

## **CHAPTER I INTRODUCTION**

In this chapter describes of Research Background Research Questions, Research Objectives, Scope of the Research, Research Benefit and Definitions of terms.

### **1.1 Research Background**

As the system communication, language is a system that connect, which cannot be heard, seen, or touched, without sounds, letter or symbols (Schnee and Amanda). The influence of globalization has an impact on each sector such as the economy, environment and education so that the development of information is easily obtained (Mustakim and Lateh). As a branch of computer technology, AI is a technology that can assist students in understanding and responding in a way similar to human intelligence, with a very wide area of research such as media learning, science discovery, data science, language learning processes, image recognition and so on (Suzuki). This affects the use of technology in education such as the use of gadgets in the teaching and learning process. Technology is a tool to support teaching and learning activities that can be implemented in learning activities so that it can be a good approach (Xu et al.).

The use of technology is a social networking site that can make students learn effectively and interactively with an effective time. It is used in language classes (Jaganathan). Social networking builds learning media in the network and collaborates with students' material. Learning media used in the teaching and learning process can affect learning. During the learning process, it must be able to influence students in the learning process (Jaganathan). Media is a tool that teachers use in explaining, delivering, and transferring material to students (Hastomo and Pd). In January, 2013, more than 775,000 applications in mobile applications could be used to support potential individuals or groups in learning knowledge (Pure Oxygen Labs, 2013) as quoted by (Deng and Trainin) . One application that can be used to help develop vocabulary for students is the WordUp Vocabulary. This application was made on February 14, 2019. In this application there are many

collections of vocabulary that are very useful for eight grade students. This application also has feature to learn the vocabulary that has been learned or not, feature to review the vocabulary learned, feature to learn spelling. Therefore, this research focuses on one of artificial intelligence – WordUp Application to improve students' writing.

WordUp Application can also be used as a media tool in teaching writing that can add vocabulary. This application can be used inside or outside the classroom because this application uses an internet connection so that it can be used online. Vocabulary is a collection of many words that contain meaning and many factors learn vocabulary is difficult Thornbury, 2002 as quoted by (Dana Shejbalová). Learning vocabulary continuously will make learners to memorize and have a lot of vocabulary to help learners communicate and arrange grammar (Sartika). When teaching vocabulary, teachers are required to make vocabulary learning interesting (Mansye Sekewael and Wanti Josinta Maria Leni).

In Indonesia, many tribes also have different dialects based on the region. Most students in Indonesia also have a different language, so it is sometimes difficult to communicate and learn a second language naturally (Samad and Ismail). English is a second language and also one of the subjects in junior high school (Bastian and Al-Hafidz). There are four language skills and must be mastered by students such as listening, speaking, reading and writing. Students need to understand these four skills. Students must have difficulty in understanding when learning English at school. One of them is writing (Sinthianuary et al.). Writing is a language expression that can share letters, symbols, and words. Although, writing a person can convey knowledge, ideas, feelings and concerns for others (Salawazo et al.). Writing is one of the best skills to learn, writing is a difficult subject especially for students, because writing includes very complete aspects such as mastery of grammar, vocabulary and punctuation, besides those students must be able to express their ideas in writing for communication (Apsari).

Writing skills are one component of language skills that are very important. Writing is a productive skill because it can express ideas and opinions to others (emadwiandr). Writing skill is an instrument to express thought, feelings, opinion

and ideas about the experiences. Writing is a process of thinking. To learners, writing is a significant process that can be done to determine the process of learning a second language. In writing can also be able to express feelings in the form of sentences and words, from it can be found how interpret it, use it and write the language (Zamel, 1992) as quoted by (Paper) but some learners sometimes find it difficult to express their ideas in writing because of the lack of vocabulary (Batubara). In teaching writing, teachers must be more agile in teaching the writing process and be more specific in their learning strategies. It is very important for teachers to have many approaches in teaching and learning writing to students. However, teachers should also understand that helping students with theory alone is not enough to improve students' writing skills (Yildirim). Teachers need to use learning media of artificial intelligence (AI) in improving students' writing skills. As stated (Tafonao), the use of media must be able to improve the student learning process such as WordUp Application because besides being able to increase vocabulary and word pronunciation, it can also be used in teaching writing to improve students' writing skills. One form of writing that students learn in conveying ideas is writing recount text. Writing recount text is writing the past events or experiences. The purpose of the recount is to entertain the reader of the article (Knapp and Watkins). The generic structure of recount text is orientation, series of events, and re-orientation.

Some researchers who have conducted research also found the same problem and cause of students' difficulties in writing recount text. For example, (Shopiah and Anggraeni) found the difficulties with minimal vocabulary and placement of ideas in accordance with the generic structure of recount text to make the story interesting for readers and writers try to use scrabble game and effective to teach writing recount text. Therefore, this research focuses on how WordUp applications can be effective to improve students' writing.

## 1.2 Research Questions

On the basis of the background, the research questions are formulated as follows:

1. How is the effectiveness of using the WordUp application towards eight grade students of SMP Negeri 1 Belitang II?

## 1.3 Research Objectives

Based on problem above, the aims study can mention below:

1. To analyses the effectiveness of using the WordUp application towards eight grade students of SMP Negeri 1 Belitang II?

## 1.4 Scope of Research

This study only covered limited by two classes of eight grade students at SMP Negeri 1 Belitang II. For this study, the focus was on how the effectiveness of the WordUp application for Eight Grade's Writing Recount Text so that students can show progress in the end of the study. The population research is eight grade students of SMP Negeri 1 Belitang II.

## 1.5 Research Benefits

The result of this research will present contribution to English Teaching Learning are

1. Theoretical
  - a. The result of the research can be input in English learning processes in teaching writing skill.
  - b. The point of the result can used as the reference for those who conduct research in English Teaching Learning Process.
- 2 Practical
  - a. For teacher

The benefits of the research are that: they can improve the student writing skill, and the result can improve knowledge to teacher as the educator.

b. For students

The benefits of the research for the students are that they are able improve their writing skill.

c. For researcher

The research provides the information the media suitable to improve writing skill and information the point in same topic.

## **1.6 Definitions of terms**

a. WordUp Application

WordUp Application is an online application that can be connected with internet connection. This application was made on May 19, 2019. This application is very useful to help the teaching and learning process between lecturers and learners in learning vocabulary online.

b. Writing skills

Writing is the express feeling and idea in written. By writing, students can understand how to write the structure sentences and can understand the meaning written.