

CHAPTER I INTRODUCTION

This chapter consist of background of study, research question, objective of study, research hypthothesis, the significance of study, scope and limitation of study, and definition of key term

A. Background of the Study

Vocabulary is a basic competency that must be achieved or learned by students in acquiring other competencies such as reading, writing, speaking, and listening. To communicate well, students need to have an adequate vocabulary because many meanings of new words are stressed very often. It is very difficult for student to master other competencies without good mastery and understanding of vocabulary. In learning English students must know about vocabulary, because by knowin the words, they will try how to use them and express their ideas and to communicate with others. (Hornby 2003).

And one of the technologies to overcome some of the difficulties in learning English is to have learning technique and media, so that students can enjoy learning English, especially in vocabulary mastery. To make learning vocabulary more fun and also more interesting, we can use media. The media that can be applied in learning vocabulary is using the Duolingo application. This app is a whole Education app which consist of many activities like reading, writing, listening, grammar and also vocabulary (Alqahtani 2015).

One of the important points in learning a language is mastering vocabulary target language. Moreover, there are several researcher who discuss more abaout the vocabulary important than grammar. Carter stated that vocabulary is knowledge of the word and meaning of the word(Carter and McCarthy 2014). Vocabulary is a basic competency that must be achieved by students in acquire other competencies such as reading, writing,

listening, and speaking. For to communicate well, students need to have adequate vocabulary. It will be difficult to mastering other competencies without mastering and understanding vocabulary well. Students must know about vocabulary in learning English, because by knowing word, they will try how to use them to express their ideas and communicate. In fact, vocabulary cannot be separated from other aspect language. Hornby stated that vocabulary as all the words that a person knows or uses when they are talking about particular subject in particular learning (Hornby 2003). Nation describes the relationship between vocabulary knowledge and language use and, conversely, language use leads to an increase in vocabulary knowledge (Nation 2001). One of the common problems found on EFL learner is vocabulary mastery particularly misspelling.

Based on the experience of teaching researcher to students of SMK Pawyatan daha 1 Kediri, there are several reasons for learning vocabulary difficult. The first problem is that students have difficulty using it vocabulary, such as pronunciation which they find difficult to memorize. After they acquire a few words, they must find it difficult to do the pronunciation is in a word or sentence. Also, many words that have the same meaning take advantage more difficult vocabulary. The second problem is that student don't focus enough class. For the most part, learning English consist of explanations of the teacher and lack of student movement activity. In this case, they just sat in their chairs listening to their teacher without anything else. Activity. Because learning is relatively passive and monotonous, then students lose focus and the vocabulary taught by the teacher is difficult to understand.

To overcome this problem, it can be suggested to the teacher has a variety of learning. Techniques and teaching media, so that students can enjoy learning English, especially in teaching vocabulary (Winkel 2007). Stated that Teachers as part of educational institutions have an important role that can be give a big influence on the achievement of good quality learning. Make so that learning vocabulary is fun and interesting, we can use the media. Media it is usually used

as an additional support in teacher centered teaching. One of the application that can be used for teaching vocabulary is Duolingo. It is an educational mobile application and also a website that consist of many activity with a mix of listening, reading, writing, vocabulary, grammar, with the option for speaking.

Students currently have an android as a tool that always accompanies them. So researcher take the opportunity of how their mobile phone can be used to be their daily study companions that can be done outside of school. Therefore, researchers suggest using the duolingo application. The Duolingo application is an Android based application that can improve your English skills. Apart from speaking skills, Duolingo can also improve other skills, susch as writing, reading, translating, listening to English, and learning grammar. This application method is like playing a game of course students rarely feel bored because learning is very interesting, and little unique. Based on the background of the problems abobe, the researcher conducted learning researcher using the Duolingo application.

There fore applications with the theme of education are packed into educational games. As well as lots of mobile applications that can be used as learning media, one of which is the Duolingo application. And Duolingo has the uniqueness that Duolingo is a foreign language based learning application which is quite popular in Indonesia beacause it is easy to use and is considered quite effective for improving foreign language skills. This applications provide various kinds of foreign languages such as Japanese, German, Chinese and many more, including English which can be learned and can be download for free via smartphone.

Therefore, researchers want to see how Duolingo influences and works application if the teacher applies it in helps them improve their vocabulary or not. Expect a positive atmosphere inside class. This can also be an alternative way to maintain students vocabulary.

B. Research Question

Based on the background of the problem above, it's necessary to analyze the using of Duolingo application in teaching vocabulary at the tenth grade students. The researcher formulate the research question as follows "Is there any significant effect of using Duolingo in teaching vocabulary to the tenth grade students of SMK Pawyatan Daha 1 Kediri".

C. Objective of the Study

In line with the problem formulation above, the objective of the research was to investigate the effect of using Duolingo apps in teaching vocabulary for the tenth grade students of SMK Pawyatan Daha 1 Kediri .

D. Research Hypothesis

The hypothesis of this research is as follows:

a. The Null Hypothesis (Ho)

There is no significant difference on vocabulary mastery between students taught by using Duolingo application and students taught by using powerpoint

b. The alternative Hypothesis (Ha)

There is significant difference on vocabulary mastery between students taught by using Duolingo application and students taught by using powerpoint

E. Significance of the Study

There two benefit of this research, namely theoretical and practical benefits. The expected results of this both theoretically and practically are:

1. Theoretical significant

The result of this study are expected to contribute to knowledge English, especially on teaching vocabulary via Duolingo application. They are also expected to contribute as a solution to the problem to learn vocabulary in class.

2. Practical Significance

a. For Teacher

Enter the teaching materials used in the Duolingo application learning as an alternative to ordinary learning. Besides that, it can also improve the skills and competence of teachers in carrying out the learning process make it more interesting.

b. For Students

For student to help students so that they can further improve their speaking skills in English vocabulary and can increase motivation in learning in class, it is expected to give an input to the students to improve their interest in learning vocabulary and also their knowledge about it.

c. For Future Researcher

To find out how far vocabulary skills will be improved by using the Duolingo application. And will students be interested in using the Duolingo application as their reference.

d. This research can be used as a source of knowledge new type of media for teaching and causes of teaching vocabulary through its students, and as a basic information for further study by other researcher interested in teaching English.

F. Scope and Limitation of Study

The limitation of this study is tenth grade students of SMK Pawyatan Daha 1 Kediri. This research focused to investigate the effectiveness of using Duolingo application in teaching vocabulary mastery for the tenth grade students in SMK Pawyatan Daha 1 Kediri.

G. Definition of Key Terms

The results of the research are expected to be useful for:

1. Vocabulary

Vocabulary is a core component of language and provides much of the basic how well learner speak, listen, read, and write. The authors hope that the Duolingo application can become one of the media that will be used by teachers in terms of teaching English vocabulary and to solve the problem of students difficulties in memorizing the meaning of vocabulary so that it will make the class learning process even more interesting and more active, especially in the tenth grade of Pawyatan Daha 1 Kediri Vocational School, Kediri City.

2. Teaching Vocabulary

In Teaching Vocabulary , the teachers should introduce vocabulary to contain words for persons and things in the classroom. The first stage of English learning is vocabulary lessons which usually contain words for persons and things in the classroom, words like boy, girl, book, pencil, window, door

3. Duolingo Application

This researcher is Duolingo application media will make student interested when learning English at class or home. Students can also solve problems in understanding the meaning of words in sentences. Therefore, the Duolingo application media can be used anywhere and anytime because it can help them to memorize vocabulary and used in daily communication.

4. PowerPoint

Power point is amultimedia-based program. This software provides facilities in the form of slides that can help in preparing a professional presentation and also easily. This makes it possible for school teachers to use it as a learning medium.