CHAPTER V

CONCLUSION AND SUGGESTION

This chapter represents conclusion and suggestion. This conclusion is referred to the results of the descriptive data showed in the previous chapter. Then suggestions are given to teachers, students and other researchers who need to know the Duolingo application to improve students' vocabulary mastery.

A. Conclusion

The research conclusion which is done at MTS Subulussalam Sriwangi used Quasi experimental research design whose sample is taken from VII A as the experimental class and VII B as class control class. The experimental class means that the researcher taught using Duolingo application while the control class means that the researcher taught without using Duolingo application. This research aim to identify the effectiveness of Duolingo application in improving students' vocabulary mastery.

The research findings are accumulated from the result of pre-test and post-test in both experimental and control classes which have been already displayed on the table in previous chapter. The mean score for the post-test in the experimental class was indicated 78.46 and the mean score of posttest in the control class was 71.80. It can be described that the post-test score in experimental class is higher than control class, which indicates that students' vocabulary mastery has significant improvement when taught using Duolingo application than conventional strategy. Meanwhile in t-test data

analysis, it can be proved that the result of sig (2-tailed) is 0.009 which is lower than $\alpha = 0.05$ (5%). Therefore, the final conclusion of this research is stated that the (Ho) or null hypothesis is rejected and the (Ha) or alternative hypothesis is accepted. It can be said that Duolingo application can improve students' vocabulary mastery effectively. Another impacts of this application also gives the fresh air to the educational system in learning English with fun and joy.

B. Suggestion

As the conclusion before, the writer would like to give some suggestion to the teacher, students, and the next researchers:

1. For the teacher

In this research concludes that Duolingo application is effective in helping students learn vocabulary. The teacher is suggested to use this application as new style of teaching media.

2. For the student

From this research proves that students feel more joy and fun in learning and remembering a lot of English vocabulary. By this Duolingo application, students can learn and access the appliation wherever and whenever they want not only in the class. Therefore, for the students who are luckily chosen in experimental class is wished to continue learning to the next level on Duolingo application then you have to recommend this application to other friends in your school.

3. The next researcher

   For the next researcher which is interested in observe about Duolingo application is suggested to take the sample from the English course students which usually has a fun conventional strategy in learning English. It can be more challenging to know whether this application can be still effective or not.