**ABSTRACT**

***Nisa’, Khoirun****. 2018. The Effectiveness of Duolingo Application Media on Students Vocabulary Mastery at the Seveneth Grade of SMPN 02 Arosbaya. Thesis, English Education Department, STKIP PGRI Bangkalan. July 2018. Advisor 1: Arfiyan Ridwan,M.Pd and advisor II: Chairuddin, M.Pd.*

***Key Words****:* *Vocabulary Mastery, Duolingo Application, Media, Technology.*

*Vocabulary is one of the most important aspect in learning English. Students of the seventh grade of SMPN 01 Arosbaya feel confused when the teacher teaching them using English. They do not understand what the teacher talking about. They need the teacher to translate it into Indonesian. Also, they feel bored with the media which is used by the teacher to teach. They need a new media to make them interest to learn English. Therefore, the researcher wants to teach them use a new media which is fun and easily to understand. The objective of this research to investigate the influence of duolingo application media on the student’s vocabulary mastery at the seventh grade of SMPN 01 Arosbaya. The strategy is intended for the English teacher to use a better strategy in teaching vocabulary.*

*This research use experimental research. The researchers use a quasi-experimental research type. The experimental group give the special treatment using duolingo application media. The control group give the conventional strategy namely textbook-based as the teacher usually does. The population in this research is nineth classes from seventh grade and take 32 students from class VII-B as control group and VII-B as experimental group in SMPN 01 Arosbaya. Based on the data analysis by using Analysis of Covariance (ANCOVA) test from SPSS 23, the result of ANCOVA test from p-value was 0.005. It is lower than the level of significant (0,05). If p-value<from the level of significant (0,05).*

*It means that Ha was accepted and H0 was rejected. It can be concluded that learn duolingo application can be effective media to teach vocabulary to the seventh grade of SMPN 01 Arosbaya in the academic year 2018- 2019.*