

**THE EFFECT OF USING PROMOVA APPLICATION IN VOCABULARY
MASTERY FOR POST HARVESTING TECHNOLOGY AT SMK N 2 METRO**

AN UNDERGRADUATE THESIS



WRITTEN BY :

DWI AYU LESTARI

20340003

**ENGLISH EDUCATION STUDY PROGRAM
TEACHER TRAINING AND EDUCATION FACULTY
UNIVERSITY MUHAMMADIYAH METRO**

2024

**THE EFFECT OF USING PROMOVA APPLICATION IN VOCABULARY
MASTERY FOR POST HARVESTING TECHNOLOGY AT SMK N 2 METRO**

AN UNDERGRADUATE THESIS

**Submitted as a Partial Fulfillment of The Requirements for the Bachelor
Degree at English Education**

By

DWI AYU LESTARI

SRN.20340003

**ENGLISH EDUCATION STUDY PROGRAM
TEACHER TRAINING AND EDUCATION FACULTY
UNIVERSITY MUHAMMADIYAH METRO**

2024

ABSTRACT

Lestari, Dwi Ayu. 2024. *The Effect of Using Promova Application in Vocabulary Mastery for Post Harvesting Technology at SMK N 2 Metro.* An Undergraduate thesis. English Education Study Program, Teacher Training and Education Faculty. Muhammadiyah University of Metro. Advisor: (1) Feni Theresia, M.Pd. (2) Fitri Palupi K., M.Pd.Bi.

Keywords: *Promova Application, Post Harvesting Technology, Vocabulary.*

The aim of this research is to find out the effect and significant difference of Promova application for students in majoring Post Harvesting Technology in vocabulary mastery at SMK N 2 Metro. Promova application is a language-learning app. It supports learning various languages to varying degrees, with English being the best supported, with lots of content, options and learning with Promova is similar to playing a game, which is one of the things that kept users engaged. This Promova application can also build their enthusiasm and motivation in learning vocabulary mastery. The use of interesting media can create a pleasant learning atmosphere and make students enthusiastic during the learning process. This research used quasi experimental design. The subjects of this research is the tenth grade students in majoring Post Harvesting Technology at SMK N 2 Metro academic year 2023/2024.

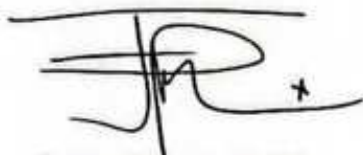
The data analysis results indicated that the obtained t value (to) was higher than the t table value ($18.493 > 2.000$). In addition, the second data indicated that the obtained t value (to) was higher than the t table value ($7.490 > 2.000$). There was an increase in both classes, even though after the data was entered into SPSS, the score for experimental class still resulted in a significant increase. From the score in a experimental class, the result showed that the post-test score is the better and higher than the pre-test score. In conclusion, teaching English vocabulary using the Promova app is effective for mastering students vocabulary skills and makes a significant difference.

RECOMMENDATION

An Undergraduate Thesis arranged by **Dwi Ayu Lestari** has been revised and recommended for examination

Metro, 12 June 2024

Advisor I,



Fenny Thresia, M. Pd.
NIDN. 0222058403

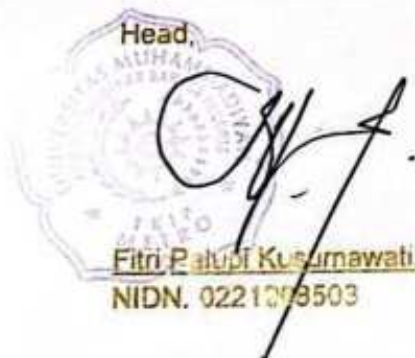
Advisor II,



Fitri Palupi Kusumawati, M. Pd. B. I
NIDN. 0221098503

English Education Study Program

Head,



Fitri Palupi Kusumawati, M. Pd. B. I
NIDN. 0221098503

APPROVAL PAGE

AN UNDEGRADUATE THESIS

THE EFFECT OF USING PROMOVA APPLICATION IN VOCABULARY
MASTERY FOR POST HARVESTING TECHNOLOGY AT SMK N 2 METRO

By

DWI AYU LESTARI

Has been defended by the Examiner Board

On June 12, 2024

Examiner Board



_____ Chairman,
Fenny Thresia, M. Pd.



_____ Secretary,
Fitri Palupi Kusumawati, M. Pd. B. I.



_____ Examiner,
Dr. Dedi Turmudi, M.A. TEP

Teacher Training Education Faculty



Dr. Ach. Rahman Aththaby, M. Pd. Si
NIDN. 0203128801

MOTTO

يُسْرًا أَلْعُسْرِ مَع فَانَّ ﴿٥﴾
فَارْ غَبَّ □ رَبِّكَ وَآلِي ﴿٨﴾

“Indeed with difficulty there is ease, and only in your Lord should you hope”

-QS. Al-Insyirah : 5,8-

not everything lost needs to be found
not everything you lose is a loss
some situations are meant to free you
some experiences are meant to teach you

-I Was Never Broken : Volume 3-

“To always learn as a person who is sincere and patient in accepting the destiny of Allah SWT., and try to be a good person even though it happens a bit at a time. Strive to accomplish the fifth pillar of Islam”

-Dwi Ayu Lestari-

DEDICATION

In the name of affection, the researcher will dedicate this undergraduate thesis to:

1. Alhamdulillahirabbil'alamin to the deepest thank to Allah SWT., the Lord of the universe who has blessed and guided me to finish this study with the title "The Effect of Using Promova Application in Vocabulary Mastery for Post Harvesting Technology at SMK N 2 Metro" Blessing and peace be upon to Prophet Muhammad SAW., as His servant and messenger. So that the researcher can accomplish this undergraduate thesis.
2. A big thank you to the researcher's beloved parents Mr. Bambang Junaidi and Mrs. Mumiaty. Thank you for always giving prayers and motivation for always keep moving for finishing this undergraduate thesis. Also giving the support so that one day the researcher become a successful woman and prioritize goodness in every aspect of life. The researcher always love you both even though you can never be together any longer.
3. Thank you to the researcher's beloved Mbah Kakung Hendri Kus Samijo and Mbah Putri Tarwiyah for their endless prayers, support and advice which greatly helped the researcher in completing this thesis.
4. The researcher would like to express the deepest gratitude to older brother, Tomi Prabowo. Who always gives his attention and provides support in whatever form it is. Hope that the researcher can complete this research. Researcher's beloved sister Fitri Ana Sari, who always encourages and always invites to make and dance Tik Tok videos together so that the researcher do not stress about doing my undergraduate thesis.
5. Researcher would like to extend the deepest gratitude to the beautiful advisors, Mam Fenny Theresia, M. Pd. And Mam Fitri Palupi Kusumawati, M. Pd. B. I. for their invaluable guidance, suggestions, and input that greatly contributed to the successful completion of this thesis.
6. To all PBI UM Metro lectures, researcher would like to express the gratitude for the knowledge and education provided to researcher's during their learning journey on the UM Metro campus.
7. Thank you very much to researcher's beloved friend, who is with the researcher at this time. Who always cares and helps about each other, exchanges stories, makes funny then laughs together and encourages. Let's make beautiful friendship memories before we return to our respective homes. It is nice to meet and get to know you all.

8. The researcher's someone special Adi Candra, thank you for being with the researcher until now. Thank you for being willing to be a place where researcher's tell stories, complain and be a good listener. Thank you for your prayers, attention and support. Thank you for always reminding the researcher to always be a patient person. Let's give each other support to achieve the goals planned for the future.
9. To the extended family of PBI 20 friends, researcher would like to express the sincere thanks for accompanying the researcher's on their study trip, thank you for the experience and togetherness while on our beloved UM Metro campus. Everything will forever be imprinted in the researcher's memory. Keep working because the future is ours.
10. The greatest campus, Muhammadiyah University of Metro where the researcher studying and growing to be a better person.
11. Lat but not least, the researcher want to thank to myself. Thank you for believing myself and for doing all this hard work, and trying to do more right than wrong. Thank you for never give up, you are great, you deserve to be proud of yourself. Love my self.

Finally, it is very important that the researcher realizes that this undergraduate thesis is far from perfect. Even so, the researcher really hopes that in the future this thesis can be a reference for readers and other researchers in the future who want to know about students problems in learning vocabulary, especially in English.

Metro, 12 June 2024

Researcher



Dwi Ayu Lestari

ACKNOWLEDGE

السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

Alhamdulillahirobbil'alamin, praise and gratitude to Allah SWT., for His mercy and grace, so that the author can complete the undergraduate thesis with the title "The Effect of Using Promova Application in Vocabulary Mastery for Post Harvesting Technology at SMK N 2 Metro" sholawat and greetings are always conveyed to the prophet Muhammad SAW., may we all get his as the partial requirement in accomplishing undergraduate degree at English Education Study Program of Teacher Training and Education Faculty, Muhammadiyah University of Metro.

There are many people who give advice and motivation to the researcher to finish undergraduate thesis. The first is to Mr. Dr. Nyoto Suseno, M.Si as Chancellor of Muhammadiyah University of Metro, Mr. Dr. Arif Rahman Aththibby, M.Pd.Si, as Dean of the Faculty of Teacher Training and Education, and Mrs. Fitri Palupi Kusumawati M.Pd.B.I, as head of the English Language Education Undergraduate Study Program.

This undergraduate thesis would not have been possible to finish without many helps, guidances, supports and advices from the wise and patience advisors Mrs. Fenny Thresia, M.Pd., as the first advisor and Mrs. Fitri Palupi Kusumawati, M.Pd.B.I, as the second advisor. They given their time to help finishing this undergraduate thesis by giving motivation, guidance, suggestion and correction for the researcher.

This thesis would not have been completed without a lot of help, time and support from the school that is the subject of this research, that is SMK N 2 Metro. Thank you to Mrs. Dr. Armina, M.Pd., as the principal of SMK N 2 Metro, then Mrs. Dra. Magdalena Isherman, who is the English teacher for class X Post Harvesting Technology and help the researcher in completing this research, and also the students of class X Post Harvesting Technology would like to thank them for their participant and helping the researcher in carrying out this research.

Finally, it is important that the researcher realizes this undergraduate thesis is far from perfect. Even so, the researcher really hopes that in the future this thesis

can be a reference for readers and other researchers in the future who want to know about students problems in learning Vocabulary, especially in English.

وَعَلَيْكُمْ السَّلَامُ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

Researcher,



Dwi Ayu Lestari

PERNYATAAN

Yang bertandatangan di bawah ini, saya:

Nama : Dwi Ayu Lestari

NPM : 20340003

Program Study : Pendidikan Bahasa Inggris

Fakultas : Keguruan dan Ilmu Pendidikan

Judul Skripsi : "The Effect of Using Promova Application in Vocabulary Mastery for Post Harvesting Technology at SMK N 2 Metro"

Menyatakan bahwa karya ilmiah ini adalah hasil pekerjaan saya sendiri. Sepanjang pengetahuan saya, karya ilmiah ini tidak memuat materi yang ditulis orang lain kecuali bagian-bagian tertentu yang saya ambil sebagai acuan dengan mengikuti tata cara dan etika penulisan yang lazim. Apabila terbukti bahwa pernyataan ini tidak benar, sepenuhnya menjadi tanggung jawab saya.

Metro, 12 Juni 2024

Penulis



Dwi Ayu Lestari



UNIT PUBLIKASI ILMIAH
UNIVERSITAS MUHAMMADIYAH
METRO



SURAT KETERANGAN UJI KESAMAAN (*SIMILARITY CHECK*)

NOMOR. 0399/II.3.AU/F/UPI-UK/2024

Unit Publikasi Ilmiah Universitas Muhammadiyah Metro dengan menerangkan bahwa:

NAMA : Dwi Ayu Lestari
NPM : 20340003
JENIS DOKUMEN : Skripsi

JUDUL : THE EFFECT OF USING PROMOVA APPLICATION IN VOCABULARY MASTERY FOR POST HARVESTING TECHNOLOGY / METRO

Telah dilakukan validasi berupa Uji Kesamaan (*Similarity Check*) dengan menggunakan aplikasi *Turnitin*. Dokumen telah diperiksa dinyatakan telah memenuhi syarat bebas uji kesamaan (*similarity check*) dengan persentase $\leq 20\%$. Hasil pemeriksaan uji kesamaan terlampir.

Demikian kami sampaikan untuk digunakan sebagaimana mestinya.



Metro, 12 Juni 2024
Kepala Unit,

[Signature]
Dr. Nego Linuhung, M.Pd.
NIDN. 0220108801

Alamat:

Jl. Ki Hajar Dewantara No.116
Iringmulyo, Kec. Metro Timur Kota Metro,
Lampung, Indonesia

Website: upi.ummetro.ac.id
E-mail: help.upi@ummetro.ac.id

TABLE OF CONTENTS

COVER.....	i
ABSTRACT.....	iv
RECOMMENDATION.....	v
APPROVAL PAGE.....	vi
MOTTO.....	vii
DEDICATION.....	viii
ACKNOWLEDGE.....	x
PERNYATAAN.....	xii
UJI KESAMAAN (SIMILARITY CHECK).....	xiii
TABLE OF CONTENTS.....	xiv
LIST OF TABLE.....	xvi
APPENDICS LIST.....	xvii
CHAPTER I INTRODUCTION.....	1
A. Background of the problem.....	1
B. Identification of the Problems.....	3
C. Limitation of the Problem.....	4
D. Formulation of the Problem.....	4
E. Objective of the Research.....	4
F. Scope of the Research.....	5
G. Significance of the Research.....	5
CHAPTER II THEORETICAL FRAMEWORK.....	6
A. Previous Research Overview.....	6
B. Theoretical Review.....	8
C. Thinking Framework.....	20
D. Hypothesis.....	21
CHAPTER III RESEARCH METHOD.....	23
A. Research Design.....	23

B. Research Variables	24
C. Research Population, Sample and Sampling Technique	24
1. Population	24
2. Sample Technique.....	25
3. Sample.....	25
D. Research Instrument	26
E. Validity and Reliability	27
1. Validity	27
2. Reliability	27
F. Data Collecting Technique	29
1. Pre-Test	29
2. Treatment	29
3. Post Test	29
G. Data Analyzing Technique	30
1. Normality Test	30
2. Homogeneity Test	30
3. Hypothesis Test	31
CHAPTER IV RESEARCH FINDING AND DISCUSSION	32
A. Research Findings	32
B. Data Discussion.....	34
C. Hypothesis Testing	39
D. Discussion	48
CHAPTER V CONCLUSION AND SUGGESTION	52
A. Conclusion.....	52
B. Suggestion.....	53
REFERENCES	54

LIST OF TABLE

Tabel 1.1	Pra-survey Data English Vocabulary Score of Tenth Grade Post Harvesting Technology of SMK N 2 Metro
Table 3.1	Table of Research Design
Table 3.2	Table of Sample Research
Table 3.3	The Criteria of Interval Coefficient
Table 4.1	Pre-Test Results For The Experiment and Control Class in Data Description
Table 4.2	The Frequency Distribution of Pre-test in the Experimental Class
Table 4.3	The Frequency Data Distribution of Pre-Test in the Control Class
Table 4.4	The Results of Post-Test in the Experimental and Control Class in Data Description
Table 4.5	The Frequency Data Distribution of Post-Test in Experimental Class
Table 4.6	The Frequency Data Distribution of Post-Test in Control Class
Table 4.7	The Result of Normality Test by Kolmogorov-Smirnov
Table 4.8	Homogeneity Test Result
Table 4.9	F-Test Result ANOVA
Table 4.10	The Score Improvement of Vocabulary Mastery
Table 4.11	The Result of T-Test Paired Sample Test
Table 4.12	The Result of T-Test Independent Samples Test

APPENDICES LIST

1. Declaration Letter
2. Decision Letter for The Appointment of The Students Thesis Guidance Lecturer
3. Pra-Survey Permission Letter
4. Research Permission Letter
5. Research Dutty Letter
6. Thesis Guidance Card
7. The Validation of Pre-Test and Post-Test
8. The Reliability Test
9. Output : Descriptive Statistics
10. Output : Normality Test
11. Output : Homogeneity Test
12. Output : T-Test
13. Lesson Plan Experimental Class
14. Lesson Plan Control Class
15. The Result of Pre-Test And Post-Test in Experimental
16. The Result of Pre-Test And Post-Test in Control Class
17. Instrument of The Research
18. Documentation
19. Researcher Biograpy