

TABLE OF CONTENTS

COVER	1
APPROVAL SHEET	i
EXAMINER PAGE	ii
LEMBAR PERNYATAAN.....	iii
ABSTRAK.....	iv
ABSTRACT	v
PREFACE.....	vi
ACKNOWLEDGMENTS	vii
TABLE OF CONTENTS.....	ix
LIST OF TABLES	xi
LIST OF FIGURES	xii
LIST OF ENCLOSURES	xiii
CHAPTER 1 INTRODUCTION	1
A. Background of the Study	1
B. Formulation of the Problems	4
C. Operational Definitions	4
D. Aims of the Study	5
E. Significance of the Study	5
CHAPTER 2 LITERATURE REVIEW	7
A. Theoretical Framework.....	7
1. Mobile-Assisted Language Learning (MALL).....	7
2. The Principles of MALL	8
3. The Concept of Duolingo as a MALL	9
4. The Features and Procedures of Using Duolingo	10
5. The Principles of Teaching Vocabulary through Duolingo as a MALL	16
6. Definition of Vocabulary and Vocabulary Mastery	19
7. Aspects of Vocabulary.....	20
8. Assessment of Vocabulary	21
B. Study of the Relevant Research.....	22

CHAPTER 3 RESEARCH PROCEDURES	24
A. Method of the Research.....	24
B. Focus of the Research	27
C. Setting and Participants	27
D. Data Collection	28
E. Data Analysis.....	30
F. Steps of the Research	32
G. Time and Place of the Research.....	36
CHAPTER 4 RESEARCH FINDINGS AND DISCUSSION	37
A. Research Findings	37
B. Discussion.....	60
CHAPTER 5 CONCLUSION AND SUGGESTION	69
A. Conclusion	69
B. Suggestion	69
REFERENCES.....	71
ENCLOSURES.....	78

LIST OF TABLES

Table 1. Time of the Research	36
Table 2. The Summary of Cycle I.....	38
Table 3. Summary of the Improvement of Students' Vocabulary Mastery	52

LIST OF FIGURES

Figure 1. The procedures to create the Duolingo	12
Figure 2 The procedures to create the Duolingo	12
Figure 3. The procedures to create the Duolingo	13
Figure 4. The procedures to create the Duolingo	13
Figure 5. The procedures to create the Duolingo	14
Figure 6. The procedures to create the Duolingo	14
Figure 7. The procedures to create the Duolingo	14
Figure 8. The procedures to create the Duolingo	15
Figure 9. The procedures to create the Duolingo	15
Figure 10. The procedures to create the Duolingo	15
Figure 11. The procedures to create the Duolingo	16
Figure 12. The procedures to create the Duolingo	16
Figure 13. The Four-Step Action Research model is based on Kemmis et al. (2014).	25
Figure 14. Recapitulation of Mean Test Scores	67

LIST OF ENCLOSURES

Enclosure 1. Interview Guidelines with an English Teacher as a Preliminary Study	78
Enclosure 2. Result of Pre-Interview with an English Teacher	79
Enclosure 3. Pre-test and Post-test	81
Enclosure 4. Validity and Reliability Test	90
Enclosure 5. Result of Pre-Test and Post-Test.....	105
Enclosure 6. Observation Sheet Result in Cycle I	108
Enclosure 7. Observation Sheet Result in Cycle II	118
Enclosure 8. Lesson Plan	122
Enclosure 9. Tentative Research	153
Enclosure 10. Surat Keterangan Bimbingan Skripsi.....	158
Enclosure 11. Kartu Bimbingan.....	159
Enclosure 12. Biography	160