**CHAPTER I**

**INTRODUCTION**

This chapter covers discussion about the background of the study, research problems, objective of the study, Scope and Limitation, Significances of the Study and Definition of Key Term.

* 1. **Background of Study**

 A vocabulary is a set of familiar words within a person language. Vocabulary is content component of language proficiency to the students in learn write, read, listen and speak (Richard, 2002, p. 255). Nagy (1988) state that vocabulary is fundamental to comprehension of various text and that vocabulary teaching should be an integral part of language education. All of skills in English need a supporting component that is vocabulary. It conclude that in teaching vocabulary is not only to give the meaning of the word but teach how the word work on sentence, because there are many words have multiple meaning.

 The mastery of vocabulary become very important in the language teaching-learning process, because as we know vocabulary is word and it is one element that links four skills of listening, writing, reading, and speaking. Rubin and Thomson (1994, p. 79) they explained that without a good mastery in vocabulary, one cannot communicate or express ideas effectively. Poor mastery in vocabulary is also a barrier that prevents students to learn a foreign language. If student do not know how to expand their vocabulary, they will lose their interest in learning the language. Without a good mastery in vocabulary, one cannot communicate or express ideas effectively and efficiency. On the other hand, students who are poor in vocabulary will have trouble in developing the four language skill. Therefore, the teacher has to make to make the students interested in learning vocabulary. She has to teach in such a way that they will absord the lesson easily.

 In this era, technology as life style, not only teenagers but also children know how to apply it. One of the application that can help student easy to leam vocabulary is Duolingo. Duolingo is an application for cell phone or computer. Ignacio (2013) explains that Duolingo application is new media that can use in teaching vocabulary. Duolingo is mobile application launched in June 2012 to learn a language or free. We can use this application in teaching vocabulary because Duolingo can make students more enjoy and easy in learning vocabulary mastery process. Duolingo being as effective and efficient as any of the leading language learning software and very useful for study English and several language, such as Spanish, Portuguese, German.Italian. For translating the web, machine translation is not good enough and relying only on professional translators, far too expensive.

In Conclusion, Vocabulary is very important in academic learning, but many students did not success in vocabulary mastery, it is because the students less memorize about vocabulary. Duolingo application media in vocabulary mastery because it is can help students memorize vocabulary mastery better and easily. Duolingo application that provide us to learn English with easily.

Finally, based on the whole explanation about the researched is interested in this study. Furthermore, the researcher carries out the Research “The Effectiveness of Duolingo Application Media on Students Vocabulary Mastery at the SeventhGrade of SMPN 01Arosbaya” in the academic year 2018/2019" as well as to train the students to memorize vocabulary well.

* 1. **Research Problem**

 Based on the background of the study above, the research of the problem formulate as follow: do the students taught using Duolingo application have better vocabulary mastery than those not taught using Duolingo application?

* 1. **Objective of the Study**

Related to the statement of the problem above, the objective of this research is to know the effectiveness of Duolingo application media on the students vocabulary mastery at the seventh grade of SMPN 01Arosbaya.

* 1. **Scope and Limitation of the study**

The scope in this research is students at "The Seventh Grade of SMPN 01Arosbaya in academic year 2018 / 2019 who is applied Duolingo application media in learning vocabulary mastery. The limitation in this research is practically and methodologically. The practically limitation refers to the data about the students attendance and the methodological limitation refers to population and sample because the school which will be research only give two class.

* 1. **Significances of the Study**

 This study has two significances of study. Those are theoretically and practically. The result of this study is expected to be useful for students, teachers, researcher, and other researchers.

Theoretically, this study can give a contribution of effectiveness in teaching vocabulary mastery especially to enrich the students vocabulary of mastering English using Duolingo application media. On the other hand, it is expected to be references of next research in the same object.

Practical Significance, the researcher findings are expected to make a meaningful contribution both for teacher and student. For the teachers, the finding from the research are expected to provide a good alternative way or method for teaching vocabulary. For the students, this method can inspire and help them to memorize vocabulary mastery easily.

* 1. **Definition of Key Term**

The definition of key term in this research are explained as follows:

* + 1. Teaching

Teaching is giving someone about knowledge or helping to know about something (Brown H., 2007)

* + 1. Vocabulary

According to Linse and Nunan (2005, p. 129), Vocabulary is the collection words that an individual knows. Vocabulary is a list of a words or stock of a word used by person in language containing meaning.

1.6.3. Media

According to Ruis, Muhyidin, &Waluyo (2009), Media is the tool that used to help students in learning and make students interest and stimulate them to learn.

* + 1. Duolingo application

Duolingo is mobile application launched in June 2012 to help students Learn a language for free (Ignacio, 2013).

* + 1. Technology

Technology is skill, techniques, method collection that used in service or acientificknowladge