

**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



**ENGLISH LANGUAGE TEACHING DEPARTMENT
AT TARBİYAH 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 $\alpha=0.05$ (5%) as a significant level, so the null hypothesis (H_0) is rejected and the alternative hypothesis (H_a) is accepted because the p-value or sig (2-tailed) of 0.919 is greater than $\alpha>0.05$ (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.*

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.



Cirebon, 14th June 2024

The Researcher,




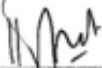




Mayada Fitri Santika

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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Dr. H. Saifuddin, M.Ag
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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.



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.

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* –

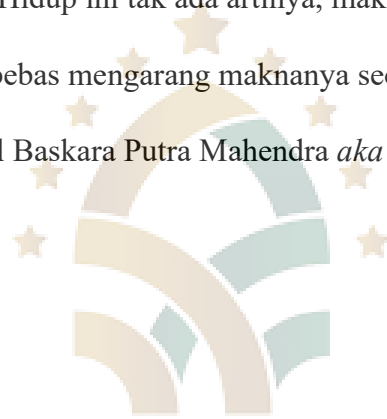
“Lakukan apa yang kau mau, sekarang

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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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 writing 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:

1. Mr. Prof. Dr. Aan Jaelani, M.Ag., as Chancellor of the State Cyber Islamic University *Syekh Nurjati* Cirebon, is an inspirational figure as a researcher based on thousands of experiences. So that it makes researcher motivated.
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3. Mrs. Dra. Hj. Amroh Umaemah, M.Pd., Head of the Tadris English Department for his guidance and advice to researcher to be able to complete the preparation of their thesis on time.
4. Mr. Zakky Yavani, M.Pd., was the first supervisor who guided the researcher, so that she could complete the preparation of this thesis.
5. Mr. Hendi Hidayat, M.Pd., as co-supervisor for all his assistance and guidance to researcher so that the preparation of this thesis was completed.
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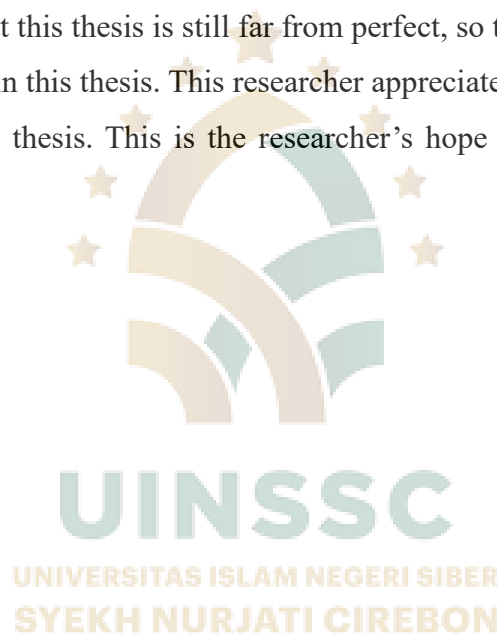


PREFACE

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.



Cirebon, 14th June 2024

The Researcher,

Mayada Fitri Santika

Reg. Number 2008103030

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