

# CHAPTER I

## INTRODUCTION

### A. Background of Study

In the world of education, technological developments and educational media are like two sides of a coin that cannot be separated. In this day and age, people are required to be able to speak foreign languages, because of the competition that will naturally occur in this era of globalization. In the digital age of technology like today, we as educators must be able to follow and be able to take advantage of technology to support activities in the field of education. This means that we as humans cannot be separated from technology. With the rapid development of technology like this, it is better than technology can be optimally utilized for advancement in various aspects of life. In the technological world, education is very useful for supporting learning activities both inside and outside the classroom.

In this era, people will not be separated from technology. Every day, people all over the world use technology-related things. Smartphones are one of the technologies that support education technology. The exponential growth of smartphone users has undisputedly made people increasingly rely on this technology, which may affect their habits in smartphone management, especially for students (Razzaq, *et al.*, 2018:

94).<sup>1</sup>. Using technology wisely can help learning activities be more effective, efficient and innovative. It is undeniable that the education world is affected by progress technology. Technology can bring many benefits in the field of education. For example, teachers can easily access the Internet and can easily search for teaching support materials through the Internet. These materials can be in the form of online articles, books, videos or soft copies of learning audios. As an auxiliary medium for teaching, many things can be accomplished using technology. Learning foreign languages through Internet software (the easiest platform) is no longer boring and difficult, you can use and reach many things, such as Duolingo. learning writing simple sentences through the Duolingo application will be more practical to do anywhere and anytime so that it can make students learn easier.

According to the researcher's interview with the English teacher during the observation of Mts Al Hamidiyah Kadukacapi, the researcher found that students are still lacking in certain writing areas. They encountered difficulties when they started writing, how to arrange words between words, and it was also difficult to find ideas in written form. Maybe it happens when students still think that writing is difficult to learn and definitely hinders their learning process. Less vocabulary and

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<sup>1</sup> Abdur Razzaq & Yulia Tri Samiha, "Smartphone Habits and Behaviors in Supporting Students Self-Efficacy", *International Journal of Emerging Technologies in Learning*, Vol. 13, No. 2, (2018), 94.

motivation is another problem for students. In order to solve these problems.

The low level of students' language skills is also a cause the difficulty of delivering material from teacher to student. In order for students to understand what the teacher is saying, in the end, the teacher often uses two languages in learning, with a comparison of using Indonesian more than English, or often the teacher uses English then continues with the delivery of sentences that he tells students in the translated language. Another difficulty faced by students is the difficulty of expressing ideas or ideas completely in English, the difficulty is based on low vocabulary, as well as understanding the structure of the language (grammar) is good and correct. Apart from these two things, students often complained about pronouncing difficult words. This has a major impact on the success of the process of achieving predetermined learning objectives.

To overcome this problem, it is necessary to have an update on every component of education, including learning methods involving the use of technology. Currently, all scope in the learning process cannot be separated from the presence of technology as a tool, including with the presence of technology for learning media. Learning media is a tool used to help convey messages, in this case from teachers to students. Therefore, the Duolingo application learning media should be able to attract interest and increase students' enthusiasm to be more motivated in learning.

Based on the above background, the writer is motivated to applying Android-based learning media in the Duolingo application for English subjects, especially simple sentences for second grade students of Mts Al Hamidiyah Kadukacapi.

## **B. The Statement of the Problem**

Based on the problem that is written in the background above, the researchers formulates the problem in research as follow:

1. How is students' writing ability on simple sentences?
2. How is teaching writing simple sentences using Duolingo application?
3. How is the effectiveness of Duolingo Application in learning simple sentences?

## **C. The Objectives of the Study**

Based on the limitation of the problem and the statement of the study above, the objectives of the research are:

1. To know students writing ability on simple sentences.
2. To know the teaching writing simple sentences using Duolingo Application.
3. To know effectiveness of Duolingo Application in learning simple sentences.

#### **D. Significance of the Research**

The result of this study is expected to be useful for:

1. This research is expected to be helpful in some aspects of the English teaching process. The significance of research will be useful for teachers, students, researchers and another researcher.
2. Theoretically benefits

Academically, the research results will help English teachers or researchers discover a new way to learn English and consider them as a reference for alternative media to improve students' skills.

#### **E. Previous Study**

There are some previous studies related to the topic, in this section the writer takes some previous studies as a reference that is reviewed to this study.

1. *“Improving Students’ Writing Skills through the Application of Synectic Model of Teaching Using Audiovisual Media”* by Ufi Ruhama’, Dewi Ismu Purwaningsih. *English Language Teaching Educational Journal (ELTEJ)* Vol. 1, No. 3, 2018, pp. 176-190.

The approach in the research is a Collect quantitative and qualitative, quantitative were used in analyzing the data. Analyze qualitative data from observations. Quantitative data was obtained from the test. This study was conducted in the second grade of MTsN

2 Pontianak. The total number of students in this research sample is 36 students. The survey in this research namely observation, interview and test. Observe the student's interaction with all activities in the classroom. The interview was done in a pre-research on English teachers. The purpose of the interviewee was to find out the written problems faced by students. In addition, students were tested to understand their progress, especially in writing. It consists of the pre-test and post-test of the previous session. A pre-test was carried out before implementing the method. The post-test is to understand the students' progressive descriptive writing ability. The result of this study is that data collected from interviews, observations and tests show that students' writing skills and attitudes towards learning English have improved. First, the researchers found that students had lower writing scores. Students face difficulties such as lack of vocabulary, using correct grammar and punctuation, using appropriate words and writing content. Their writing motivation is also very low, because this is the most difficult skill to learn. Related to these issues, the researchers applied the overall teaching model of audiovisual media.<sup>2</sup>

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<sup>2</sup> Ufi Ruhama', Dewi Ismu Purwaningsih. *"Improving Students' Writing Skills through the Application of Synectic Model of Teaching Using Audiovisual Media*. English Language Teaching Educational Journal (ELTEJ) Vol. 1, No. 3, 2018, pp. 176-190.

2. The second research taken from Candrasari (2015), conducted a research on “*The Use of Edmodo Website to Improve Students Writing Skill*”. The population was tenth grade students in the SMKN 1 Wonosegoro,

Technique of collecting data in this study is qualitative data and quantitative data. The qualitative data used in this research consists of questionnaire, documentation and field note. While for quantitative data the writer uses the scores from pre-test and post-test. This study was conducted in the first grade of SMKN 1 Wonosegoro. The total number of students in this research sample is 32 students. The data collection instrument in this study used a questionnaire, documentation, field note and test. The result of this research is the students could increase their vocabularies and could write good sentences in a descriptive text. The students are motivated, more active, and joyfull to write in English.

From the two previous studies above, there are similarities and differences to the research that I will examine, namely; Similarity in research analyzes the same object, namely improving students' writing skills. The difference is that the first study used audio-visual media and the second used the edmodo website. And this research is focused on

the implementation of Duolingo application to enhance students' writing simple sentences.<sup>3</sup>

#### **F. Organization of the Writing**

This paper is arranged into three chapters, every chapter has some points to explain the chapter.

Chapter I introduction, it contains the background of the study, statement of the problem, objective of the study, the significant of study, the limitation of study, previous study, and the organization of writing.

Chapter II is Theoretical frameworks, this chapter is consists of the theorist from some experts we have conducted the research related to this research.

Chapter III Research methodology, it contains method of the research, the site and time of study, participant and sample, the technique of data collecting , and the technique of data analysis.

Chapter IV explain about result of the research which consists of description of data, hypothesis testing.

Chapter V presents the conclusion and the suggestion.

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<sup>3</sup> Candrasari. "*The Use of Edmodo Website to Improve Students Writing Skill*". IAIN Tulungagung. 2015.