THE EFFECTIVENESS OF AUGMENTED REALITY IN STUDENTS' READING COMPREHENSION AT SMPN 1 PLERED

A THESIS

Submitted to English Language Teaching

Department at Tarbiyah and Teacher Training Faculty

Syekh Nurjati State Cyber Islamic University Cirebon

In Partial of the Requirement for

Undergraduate Degree

MAYADA FITRI SANTIKA

Reg. Number: 2008103030

ENGLISH LANGUAGE TEACHING DEPARTMENT

AT TARBIYAH AND TEACHER TRAINING FACULTY

SYEKH NURJATI STATE CYBER ISLAMIC UNIVERSITY CIREBON

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2024

ABSTRACT

Mayada Fitri Santika, 2008103030. ***"THE EFFECTIVENESS OF AUGMENTED REALITY IN STUDENTS' READING COMPREHENSION AT SMPN 1 PLERED".***

This research aimed to study the effectiveness of Augmented Reality with Assembler Edu application to improve students reading comprehension. Here, the data taken from students of first grade in Junior High School 1 Plered as a source of the data. The researcher took students class VII E and VII F as the sample. The amount of each class in 63 students. This research used quantitative methods with the type of quasi-experimental. The data were collected through test with multiple choice. The result of this study shows that there is a significant in the effectiveness of using Augmented Reality to improve students reading comprehension. This can be seen from the result of the pre-test and post-test scores which shows that, before treatment, the experimental class got an average score of 13.08, a maximum score of 75, and a minimum score of 30 (before treatment). The average value of the pre-test and post-test of the experimental class (after treatment) was 77.03, with a maximum score of 95 and a minimum score of 60. The T-test result show that the T-test of the post-test in the experimental class is higher than the result in the control class. The results show that there is a significant difference between the average value of the experimental class of 77.25 while the control class is 77.03. The standard deviation of the experimental class was 9.295 and the control class was 8.314. On other hand, the average standard error of the experimental class was 1.669 and the control class was 1.469. The independent sample T-test data shows that t (df = 61) = 0.102 and the p-value or sig (2-tailed) is 0.919. Researcher use α=0.05 (5%) as a significant level, so the null hypothesis (Ho) is rejected and the alternative hypothesis (Hα) is accepted because the p-value or sig (2-tailed) of 0.919 is greater than α>0.05 (5%). It can be concluded that the use Augmented Reality with Assemblr Edu application is effective for students' reading comprehension.

Keywords: *Augmented Reality, Reading comprehension.*

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APPROVAL

THE EFFECTIVENESS OF AUGMENTED REALITY IN STUDENTS' READING COMPREHENSION AT SMPN 1 PLERED

Submitted by

Mayada Fitri Santika

Reg. Number 2008103030

Submitted to English Language Teaching Department at Tarbiyah and Teacher Training Syekh Nurjati Cyber State Islamic University Cirebon in Partial of the Requirement for Undergraduate Degree

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Assalamualaikum Warahmatullahi Wabarakatuh

After guiding, analyzing, briefing, and correcting the writing of Mayada Fitri Santika with registered number 2008103030 entitled **"The Effectiveness of Augmented Reality in students' Reading Comprehension at SMPN 1 Plered"**, we are of the opinion that her thesis can be offered to be presented to the English Language Teaching at Department Tarbiyah and Teacher Training Faculty, Syekh Nurjati Cyber State Islamic University Cirebon as a requirement of the completion of an undergraduate degree in English Education.

Wassalamualaikum Warrahmatullahi Wabarakatuh

Cirebon, 14 June 2024

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LETTER OF AUNTHENTICITY

Bismillahirrahmanirrahim,

I acknowledge that this thesis entitled to "The Effectiveness of Augmented Reality in students' Reading Comprehension at SMPN 1 Plered" is really my own writing with quotations from trusted sources and references using the acceptable scientific method of writing.

Honestly, I have written this letter of authenticity by the truth. I am sincerely responsible for any risk that will happen in the future if it is proven to offend the ethics of scientific writing.

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Cirebon, 14th June 2024

The Researcher,

Mayada Fitri Santika

Reg. Number 2008103030

RATIFICATION

The thesis which is entitled **"THE EFFECTIVENESS OF AUGMENTED REALITY IN STUDENTS' READING COMPREHENSION AT SMPN 1 PLERED"** written by Mayada Fitri Santika, with registration number 2008103030, has been examined on 10th of October 2024. It has been accepted by the examiner. It has been recognized as one of requirement for Undergraduate Degree in English Language Teaching at Department *Tarbiyah* and Teacher Training Faculty of State Cyber Islamic University of *Syekh Nurjati* Cirebon.

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vi

DEDICATION

I proudly dedicate this thesis to

Myself

My parents “Mr. Dendi” and “Mrs. Eva Jubaedah”

My little brother “Mohammad Attila Vandi”

and my entire beloved family in Cirebon and Padang

Thank you for all the prayers you have offered and your constant advice to me.

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AUTOBIOGRAPHY

The name of researcher is "**Mayada Fitri Santika**", born in Cirebon on 14th December 2002. The researcher is the first child of the couple Mr. Dendi and Mrs. Eva Jubaedah. Has a younger brother named Mohammad Attila Vandi.

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Thus, this list of biographies is made truthfully until it is used as it should be.

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MOTTO

“I learned from a lot of mistakes, so I decided to make more mistakes to learn more”

“Your life is beautiful when you beautiful”

- *Mayada Fitri Santika* –

“Lakukan apa yang kau mau, sekarang

Saat hatimu bergerak, jangan kau larang

Hidup ini tak ada artinya, maka

Kau bebas mengarang maknanya seorang”

- Daniel Baskara Putra Mahendra *aka* Hindia -

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Alhamdulillah, thanks to permission and blessing, was able to complete this thesis with the title **"THE EFFECTIVENESS OF AUGMENTED REALITY IN STUDENTS' READING COMPREHENSION AT SMPN 1 PLERED"** as one of the requirements for obtaining a Bachelor's degree in English Language Teaching at Department Tarbiyah and Teacher Training Faculty, Syekh Nurjati Cyber State Islamic University Cirebon.

This thesis contains matters related to "The Effectiveness of Augmented Reality in students' Reading Comprehension at SMPN 1 PLERED". During the data collection activities, research process, guidance process, and process of waiting this thesis, many parties have helped from start to finish in completing this thesis, without help, guidance, and encouragement from various parties, of course, it would be very difficult for me to compile this thesis. Therefore, with a sense of humility, and gratitude to all parties who have helped a lot in preparing this thesis, especially:

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PREFACE

Praise be to Allah SWT, the most gracious and most merciful, who has permitted the researcher to be able to carry out this research, so that the research expresses endless gratitude. The researcher also did not forget to offer prayers to the Prophet Muhammad SAW, his family, and his followers until the end of time.

This research is entitled "The Effectiveness of Augmented Reality in students' Reading Comprehension at SMPN 1 PLERED", which the researcher submitted to the English Language Teaching Department *Tarbiyah* and Teacher Training Faculty, *Syekh Nurjati* State Cyber Islamic University Cirebon in order to fulfillment the requirements for obtaining a Bachelor's Degree.

The researcher believes that this thesis is still far from perfect, so the researcher is responsible for all errors and mistakes in this thesis. This researcher appreciates any suggestions and ideas that can help improve this thesis. This is the researcher's hope for the Department and all readers.

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Cirebon, 14th June 2024

The Researcher,

Mayada Fitri Santika

Reg. Number 2008103030

TABLE OF CONTENT

ABSTRACT ii
APPROVAL iii
OFFICIAL NOTE iv
LETTER OF AUNTHEMNTICITY v
RATIFICATION vi
DEDICATION vii
AUTOBIOGRAPHY viii
MOTTO ix
ACKNOWLEDGMENT x
PREFACE xii
TABLE OF CONTENT xiii
LIST OF FIGURES xv
LIST OF TABLES xvi
LIST OF APPENDIXES xvii

CHAPTER I INTRODUCTION 1
1.1 Background of the Research 1
1.2 Identification of the Problem 5
1.3 Limitation of the Problem 6
1.4 Research Questions 6
1.5 Aims of the Research 6
1.6 Significance of the Research 6

CHAPTER II THEORITICAL FOUNDATION 8
2.1 Theories Regarding the Variables 8
2.1.1 Definition Augmented Reality 8
2.1.2 Types of Augmented Reality applications in educational environments 9
2.1.3 Advantages and Disadvantages Augmented Reality in Education 9
2.1.4 Student Difficult of using Augmented Reality 11
2.1.5 Reading 11
2.1.6 Descriptive Text 20
2.2 Relationship among Variables 22

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SYEKH NURJATI CIREBON

2.3 Previous Studies 22
2.4 Frame of Thought 24
2.5 Theoretical Hypothesis 25

CHAPTER III RESEARCH METHOD 26
3.1 Place and Time of the Research 26
3.1.2 Variable of the Research 27
3.1.3 Population and Sample of the Research 27
3.2 Research Design 28
3.3 Sources and type of data 29
3.4 Operational Variables 29
3.5 Data Collection Technique 29
3.6 Instruments of the Research 30
3.7 Data Analysis Technique 33
3.8 Statistical Hypothesis 35

CHAPTER IV RESEARCH FINDINGS AND DISCUSSION 36
4.1 Research Findings 36
4.1.1 The learning outcomes before and after using Augmented Reality with Assembler Edu application in the Experiment class 36
4.1.2 The learning outcomes before and after using printed book in the control class 38
4.1.3 The Effectiveness of Using Augmented Reality with Assembler Edu application on students' Reading Comprehension 40
4.1.4 The result aspect that develop in Reading Comprehension 45

CHAPTER V CONCLUSION SUGGESTIONS 51
5.1 CONCLUSION 51
5.2 SUGGESTION 52

References 54
APPENDICES 57

LIST OF FIGURES

Frame of thought 25

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SYEKH NURJATI CIREBON

LIST OF TABLES

Table 3.1 Research Timeline 26

Table 3.1.3 Sample of the research 28

Table 3.6.1 Validity Criteria 31

Table 3.6.2 Reliability Criteria 31

Table 3.6.4 The Classification of Students score 32

Table 4.1 Pre-test and Post-test data in experimental class 36

Table 4.2 Descriptive statistics experimental class 37

Table 4.3 Pre-test and Post-test data in control class 38

Table 4.4 Descriptive statistics control class 39

Table 4.5 Normally test of experimental class 41

Table 4.6 Normally test of controlled class 41

Table 4.7 Normally test of controlled class 42

Table 4.8 Homogeneity test result of the pre-test 42

Table 4.9 Homogeneity test result of the post-test 43

Table 4.10 T-test result for post-test score 44

Table 4.11 Independent sample test 44

Table 4.12 Students score in post-test Experimental class 45

Table 4.13 Students score in post-test Control class 46

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SYEKH NURJATI CIREBON

LIST OF APPENDIXES

Appendix 1 Blue Print of Pre-test and Post-test 58

Appendix 2 How to apply Augmented Reality in class 60

Appendix 3 Question Pre-test and Post-test 62

Appendix 4 Lesson Plan and Teaching Material 75

Appendix 5 Key answer Pre-test and Post-test 90

Appendix 6 Research Documentation 95

Appendix 7 Appointment of Thesis Supervisor 96

Appendix 8 Permission Letter 97

Appendix 9 Replied to Permission Letter 98

Appendix 10 Letter of Completion for Research 99

Appendix 11 Research guidance paper 100

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