

**THE IMPACT OF DUOLINGO ON VOCABULARY MASTERY AMONG
11TH GRADE STUDENTS AT MAN 1 KOTA KEDIRI**

Presented to:
Islamic State University of Kediri
in Partial Fulfillment of the Requirements
for the Degree of Sarjana in English Language Education



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2026**

COVER PAGE
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THESIS

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I hereby declare that the thesis and the work presented in it are my own and it has been generated by me as result of my own original research. It does not incorporate any materials previously written or publish by another person except those indicated to quotations and references. No portion on this work has been submitted in support of an application for another degree of qualification of this or any other university or institute of higher education. Due to this fact, I am the only person responsible for the thesis of there is any subjection or claim from others.

This thesis is to fulfil requirement for the degree of Sarjana (S1) in English Study Program, State Islamic University of Kediri.

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DEDICATION

1. First of all, I would like to thank Allah SWT, who has always granted me His blessings and grace, allowing me to complete this thesis.
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MOTTO

“Orang tua adalah Tuhan yang nampak bagimu”

(Muhammad Gustaf Airmanda)

ABSTRACT

Airhatti, Dd. L. (2025). *The Impact of Duolingo on Vocabulary Mastery Among 11th Grade Students at MAN 1 Kota Kediri.* Thesis. English Department, Faculty of Education and Teacher Training, State Islamic University of Syekh Wasil Kediri. Advisor: (I) Prof. Dr. Fathor Rasyid M.Pd. (II) Dr. Ima Fitriyah M.Pd.

Keywords: *Vocabulary Mastery, Duolingo Application, Learning Application*

One of the main difficulties Indonesian high school students have when studying English is a limited vocabulary. Limited vocabulary mastery is frequently caused by traditional teaching approach and low student focus, which ultimately impacts their total language proficiency. which therefore affects their total language skills. To overcome this problem, the researcher using Duolingo to find out students' vocabulary mastery among 11th grade students of MAN 1 Kota Kediri.

The study employed a quantitative method using a quasi-experimental research design. A total of 60 students participated, 30 students of experimental group and 30 control group were the sample of this study. The experimental group used the Duolingo app, while the control group relied on video explanatory. Data were collected through pre-tests and post-tests consisting of 25 multiple-choice questions. ANCOVA was used by researcher to analyze the data using SPSS version 25.

The findings indicate a significant effect in the vocabulary scores of the experimental group. The ANCOVA results showed a significance value of 0.002 (Sig. < 0.005), confirming that the difference is statistically significant. Therefore, the use of the Duolino application is proven to be an effective digital learning tool for vocabulary mastery in education. From this study, teachers can develop more interesting vocabulary lessons in class by incorporating interactive games learning systems like Duolingo. In conclusion, the use of Duolingo application is effective towards students' vocabulay mastery.

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