

English is a mean of communication language in the world because this language is the most wide used language. English is used for most international events and as an information medium in science, culture and technology. It can be said that English is the first international language. It must be realize that every school in Indonesia must be learned English. Thus, everyone must has adequate English language mastery. The next, the student must get English which involve four language skills, it can be said listening, speaking, reading and writing.

The four language skills are related each other, so it can be learned one language skill, other language skill will also involve. The basic thing that must be learned four skills and remember more vocabulary in english. Therefore, English vocabulary learning has a very important role in enabling Indonesian students to master English as a foreign language. If someone does not master the English vocabulary, he will not be able to communicate with the outside environment while in the current era of globalization, everyone is required to master vocabulary in order to communicate well. Vocabulary is a core component of language proficiency and begins with the vocabulary of every human being able to speak, listen, write and read.

Without extensive vocabulary and strategies for mastering vocabulary, students often do not have the potential in themselves because of lack of good communication skills. Therefore learning languages is very important, especially in mastering vocabulary. Mastery of vocabulary can be learned around them such as by using language in different contexts, reading, watching television, internet media, or electronic media.

According to Clouston (2013, p. 2) Vocabulary is the center of teaching English because without sufficient vocabulary students cannot understand others or express their own ideas. While without grammar very little can be conveyed, but without vocabulary nothing can be said. This is like the experience of writers with different languages without even grammar, with some vocabulary and an expression, the writer can communicate. Lexis is the core of the language or vocabulary of the language. Especially for students, it is important for students to develop greater fluency and expression in English, it is important for students to gain more vocabulary knowledge and it is important for students to develop vocabulary learning strategies.

Students recognize the importance of vocabulary for their language learning. As the author explained, students carry dictionaries instead of grammar books. Vocabulary teaching helps students understand and communicate with others in English.

Considering the large number of students who do not understand English and the lack of learning at school, researchers will do it at eight grade students in SMP Negeri 200 North Jakarta. It is also found that there are many students who have very limited vocabulary mastery. It was found that most students could not answer questions in English. The students asked the teacher to translate questions into Indonesian. In addition, another reason that causes problems is that teachers do not use the media in learning vocabulary. The teacher only asks students to read the material and find meaning from the dictionary. It makes students feel bored in learning vocabulary.

The teacher must provide interesting media to develop student activities in vocabulary learning. One of the media in teaching vocabulary is Duolingo. Innovative learning methods are found in the Duolingo application and this learning model can expand technological opportunities to teach and learn new things in new ways.

According to Latief (2019, p. 27) says that Duolingo is an online platform and mobile application that offers users a free and innovative way to learn new languages while at the same time unlocking online linguistic content through translation. Duolingo is designed to feel like a game and scientifically proven to be effective.

Duolingo has developed a computer adaptive test of English competency for non-native English learners. Duolingo also developed in smartphone as an educational application. Duolingo was launched their application in Android Operating System after successes became top five most-used education apps in the App Store.

In journal Castro, Marcedo, and Bastos (2016, p. 60) Duolingo is an application for cell phones or computers. It is one of the most famous and praised language teaching applications on the market. It has won several awards, it is available for Android, iOS, Windows Phone and web, it works in a very simple way and it is very useful for those who are studying English and several other languages, such as Spanish, Italian, German and Turkish. It can be used for at least five minutes a day, and the users define how they would like to practice it right from the beginning. The four skills, reading, writing, listening and speaking, are present during the learning process in Duolingo, through elaboration of questions, affirmative and negative sentences, small texts and excerpts to be heard and transcribed, and it is also possible to the students to record their own pronunciation to assess their oral performance.

Based on the argument, this study purpose to find the use of Duolingo application can improve student vocabulary achievement. The use of the Duolingo application is expected to solve problem and can help students and teachers in the learning process vocabulary. This research is also expected to know how to apply vocabulary learned through the Duolingo application.

B.   Question and Scope of the Research

1. Question of the Research

The writer formulates research question as follow :

Is there any influence using duolingo application toward vocabulary improving skill of the eight grade students in SMP Negeri 200 North Jakarta?

2. Scope of the Research

The scope of this study is limited to know the increase in english vocabulary on the ability of the eight grade students in SMP Negeri 200 North Jakarta using duolingo application.

C.   Research Hypothesis

The hypothesis of this research proposed use in the form of null and alternative hypothesis non directional, according to Creswell (2009, p. 134-135) research hypothesis below :

"A null hypothesis represents the traditional approach : it makes a prediction that in the general population. no relationship or no significant difference exists between groups on a variable. The wording is, "There is no difference (or relationship)" between the groups".

Ho : There is no significant difference in influence of using Duolingo application toward vocabulary improving skill of the eight grade students in SMP Negeri 200 North Jakarta.

"Alternative hypothesis non directional is a prediction is made, but the exact form of differences (e.g .. higher. lower, more, less) is not specified because the researcher does not know what can be predicted from past literature. Thus, the investigator might write, "There is a difference" between the two groups".

Ha : There is significant difference in influence of using Duolingo application toward vocabulary improving skill of the eight grade students in SMP Negeri 200 North Jakarta.

D.   Objective and Significance of the Research

1. Objective of the Research

This research to identify influence between using Duolingo application to improving toward vocabulary improving skill of the eight grade students in SMP Negeri 200 North Jakarta.

The purpose of this study is to determine whether there is an influence on the use of Duolingo applications in the process of learning English at eight grade students in SMP Negeri 200 North Jakarta in improving English vocabulary at school.

2. Significance of the Research

The significance of the research are :

1. The teacher

Based of this research, the writer expected Duolingo can be one of the media that it will be using by the teachers in terms of teaching

English vocabulary and to solve the problem of students difficulties in memorizing the meaning of vocabulary then it will make the learning process in classroom more interest and active for students especially of the eight grade students in SMPN 200 North Jakarta.

2. The students

For students, this research expected to provide mastering the English lesson by using Duolingo will make them feel exciting and enjoy when they learn English in classroom or at their home. Then, it can solve their problem in understanding the meaning of word in the sentence, because the teachers use the suitable media in teaching them as if it is like something new for them. Therefore, the students can use the duolingo everywhere and everytime because it will help them to memorize vocabulary and they can used those in everyday communication.

3. The further researcher

This research expected to give a new knowledge of the further researcher to do the better research of teaching and learning cases, and to solve the students vocabulary problems by something new, and also the teachers that have the similar problem with this researcher.

E.   Method of the Research

According to Creswell (2012, p. 16) In line with the research problem, the writer uses quantitative research, pre-experimental research with one

group pre-test and post-test in this research. There is only one class to be researched to know the students' vocabulary before and after the implemented the media. Quantitative approach is experimental strategy of inquiry, and pre- and post-test measures of attitudes. In this scenario, the researcher tests a theory by specifying narrow hypotheses and the collection of data to support or refute the hypotheses.

An experimental design is used in which attitudes are assessed both before and after an experimental treatment. The data are collected on an instrument that measures attitudes, and the information is analyzed using statistical procedures and hypothesis testing

According to Creswell (2012, p. 159-160) One group pre-test post-test design, this design includes a pre-test measure followed by a treatment and a post-test for a single group.

Group   01——————X—————— 02

X : represents an exposure of a group to an experimental variable or event. The effects of which are to be measured.

0 : represents an observation or measurement recorded on an instrument.

01   : Pre-Test

X   : Treatment

02   : Post-Test

In this experiment, a pre-test is needed to measure the level of students' ability before treatment. After the pre-test treatment was carried out, after the treatment was carried out post-test. a post-test was conducted to measure the increase in students' abilities after the treatment. If the post-test score is higher than the pre-test, this indicates that there is an influence between the use of the Duolingo application on improving student vocabulary. This research was conducted by the authors themselves by conducting experimental teaching using Duolingo at The Eight Grade Students In SMPN 200 North Jakarta.

F. Operasional Definition

The title of the research is *The Influence Of Using Duolingo Application Toward Vocabulary Improving Skill Of The Eight Grade Students In SMPN 200 North Jakarta* in the academic 2018/2019. Based on the title above, there are some of definition as they were referred in this study :

1. Duolingo

According to Guide for Leaders in Education book (p. 3) Duolingo is the world's largest online language learning platform. Adaptive learning techniques to make the language learning experience more fun, effective, and free. Duolingo application were recognized as Apple's iPhone App of the Year of 2013 as well as Google Play's Best of the Best of 2013 and 2014. It was created by crowdsourcing pioneer Luis von

Ahn, PhD, and Severin Hacker, PhD. With over 100 million learners, Duolingo has organically become the most popular way to learn languages online in only a few years. Duolingo for Schools is still quickly evolving based on constant testing and feedback from teachers, administrators, language learning experts, professors, parents, and students and we are creating more exclusive features designed to engage and excite.

2. Vocabulary

According to Richards and Renandya (2002, p. 255) says that Vocabulary is a core component of language proficiency and provides much of the basis for how well learners speak, listen, read, and write. Without an extensive vocabulary and strategies for acquiring new vocabulary, learners often achieve less than their potential and may be discouraged from making use of language learning opportunities around them such as listening to the radio, listening to native speakers, using the language in different contexts, reading, or watching television.

G. Systematization of the Research

Chapter I is Introduction, This chapter provides exploration about background of the research, scope and question of the research, the objective of the research, the significance of the research, and the systematic of the paper.

Chapter II is Theoretical Description, This chapter explains about the theoritical of the paper starts from learning Duolingo application towards vocabulary improving skill. This chapter will also completed by the conceptual of framework of each theory.

Chapter III is Methodology of the Research, This chapter clarifies about the time and place of the research, the population and the sample, the method of the research, variables, instruments, the technique of the data analysis, the procedure of the research, and the hypothesis submission.

Chapter IV is Data Analysis, This chapter present about the data description, the data analysis, the data interpretation,the discussion, and the implication.

Chapter V is Conclusion and Suggestion, In the last chapter, the writer makes the summary based on the previous chapter and gives some suggestion for the next development in the future.