

CHAPTER I

INTRODUCTION

A. Research Background

Hadi has stated that skills in English are divided into two, the first is the skill of receiving information, the second is producing information (receptive and productive).¹ Receptive skills are a person's ability to understand what English is heard or read. In this skill there are two aspects, namely the ability to understand spoken text (listening) and the ability to understand written text (reading). While the skills to generate information (productive skills) is a person's ability to express ideas or messages in English, both orally and in writing. In this skill there are also two aspects, namely the ability to speak (speaking) and the ability to write (writing).

The skills of receiving information and producing information are complementary skills in learning English. To be able to communicate well in English, one needs to master both of these skills. Grammar is an important part of productive skills in English, especially in writing and speaking skills. An understanding of good and correct grammar is very important to be able to compose sentences that are clear and easily understood by readers or listeners. Therefore, learning good and correct grammar is very important in learning English as a whole.

Grammar is one of the significant elements to learn and master English as a foreign language. According to Herring,

¹Marham Jupri Hadi, Lombok West, and Nusa Tenggara, 'Berugak Alam Institute Dedicated to Effective Strategies To Enhance Your English Author Hadi , Marham Jupri Year Design Cover and Layouter by Emjeha Pages Publisher Berugak Alam Institute Adress : Jl . Napak Tilas No . 05 . Jurit Baru , Pringgasea , East', 05, 2014.

Grammar refers to the way words are used, classified, and structured together to form coherent written or spoken communication.² Grammar needs to be learned because it will make it easier for the learner to master and understand English. From the observations of students who learn grammar and students who learn language naturally; those who learn grammar make more mistakes, which is not done by those who learn naturally. But in the long run, people who learn grammar will be easier to become proficient than people who learn naturally. The importance of studying grammar in English returns to us. If we realize the great benefits we will get after studying English grammar, we will be happy to learn step by step and follow the rules. Apart from all that grammar is the key to success in learning English because grammar learning ultimately aims to apply the four language skills of speaking, writing, reading and listening.

In today's modern era, modern technology has developed very rapidly in human life. Various kinds of technology have been spread in many sectors, including in education, especially in the teaching and learning process. Developments in the world of education have also evolved along with the times, where the mindset of educators has changed from conservative to more modern. According to Ramli, Learning Technology is a systematic effort to design, implement, and evaluate the entire learning process for a specific purpose, and is based on research on learning and communication processes in humans that use a combination of human and human resources so

² Peter Herring, *Complete English Grammar Rules*, Farlex International, 1st edn (Createspace Independent Publishing Platform, 2016).

that learning can take place effectively.³ The presence of technology has changed and provided an easy and interesting way of teaching and learning. In addition, media and tools are also needed in learning English to help students learn the language effectively. In this era, the use of technology is definitely needed in learning English, one of which is learning grammar.

According to Suryadi, the role of technology in learning which is designed as a more effective and economical teaching goal is a very important communication role, because the nature of teaching technology is an effort to influence students so they can achieve educational goals.⁴ In learning grammar there are several techniques that can be used, starting from the old technique of reading a book or dictionary to the present technique of listening to songs or playing games. But not all students are interested in reading books, because currently high school students are more likely to spend their time using gadgets. Based on the observations of researchers when conducting PLP at SMAN 7 Kota Serang, they thought that grammar lessons were difficult, boring lessons, so their grammar competence was not good enough. This is one of the problems for educators in improving students' grammar skills due to the lack of students' desire to want to learn, especially to improve their abilities in the old technical way. Therefore, by paying attention to students' tendency to use gadgets, the authors make applications on gadgets as learning media called mobile learning and apply the use of

³ Muhammad Ramli, 'Media Teknologi Pembelajaran', *IAIN Antasari Press*, 2012, 1-3.

⁴ Antonius Jhonwilson Neno, 'Teknologi Dan Media Pembelajaran Pak', October, 2022 <<http://dx.doi.org/10.31219/osf.io/vzqx3>>.

the applications to students as a learning technique to be able to improve students' abilities and grades in learning English grammar.

In this case, the role of application media in the field of learning is needed as a tool to be able to foster one's interest in learning, especially learning English grammar to convey messages to users and can stimulate one's thoughts, feelings, concerns, attention. and the willingness to grow interest in learning. In the learning process, application media functions to improve the quality of learning, increase interest and willingness to learn English which is considered difficult, and assist users in receiving and processing information to achieve learning goals.

One of the application media that will be used is the English Grammar Book application. This application can provide input in learning English grammar, because this application has a lot of material and quizzes, besides that, this application is very interesting and easy to use. According to Miangah & Nezarat, mobile learning is easily possible by delivery of various learning materials or content to learners through the mobile devices.⁵ Based on the explanation above, the researcher presents the effectiveness of English Grammar Book application to enhance students' grammar competence.

B. Identification of The Problem

Based on the background of study above, the identification of the problems can be described as below:

1. The students' face some difficulties in learning about grammar.

⁵ Tayebeh Mosavi Miangah, 'Mobile-Assisted Language Learning', *International Journal of Distributed and Parallel Systems*, 3.1 (2012), 309–19 <<https://doi.org/10.5121/ijdps.2012.3126>>.

2. The students' have limited time to study grammar in class.
3. The students' do not practice grammar outside or inside the classroom.
4. The students' need interesting media in learning grammar.

C. Limitation of The Research

This research is limited to investigating the effectiveness of using the English Grammar Book application to enhance grammar competence, especially on the topic of type 0 conditional sentences by class XI students at SMAN 7 Kota Serang. It also investigates the difficulties students face, solving students' problems in learning grammar. Research data were collected through pre-test, treatment, and post-test with class XI students at SMAN 7 Kota Serang.

D. Research Question

Based on the background of the study, the formulation of the research question is stated as follow:

1. How is the student's competence in grammar before being given treatment using the English Grammar Book application?
2. How is the effectiveness of the English Grammar Book application to enhance students' grammar competence, especially in learning type 0 conditional sentences?

E. Objectives of Study

From the background of the study above, the researcher has objective of the study. The objective of the study in this research is:

1. To describe student's competence on grammar before being given treatment using the English Grammar Book application.

2. To find out the significant effect of using the English Grammar Book application on students' grammar competence, especially in learning type 0 conditional sentences.

F. Significance of Study

1. Theoretically

Theoretically, this research is expected can provide information and knowledge for the readers about the effectiveness of English Grammar Book application to enhance students' grammar competence.

2. For the Researchers

This research is expected can provide great information and also can be one of reference to complete the further research from other researchers who want to create research in the same field of study.

3. Practically

Students' have motivation in the learning activity, especially by using English Grammar Book application as a media to enhance their grammar competence.

G. Previous Study

In this study, the researcher using several previous studies that are related to this research. It can be found in the following statements:

The first review related to this study, and the title is The Use of Grammarly Application to Improve Students' Grammar Mastery at SMAN 18 Makassar by Dahlia Hasan. This research focuses on the implementation of the Grammarly application as a learning media to improve students' grammar mastery especially tenses simple present tense. It focuses on using the free version of Grammarly. This research conducted with a pre-experimental research design. Based on the results of research on learning tenses, this shows that the use of the Grammarly application provides significant progress in students' mastery of tenses, especially the simple present tense. This is also evidenced by the results of the average score of students before and after treatment has increased. This is evidenced by changes in student scores on the pre-test and post-test, the average value, and the standard deviation. Concerning the findings and discussions of the study that the writer gathered at the eleventh science 2 grade of SMAN 18 Makassar the academic year 2021/2022, the writer concluded that the use of Grammarly as a media can increase students' grammar mastery. It was proved by the students' score obtained of post-test was higher than pre-test. It means that there was a significant improvement in the students' grammar mastery, especially the simple present tense.

The second review related to this study, and the title is The Effect of *English Grammar Test* Application on Students' Grammar Mastery of Past Tense at The Eighth Grade of Junior High School which has been researched by Dinda Dwi Tifani. The researcher used quantitative method to answer the formulation of the problem. According to the result and

discussion of this research, English Grammar Book Test application gives positive effect on the students' grammar mastery at eighth grade of Junior High School, especially at MTs Islamiyah Perkebunan Tanjung Kasau. The significant effect of this research can be seen from the average of students' post-test which has different score where the experimental class can obtain 79,60, meanwhile the control class only can obtain 71,47. Afterwards, the significant also can be seen from the analysis of data that shows $t_{observed} (t_o)$ is higher than $t_{table} (t_t)$ in the significant level of 0,05 ($3,839 > 2.001$).

Therefore, it can be concluded that H_a is accepted and H_o is rejected. It means that there is significant effect of English Grammar Book Test Application on students' grammar mastery. In another word, English Grammar Test Application can improve students' grammar mastery. The successful of using this mobile device as a medium in teaching and learning is supported by the simple operation and some interesting features of this application which can attract the students' attention. It is showed from the great enthusiasm and actively involvement in teaching and learning process because they can use this medium easily.

The third review related to this study, and the title is Using Quizizz Application to Enhance Students' Grammar Competence by Dyah Supraba Lestari. This research focus on problem in grammar competence. The researcher used qualitative method. According to the researchers, based on the pre-test and post-test scores, we can conclude that using quizizz had helped students improve their grammar competence. The majority of

students had positive perception toward Quizizz. They found that quizizz is interesting and helpful for them to learn grammar. They like the features on quizizz such as music background, memes, power-ups. On the other hand, most of students dislike the time limitation setting, especially when they did the post test. It gave them some anxiety so that it also affected the post-test result.

The fourth review related to this study, and the title The Effectiveness of Cake Application in Improving Students' Grammar Mastery at SMP Kartika Ix-1 Makassar by Fajaria Vita Sawerigading, Fentry Hernaningsih Ruing, and Rahayu. This research focus on problem in grammar mastery. The type of research used was quantitative research method. The subjects of this study were second grade students of SMP Kartika IX-1 Makassar. The stages of this research consisted of recording and analyzing the results of the pre-test and post-test before and after the implementation of using Cake in learning English especially grammar in the classroom. The results of the collected data were then calculated using the Paired Samples T-Test. Based on the data obtained, it can be concluded that the Cake application gives a high result in Grammar Mastery of the second-grade students of SMP Kartika IX-1 Makassar. This is proved by students' significance value (0.000) which has a good increase in learning outcomes.

There are similarities and differences between the previous studies and my study. The similarities between previous studies and this study are discussing developing students' grammatical abilities using application media. The differences

between previous studies and this study are the previous studies located at MTs Islamiyah Perkebunan Tanjung, Muhammadiyah University Tangerang, SMPN 34 Pekanbaru, and SMA Negeri 18 Makassar. While my study took place at SMAN 7 Kota Serang. In previous studies, some used qualitative and quantitative methods, while my study used quantitative methods. In previous studies, it has been investigated that the Grammarly, English Grammar Test, and Quizizz applications can improve students' grammar competence. Meanwhile in my study, I wanted to examine the effectiveness of the English Grammar Book application on students' grammar competence, because in this technological era there are various digital platforms that can be used as learning media, especially in learning English.