

## CHAPTER V

### CONCLUSION AND SUGGESTION

This chapter contains the conclusion and suggestion the researcher found in the research

#### 5.1 Conclusion

The goal of this study is to gather empirical evidence about the impact of the Duolingo app on students' vocabulary mastery in the tenth grade at Jambi City's High School 11 throughout the academic year 2021–2022. It also serves as evidence for the idea in question and associated research.

After the investigation is completed, the results are gathered, and the statistics show the value of  $t_{observed} = 3.484$  and the value  $t_{table}$  is 2.00. After comparing the two by value of degree of significance the researcher finds that  $t_{observed}$  is higher than  $t_{table}$  ( $t_{observed} > t_{table}$ ,  $3.484 > 2.00$ ). Considering that  $t_{observed}$  exceeds  $t_{table}$ , the alternative hypothesis ( $H_a$ ) was accepted and null hypothesis ( $H_0$ ) is rejected. This means there is a positive effect in using Duolingo in Experimental class compared to the Control class using conventional method that didn't use it.

Students seem to enjoy using the application implemented on the Experiment Class. Since it's a new approach of learning for them and it feels much more fun and engaging in learning for them to start the Vocabulary Mastery in Class. And based on students from Control Class seem to be curious about the application itself afterwards

And finally, the researcher concludes that the use of Duolingo app is effective through students' Vocabulary Mastery, specifically for tenth grade students of High School 11 Jambi City academic year 2021/2022.

#### 5.2 Suggestion

After finishing the research, the researcher found that the Duolingo app is quite useful. Suggesting and teaching the teacher at school of using the Duolingo app too in the future, and make their teaching session more creative and fun so the student itself would be happy and always excited to learn and in the end they would gladly accept new knowledge everyday with all those fun ways of learning. Especially in this digital era even the senior teacher had to learn a bit to use the new method of teaching from using gadget like phone all the way to using laptop and projector to make teaching more interactive

Researcher has suggested both the Experiment Class to continue learning with the app itself themselves to polish and learn more and since there's other language beside English from Japanese to Latin. As for Control Class, Researcher also suggests them to use and try the app in the future if they are curious about the app.

Also with the presence of Duolingo, students would've have a new media in learning especially in learning English subject and make it much more fun. The app itself also available for other language and have fun ways of teacher the user in it

This research is hoped to give some new information for people that seek knowledge and more also as a reference. As always, there must be a lack here and there, the researcher

hope maybe there would be another researcher that have the same topic would fill the gap of the research

