

**THE EFFECTIVENESS OF DUOLINGO FOR STUDYING
VOCABULARY OF THE STUDENTS X E3 AT SMA NEGERI 3
SAMPIT**

THESIS



**ENGLISH LANGUAGE EDUCATION DEPARTMENT
FACULTY OF TEACHER TRAINING AND EDUCATION
UNIVERSITY OF MUHAMMADIYAH MALANG**

2025

**THE EFFECTIVENESS OF DUOLINGO FOR STUDYING
VOCABULARY OF THE STUDENTS X E3 AT SMA NEGERI 3 SAMPIT**

THESIS

**This thesis is submitted to meet one of the requirements to achieve
Sarjana Degree in English Language Education**



By:

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2025

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MOTTOS AND DEDICATION

MOTTO

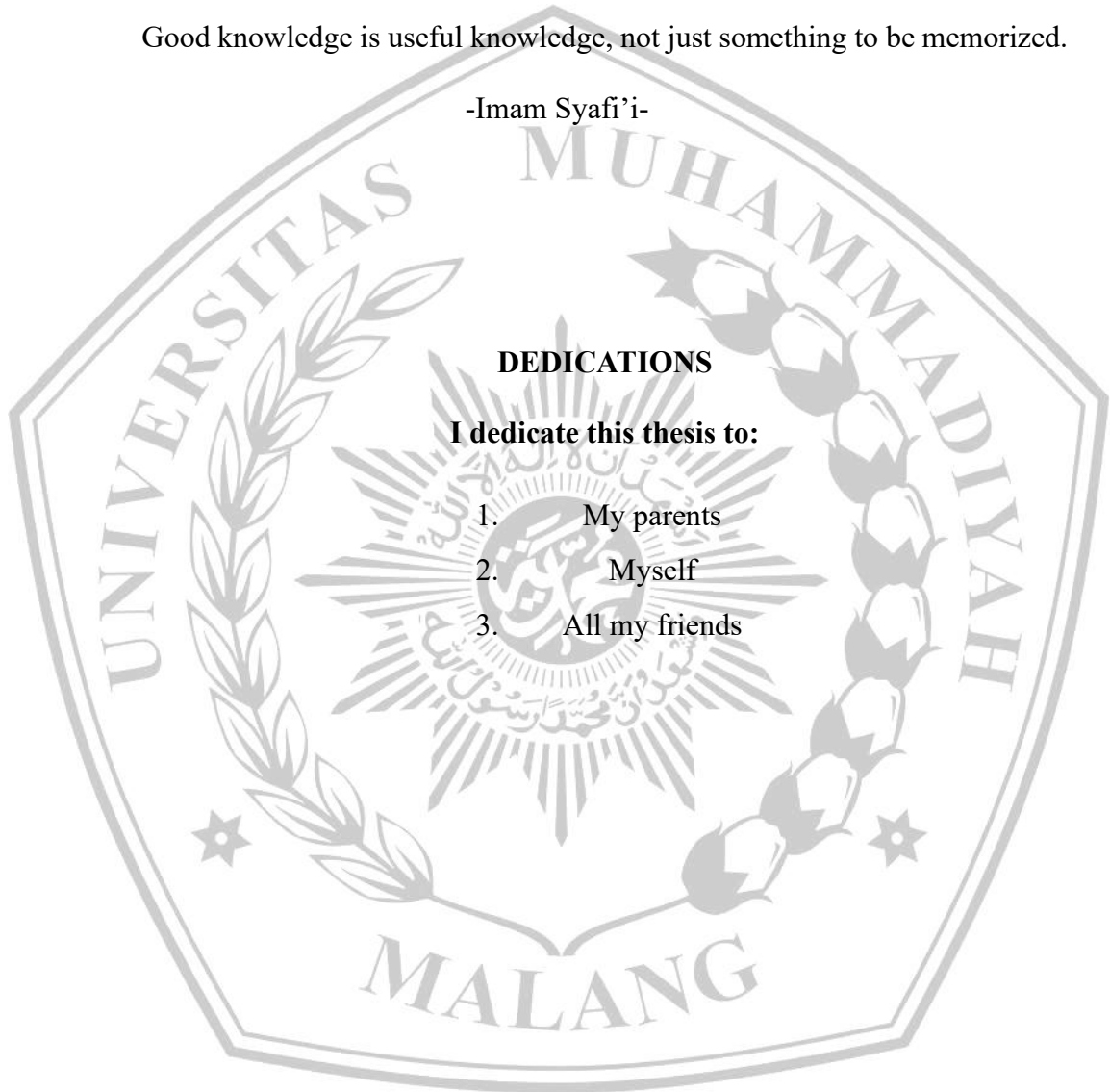
Good knowledge is useful knowledge, not just something to be memorized.

-Imam Syafi'i-

DEDICATIONS

I dedicate this thesis to:

1. My parents
2. Myself
3. All my friends

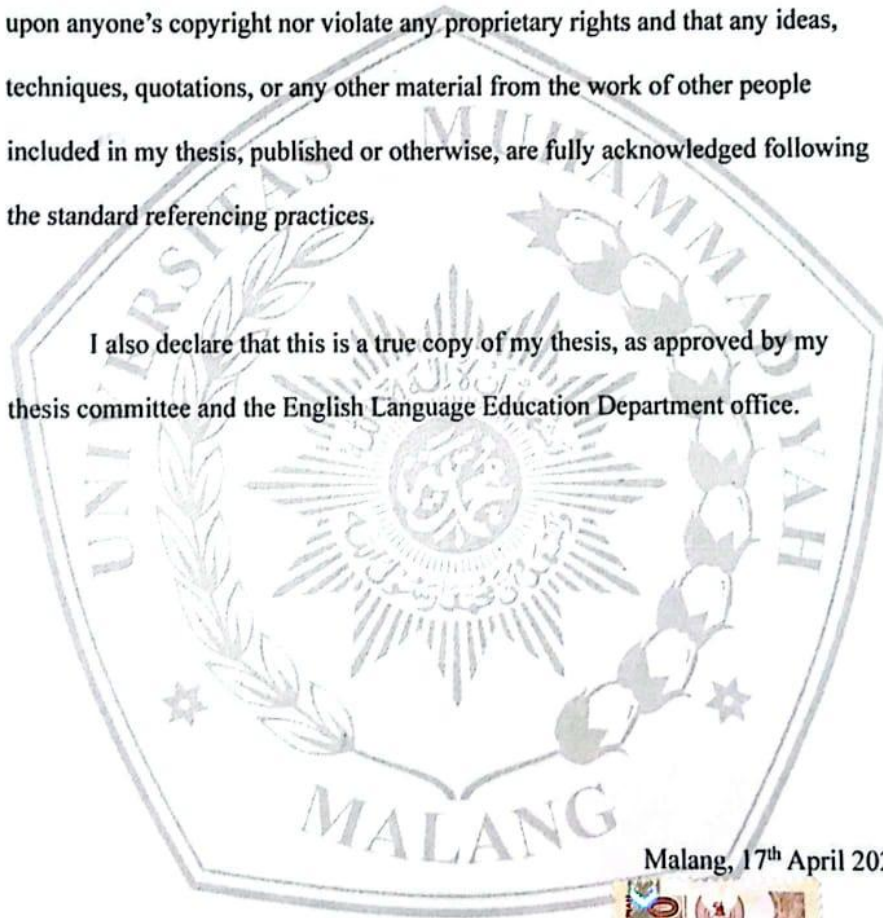


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Malang, 17th April 2025



Khoirunnisaa Afifah Hanuun

**The Effectiveness of Duolingo for Studying Vocabulary of The Students X E3
at SMA Negeri 3 Sampit**

ABSTRACT

Khoirunnisaa Afiifah Hanun (NIM: 201910100311003). The Effectiveness of Duolingo for Studying Vocabulary of the Students X E3 at SMA Negeri 3 Sampit. Thesis English Education, Faculty of Teacher Training and Education, University of Muhammadiyah Malang, 2025.

The purpose of this study is to find out factual data on the effectiveness of using the Duolingo application on students' vocabulary mastery. This study used a quasi-experimental research method. To conduct this research, 68 total students from classes XE 1 and XE 3 of SMA Negeri 3 Sampit in the academic year 2024/2025 were selected as samples in this study. They were XE 1 as the control class and XE 3 as the experimental class. Each class consisted of 34 students. Duolingo application was used as an assistive learning media in the experimental class, while the control class received material presentation from the teacher, assignments, and some quizzes. Based on the results of the calculation, the average post-test score of the experimental class was 82.85 while the control class was 76.26. The results of statistical hypothesis testing using the independent T-test show that at the 5% significance level ($\alpha = 0.05$), t observe is 3.92 while t table is 1.99 or t observe $>$ t table. Therefore, H_0 is rejected and H_a is accepted. Furthermore, Cohen's formulation was used in measuring the effectiveness of using the Duolingo application, and the result was 1.28. The results of this study indicate that the use of the Duolingo application is effective in students' vocabulary mastery and has an influence on students of class XE 3 SMA Negeri 3 Sampit in the academic year 2024/2025.

Keywords: Vocabulary, Duolingo

Advisor



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The Researcher



Khoirunnisaa Afiifah Hanun

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

We are grateful for Allah SWT's Favor and direction. We pray that the researchers will finish their final assignment, "The Effectiveness of Duolingo for Studying Vocabulary of the Students X E3 at SMA Negeri 3 Sampit." We also pray for the Prophet Muhammad SAW to get sholawat and salam, and maybe on the last day, we may receive his intercession.

The researcher would like to thank everyone who helped make this thesis research go smoothly, as they finished writing it to complete the undergraduate final assignment. They feel that without their support and assistance, they would not have been able to finish this thesis as quickly. The researcher is truly humbled and grateful to:

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Finally, the author acknowledges that this argument is still far from ideal. As a result, the author will openly accept criticism, comments, and ideas to conduct a better study. The author expects this thesis to make a positive contribution to advancing education for readers and other researchers

Malang, 17th April 2025

Khoirunnisaa Afifah Hanuun

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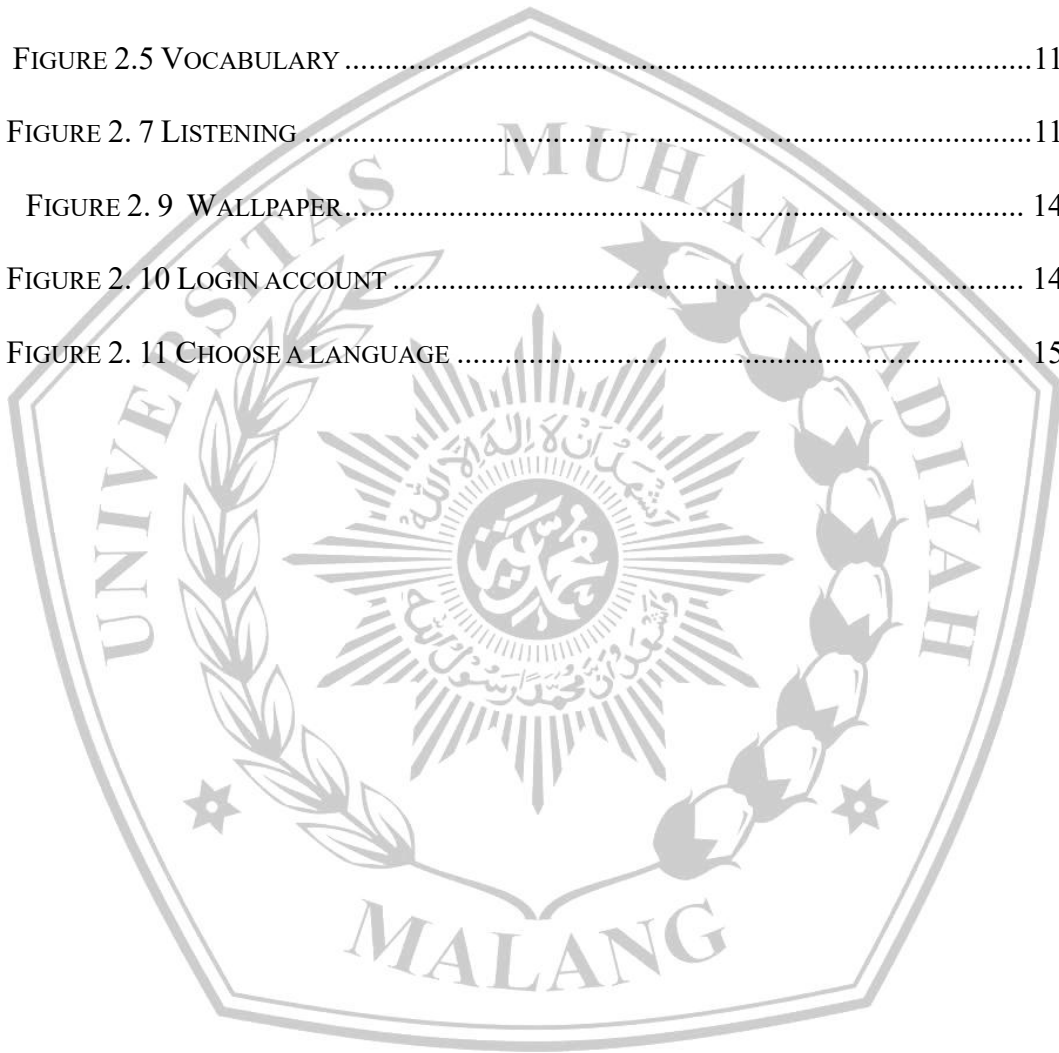
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