UNIVERSITI TEKNOLOGI MARA

AUGMENTED REALITY COURSEWARE FOR ENGLISH VOCABULARY PRONUNCIATION USING PHONIC READING TECHNIQUE

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STUDENT DECLARATION

I certify that this thesis and the project to which it refers is the product of my own and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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ABSTRACT

Educational technology has rapidly grown faster due to cycles of time. Ideally, educational technology should be interactive and attractive for 4 to 6 years old preschool children learning, but some at preschool teachers still used the traditional methods in teaching. The objective of this project is to design and develop a phonic reading technique courseware by integrating Augmented Reality (AR) technology. The ADDIE model has been used as the methodology for this project, which comprises five phases. The test result shows that user agreed with the idea and accepted the courseware as learning and teaching tools. The results show that the courseware is easy to learn and easy to memorize, as it applies of phonic reading technique. In future studies, the content of the courseware is based on preschool syllabus.

***Keywords**: Augmented Reality (AR), preschool children, ADDIE, usability testing, user acceptance testing*

TABLE OF CONTENTS

Content	Page
SUPERVISOR APPROVAL	**ii**
STUDENT APPROVAL	**iii**
ACKNOWLEDGE	**iv**
ABSTRACT	**v**
TABLE OF CONTENT	**vi**
LIST OF FIGURE	**ix**
LIST OF TABLE	**xi**
LIST OF ABBREVIATIONS	**xii**
CHAPTER 1: INTRODUCTION	1
1.1 Preliminary Study	1
1.2 Background of study	6
1.3 Problem Statement	7
1.4 Aims and Objectives	8
1.5 Scope	8
1.6 Project Significance	8
1.7 Summary	9
CHAPTER 2: LITERATURE REVIEW	10
2.1 Multimedia Learning	10
2.1.1 Advantages of Multimedia Learning	11
2.1.2 Cognitive Theory of Multimedia Learning	11
2.2 Multimedia Learning Principles	12
2.2.1 Spatial Contiguity Principle	14
2.2.2 Multimedia Principle	14
2.2.3 Voice Principle	14
2.3 E-Learning Courseware	15
2.4 Phonic Reading Technique	15
2.4.1 English Vocabulary Pronunciation	16
2.5 Preschool Children	16

4.4.4 Main Menu Page 44
4.4.5 Read Along Page 45
4.4.6 Read Aloud Page 46
4.4.7 One Syllable Word Page 46
4.4.8 Two Syllable Words Page 47
4.4.9 Drag and Drop Page 47
4.4.10 Read Aloud With AR Page 48
4.5 Summary 49
CHAPTER 5: RESULTS AND FINDINGS 50
5.1 Usability Testing 50
5.1.1 Procedure 50
5.2 Result of Usability Testing 52
5.2.1 Summary of Usability Result 53
5.2.2 Navigation 53
5.2.3 Sound 55
5.2.4 Interaction 56
5.2.5 Content 58
5.2.6 Interface Design 59
5.3 User Acceptance Test 60
5.3.1 User Acceptance Test 61
5.3.2 Perceived Ease Of Use (PEU) 61
5.3.3 Perceived Usefulness (PU) 62
5.3.4 Attitude(ATT) 62
5.3.5 Intention To Use (BI) 63
5.3.6 Summary of User Acceptence Test 64
5.4 Summary 64
CHAPTER 6: CONCLUSIONS AND RECOMMENDATION 65
6.1 Conclusions 65
6.2 Limitations 65
6.3 Recommendations 66
6.4 Summary 66
REFERENCES 67
APPENDICES 70