

ABSTRACT

**THE EFFECT OF USING DUOLINGO APPLICATION ON
STUDENTS' ENGLISH VOCABULARY MASTERY AT SMPN 3 NATAR**

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The aims of the research are to find out if there is a significant difference in students' vocabulary achievement after being taught through the Duolingo application and students' perceptions after being taught through the Duolingo application. The design used in this research is One group Pre-test and Post-test design. The design used in the qualitative approach is descriptive qualitative analysis. The sample consisted of 27 students in class VIII A of SMP Negeri 3 Natar. The Instruments are vocabulary tests and interview questions. The data are in the form of scores taken from the pre-test and post-test. The results of this research show that students' vocabulary have increased which is influenced by the use of Duolingo. It is proven by students' vocabulary score gain is 17,97 from 56,66 in the pre-test to 78,85 in the post-test. It also can be seen from the value of the t test is 15,64 higher than t-table which is 2,052. Furthermore, the result of the interview shows that students found it easy and fun when learn vocabulary by using of Duolingo application. Therefore, it can be concluded that students have different perceptions when using the Duolingo application in classroom learning and the Duolingo application provides a positive impact on students when applied in class as a learning medium.

Keywords: *Vocabulary, Duolingo Application, Teaching, Improving.*