DESIGNING ENGLISH VOCABULARY APPLICATION FOR THE SEVENTH GRADE STUDENTS OF SMP DATOK SULAIMAN PALOPO

A Thesis

Presented as Partial Fulfilment for the Attainment of S. Pd Degree in English Language Education Study Program and Teacher Training Faculty State Islamic Institute of Palopo



ENGLISH LANGUAGE EDUCATION STUDY PROGRAM TARBIYAH AND TEACHER TRAINING FACULTY STATE ISLAMIC INSTITUTE OF PALOPO

2023

DESIGNING ENGLISH VOCABULARY APPLICATION FOR THE SEVENTH GRADE STUDENTS OF SMP DATOK SULAIMAN PALOPO

A Thesis

Presented as Partial Fulfilment for the Attainment of S. Pd Degree in English Language Education Study Program and Teacher Training Faculty State Islamic Institute of Palopo



Written by:

SITI HARDIANTI RANTE PADANG

18 0202 0035

Supervised by:

Prof. Dr. Sahraini, M.Hum
 St. Hartina, S.Pd., M.Pd

ENGLISH LANGUAGE EDUCATION STUDY PROGRAM TARBIYAH AND TEACHER TRAINING FACULTY STATE ISLAMIC INSTITUTE OF PALOPO

2023

STATEMENT OF ORIGINALITY

I, who undersigned below:

 Name
 : Siti Hardianti Rante Padang

 Registration Number
 : 18 0202 0035

 Faculty
 : Tarbiyah and Teacher Training

 Study Program
 : English Language Education Study Program

Stating exactly that:

 This thesis is originally my own work, not the result of plagiarism or duplication of the work of the others that I acknowledge as my own work or thought.

2. All parts of this thesis are my own works except the citations whose original sources have been reported. All mistakes or errors in it are my responsibility. If later this statement is not true, I am willing to accept administrative sanctions for the act, then the academic degree that I have achieved can be revoked. In the end, this statement is made truthfully and to be used in accordance with its purpose.

Palopo, February 13th, 2023

Regards,

EMPEL

Siti Hardianti Rante Padang 18 0202 0035

THESIS APPROVAL

This thesis, entitled "Designing English Vocabulary Application for the Seventh Grade Students of SMP Datok Sulaiman Palopo", which was written by Siti Hardianti Rante Padang, Reg. Number 18 0202 0035, a student of S1 English Language Education Study Program of Tarbiyah and Teacher Training Faculty of State Islamic Institute of Palopo, has been examined and defended in MUNAQASYAH session which was carried out on Monday, February 27th 2023 M, coincided with Sya'ban 06th 1444 H, it is authorized and acceptable as a partial fulfilment requirement for S.Pd. degree in English Language Education Study Program. Palopo, February 27th, 2023 M

COMMI	TTEE OF EXAMINA	TION HAR
I. Amalia Yahya, S.E., M.Hu	m Chairman	(Through)
2. Wahibah, S.Ag., M.Hum	Examiner 1	, CHINA ,
3. Dewi Furwana, S.Pd.I., M.	Pd Examiner II	()
4. Prof. Dr. Sahraini, M.Hum	Consultant I	(
5. St. Hartina, S.Pd., M.Pd	Consultant II	(Hana.)
	Approved by:	
a.n Rector of IAIN Palopo The Dean of Tarbiyah and	L	he Head of English anguage Education Study
Teacher Training Faculty	P	rogram

Dr. Nurdin Kaso, M. Pd NIP 19681231 199903 1 014

Amalia Yahya, S.E., M.Hum NIP 19771013 200501 2 006

ii

CONSULTANT APPROVAL

Thesis Entitled : Designing English Vocabulary Application for the Seventh Grade Students of SMP Datok Sulaiman Palopo.

Written By

Name	: Siti Hardianti Rante Padang
Reg. Numb	; 18 0202 0035
Faculty	: Tarbiyah and Teacher Trainin
Study Program	: English Language Education

Has been corrected and approved to be examined.

Palopo, February 02nd, 2023

12

Approved

Consultant 1

Prof. Dr. Sahraini, M.Hum NIP. 19691231 199903 2 001 ARTINA

Consultant II

St. Hartina, S.Pd., M.Pd NIP, 199109092019032 021

NOTA DINAS PEMBIMBING

Lampiran :-

Hal : Skripsi

Yth. Dekan Fakultas Tarbiyah dan Ilmu Keguruan IAIN Palopo

Di

Palopo

Assalamu'alaikum Warahmatullahi Wabarakatuh.

Setelah melakukan bimbingan, baik dari segi isi, bahasa, maupun teknik

penulisan terhadap skripsi mahasiwa tersebut dibawah ini:

Nama	: Siti Hardianti Rante Padang
NIM	: 18 0202 0035
Prodi	: Pendidikan Bahasa Inggris
Fakultas	: Tarbiyah dan Ilmu Keguruan
Judul	: Designing English Vocabulary Application for the
	Seventh Grade Students of SMP Datok Sulaiman

Menyatakan bahwa skripsi tersebut sudah layak untuk diujikan. Demikian

untuk diproses selanjutnya.

Prof. Dr. Sahraini, M.Hum NIP, 19691231 199903 2 001

Palopo, February 02nd, 2023

NOTA DINAS PEMBIMBING

Palopo, February 02nd, 2023 Lampiran 1. Hal : Skripsi Yth. Dekan Fakultas Tarbiyah dan Ilmu Keguruan IAIN Palopo Di Palopo Assalamu'alaikum Warahmatullahi Wabarakatuh. Setelah melakukan bimbingan, baik dari segi isi, bahasa, maupun teknik penulisan terhadap skripsi mahasiwa tersebut dibawah ini: Nama : Siti Hardianti Rante Padang : 18 0202 0035 NIM Prodi : Pendidikan Bahasa Inggris Fakultas : Tarbiyah dan Ilmu Keguruan Judul : Designing English Vocabulary Application for the Seventh Grade Students of SMP Datok Sulaiman Menyatakan bahwa skripsi tersebut sudah layak untuk diujikan. Demikian untuk diproses selanjutnya. Consultant II St. Hartina, S.Pd., M.Pd NIP, 199109092019032 021

EXAMINER APPROVAL

Thesis Entitle	Designing English Vocabulary Application for the Seventh Grade Students of SMP Datok Sulaiman Palopo.
Written By	
Name	: Siti Hardianti Rante Padang
Reg. Number	: 18 0202 0035
Faculty	: Tarbiyah and Teachers Training
Study Program	: English Language Education
Has been corrected a	nd approved to be examined Munaqasyah thesis. Palopo, February 20 ^e , 2023 Examiner I Wahibah, S.Ag., M.Hum, NIP. 19690504 200312 2 002

EXAMINER APPROVAL

Thesis Entitle	Designing English Vocabulary Application for the Seventh Grade Students of SMP Datok Sulaiman Palopo.
Written By	
Name	: Siti Hardianti Rante Padang
Reg. Number	: 18 0202 0035
Faculty	: Tarbiyah and Teachers Training
Study Program	: English Language Education
Has been corrected and ap	proved to be examined Munaqasyah thesis. Palopo, February 20 th , 2023 Examiner I Dewi Furwana, <u>S.Pd.L. M.Pd.</u> NIP. 19870831 201503 2 006
	V

ACKNOWLEDGEMENT

بِسْمِ اللهِ الرَّحْمنِ الرَّحِيمِ

لحَمْدُ للهِ وَالصَّلَاةُ وَالسَّلَامُ عَلَى رَسُوْلِ اللهِ وَعَلَى آلِهِ وَصَحْبِهِ وَمَنْ وَالَاهَ ، أَمَّا بَعْد.

Alhamdulillahi rabbil 'aalamiin, all praise be to Allah swt. The almighty and the merciful, with whose power and mercy the researcher was able to complete this thesis entitled Designing English Vocabulary Application for Seventh Grade Students of SMP Datok Sulaiman Palopo. In addition, shalawat and greetings to the Prophet Muhammad SAW. to his family, his friends, the tabi'in, and to us his ummah.

The researcher realizes that this thesis would not be finished without many parties' support, suggestions, guidance, and comments. Therefore, on this occasion the researcher would like to express her deepest gratitude to:

- 1. Prof. Dr. Abdul Pirol, M.Ag. as the Rector of IAIN Palopo
- Dr. Nurdin Kaso, M.Pd. as the Dean of Tarbiyah and Teacher Training Faculty of IAIN Palopo and Mr./Mrs. Vice Dean I, II, III of Tarbiyah and Teacher Training Faculty of IAIN Palopo.
- Amalia Yahya, S.E., M.Hum. As the Head of English Education Study Program of IAIN Palopo.
- 4. Prof. Dr. Sahraini, M. Hum and St. Hartina, S.Pd., M.Pd, as the consultant I and II for the time, explanation, guidance, helps, corrections, suggestions, ideas and kindness during completing this thesis.

- 5. Wahibah, S.Ag., M.Hum and Dewi Furwana, S.Pd.I., M.Pd as the first and second examiner who provided direction, correction and suggestion to perfect this thesis.
- 6. Dr. Masruddin, M.Hum, Imam Fadli, S.Pd, and Sufianti, S.Pd as the validators of the product. Highest appreciation for their support, guidance, suggestions, attention, knowledge, and kindness during completing the research.
- 7. All the lecturers of IAIN Palopo, especially the lecturers of English education study program and all staffs of PBI and UPB of IAIN Palopo for their help, support and motivation during the consultation of this thesis.
- 8. The school principal and all the teachers of SMP Datok Sulaiman Palopo who have given permission and help during this research.
- 9. The seventh grade students of SMP Datok Sulaiman Palopo who have cooperated in completing the research of this thesis.
- 10. The researcher's beloved parents: Nurdin Rante Padang and Sulfiana Liku Pantan. Who has given such a beautiful and very meaningful love in the researcher's life, a figure always provides support, prayers, and endless love. Also to the researcher's sisters Marda Rante Padang, S.Kom, and Cici Fadilla Rante Padang and researcher's brother Supriadi Rante Pakiding, . They are who also always provide motivation, support, and prayers. Also researcher cousin Lilis Karmila and Yamina S.Pd who also help many things to the researcher.

- 11. The researcher's friend who have supported the researcher, especially the researcher classmates at BIG B 2018 (Blissful and Brilliant) and the whole 2018 students from English education major and other. Special thanks to Imam Fadli, S.Pd., Musdalipa H. Tombong, Syahrul Bahru, S,Pd., Tri Wardani S.Pd., Rindy Pratiwi, Sri Wahyuni Anggaresky, Fatima Azzahrah, Maghfirah Hafid, and Novia Sulawestari Ta'gan.
- 12. Special thanks to everybody who has given the spirit, motivation, support, and encouragement to finish this research.

To all those who have assisted the researcher, whom the researcher did not mention one by one, the researcher would like to express his deepest gratitude. The researcher also realizes that this thesis is far from perfect, therefore, criticism and wise suggestions are highly expected. Finally, the researcher hopes that this thesis can be useful and make a positive contribution to readers and other researchers.

Palopo, February 27th, 2023

The researcher,

Siti Hardianti Rante Padang NIM 18 0202 0035

TABLE OF CONTENTS

COVER PA	AGE	
TITLE PA	GE	
STATEME	ENT OF	ORIGINALITYi
THESIS A	PPROV	⁷ AL ii
ACKNOW	LEDGI	EMENTviii
TABLE O	F CONT	rentsxi
		xiii
LIST OF T	ABLES	5 xiv
LIST OF C	CHART	S xv
LIST OF F	IGURE	ES xvi
LIST OF A	PPENI	DICES
ABSTRAC	CT	
CHAPTER	PT IN	TRODUCTION
	A.	
	A. B.	Research Question
	D. C.	The Objective of the Research
	D.	The Significance of the Research
	E.	Specification of the Expected Product
	F.	Assumption and Delimitation of the Research
CHAPTER		EVIEW OF RELATED LITERATURE
	B.	Some Pertinent Ideas
		Conceptual Framework
CHAPTER		ESEARCH METHOD
	A.	Research Design
	B.	Place and Time of the Research
	C.	The subject of the Research
	D.	Research Procedures
		1. Analyze

	2. Design	31
	3. Develop	31
	4. Implementation	31
	5. Evaluate	31
E.	Technique of Data Collection	32
F.	Technique of Data Analysis	32
CHAPTER IV R	ESEARCH FINDING AND DISCUSSION	37
А.	Research Findings	37
В.	Discussion	61
CHAPTER V C	ONCLUSION AND SUGGESTION	68
A.	Conclusion	68
B.	Suggestion	
BIBLIOGRAPHY		71
		/4

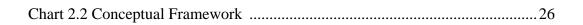
LIST OF VERSE



LIST OF TABLES

Table 3.1 Material Topics Qualification of the Product Evaluation	35
Table 3.2 The Example of Table Expert Validation	36
Table 3.3 The Example of Table Students' Perception	36
Table 4.1 Target Need	38
Table 4.2 Learning Needs	39
Table 4.3 The Content of the Designed Product	40
Table 4.4 The Blueprint of the Imam Fadli's Product	42
Table 4.5 The result of the Instrument's Validation of Expert	47
Table 4.6 The Result of the Product Validation by the Design and Layout	
Expert	48
Table 4.7 The result of the product validation by the language expert	50
Table 4.8 The Result of the Product Validation by the Material Expert	51
Table 4.9 The Revision Draft of English Vocabulary Application	53
Table 4.10 Implementation Schedule	55
Table 4.11 The Result of Students' Perception	56
Table 4.12 The Result of Teacher Perception	58

LIST OF CHARTS





LIST OF FIGURES

Figure 2.1 Commonly Used Pronouns	15
Figure 2.2 Dale's Cone of Experience (1969) Nuraeni and others, 2020	23
Figure 3.1 Core elements of ADDIE Model	28
Figure 3.2 Miles and Huberman's Model	33
Figure 4.1 Voicemaker Display	44
Figure 4.2 Display of Macromedia Flash	45
Figure 4.3 Display of Flash Form Application	46
Figure 4.4 Display of Macromedia Flash Worksheet of English Vocabulary Application	46
Figure 4.5 Mean Score of Product Validation by the Design and Layout	
Expert	49
Figure 4.6 Percentage of Product Validation by the Design and Layout	
Expert	49
Figure 4.7 Mean Score of Product Validation by the Language Expert	50
Figure 4.8 Percentage of Product Validation by the Language Expert	50
Figure 4.9 Mean Score of Product Validation by the Material Expert	52
Figure 4.10 Percentage of Product Validation by the Material Expert	53
Figure 4.11 Mean Score of Students' Perception	57
Figure 4.12 Percentage of Students' Perception	57
Figure 4.12 Mean Score of Teacher's Perception	60
Figure 4.14 Percentage of Teacher Perception	60

LIST OF APPENDICES

- Appendix 1: Surat Izin Meneliti
- Appendix 2: Surat Keterangan Telah Meneliti
- Appendix 3: Prototype of Designing English Vocabulary Application
- Appendix 4: The Result of the instrument validation by expert
- Appendix 5: The Result of the Experts Evaluation Questionnaire of the Product
- Appendix 6: The Result of the Students' Perceptions
- Appendix 7: The Result of Teacher Perception
- Appendix 8: The Final Product of English Vocabulary Application
- Appendix 9: Documentation

ABSTRACT

Siti Hardianti Rante Padang, 2023, "Designing English Vocabulary Application for the Seventh Grade Students of SMP Datok Sulaiman Palopo". A Thesis of English Language Education Study Program of Tarbiyah and Teacher Training Faculty, State Islamic Institute of Palopo. Consultants (1) Sahraini and (2) St. Hartina.

This research focused on Designing English Vocabulary Application for the Seventh Grade Students of SMP Datok Sulaiman Palopo. This research answered the question: How is the design of English vocabulary application for the seventh grade students of SMP Datok Sulaiman Palopo. This research used Research and Development methods by implemented the ADDIE model (analysis, design, development, implementation, and evaluation). This research conducted at SMP Datok Sulaiman Palopo. The subjects of this research were class 7B which consist of 34 students from 254 totals of students in grade 7. The data for this research were obtained through questionnaires and interviews, expert assessment of the instrument, product validity, and students and teacher perceptions. The topic of English vocabulary application consists of; (1) the alphabet with vocabulary in each letter, (2) things in school, (3) activities in school, (4) personal pronouns, and (5) students daily expressions. The English vocabulary application was designed by using Macromedia Flash. The English vocabulary application for the seventh grade students of SMP Datok Sulaiman Palopo was designed in interactive multimedia which consists of vocabulary and daily expressions, completed with audio pronunciation, phonetic symbols, vocabulary list, exercise and colorful image. The product design was tested on students of class VII B of SMP Datok Sulaiman Palopo. The results of students' perceptions are 4.45 mean score with 91% percentages with categories "Very Good" which indicated that English vocabulary application is feasible to use.

Keyword: Research and Development, Designing, English Vocabulary Application

CHAPTER I INTRODUCTION

A. Background

Vocabulary is an essential component of language learning. Language is made up of various vocabularies that combine to form a single language. According to Norbert Schmitt and Diane Schmitt (2020), mastery of L2 (second language) one of the important aspects of learning a foreign language is vocabulary¹. Studying and mastering vocabulary is crucial if learning a new language because vocabulary is a language component that can be used to communicate, express feelings, and comprehend language². Related to these opinions, learning and mastering a foreign language's vocabulary is crucial for anyone learning that language to be able to communicate in that language.

Vocabulary divided into several types there are speaking vocabulary, reading vocabulary, listening vocabulary, and writing vocabulary³. In speaking skills, in addition to mastering vocabulary and grammar rules, it is also necessary to pay attention to the pronunciation in the language being studied⁴. This is because

¹ Norbert Schmitt and Diane Schmitt, 'Vocabulary in Language Teaching' <https://books.google.co.id/books?hl=id&lr=&id=jILoDwAAQBAJ&oi=fnd&pg=PR13&dq=Voc abulary+is+a+fundamental+component+of+learning+a+language,+formed+from+a+variety+of+v ocabulary+so+as+to+create+a+single+language&ots=HXSQkfogeZ&sig=1kU0ydhGhGghNq8siP MimHqwvO4> [accessed 20 June 2022].

² English Education and others, 'ENGLISH SPEAKING PROBLEMS IN DARUSSALAM ISLAMIC BOARDING SCHOOL By NANDA KURNIA SAFITRI', 2021.

³ Judy K Montgomery, 'Types of Vocabulary', *The Bridge of Vocabulary: Evidence* Based Activities for Academic Success, 2007, 136

https://www.srsdeaf.org/Downloads/Bridge_of_Vocabulary.pdf>.

⁴ Agus Sholeh and Uun Muhaji, 'Pronunciation Difficulties Encountered By EFL Students in Indonesia', *Jurnal Inspiraasi Pendidikan Universitas Kanjuruhan Malang*, 5.2 (2015), 698–707.

when communicating, the message is conveyed properly and can be understood by the recipient of the message. Besides knowing the meaning of vocabulary, knowing the pronunciation is also important. By learning how to pronounce the vocabulary, it is hoped that it can reduce misunderstanding and mispronunciation when speaking.

SMP Datok Sulaiman Palopo is a pesantren-based school that teaches English and Arabic as compulsory language use, it is necessary for students to be able to use English as foreign language. The implementation of foreign languages at SMP Datok Sulaiman Palopo, the students experienced several obstacles in using English. The preliminary observation of an English teacher on Thursday, June 16, 2022, the teacher also said the students need learning media that can help students in mastering English vocabulary, especially for the seventh grade students. It causes of the seventh grade students of SMP Datok Sulaiman have background that have not learning English in elementary school before, so they difficult in learning English especially in communicate in English cause lack of English vocabulary. In addition, based on observation of the students, especially the seventh grade students, many of them were insecure, embarrassed and even chose remain silent during English day, it cause of they were lacking of English vocabulary, difficult in pronouncing so they embarrassed cause did not know how to speak in English. So, from the observation the researcher got the point the students need learning media in mastering English vocabulary with audio pronunciation to make it easy for students in mastering English vocabulary.

There is previous research by Imam Fadli (2022) at SMP Datok Sulaiman entitled "Designing a Colorful Pictorial English Vocabulary Book for the First Grade Students of SMP Datok Sulaiman Putri Palopo." The researcher chose to continue the previous research because the problems that the researcher and previous researchers found had in common, namely the lack of English vocabulary mastery of students at SMP Datok Sulaiman, especially in grade 7 and the material in the previous researcher's book was related to students' vocabulary needs, so the researcher decided to continue the previous research by developing the previous research book into an application that could cover the vocabulary material students needed with audio pronunciation so that students could more easily learn new vocabulary.

In addition, the Al-Quran mentions the usage of learning media as part of the process of learning in Surah al-Alaq: 3-4:

The meaning: Recite, and your Lord is the Most Generous (3), Who taught by the pen (4).

Verse 4, implicitly explains the learning media based on the word "pen". The use of the word pen has the meaning of a learning medium, which has a much broader meaning, not only as a pen but also as a learning medium that can be developed according to the times and technology⁵.

Based on the description, the researcher is interested in conducting a research entitled "Designing English Vocabulary Application for the Seventh Grade Students of SMP Datok Sulaiman Palopo".

B. Research Question

The researcher formulated the problem question as follows based on the context:

"How to Design of English vocabulary Application for the Seventh Grade Students of SMP Modern Datok Sulaiman Palopo?"

C. The Objective of the Research

The objective of this research is to design English vocabulary application for the seventh grade students of SMP Datok Sulaiman Palopo.

D. The Significance of the Research

The significance of the research is divided into two, there are:

1. Theoretically

The results of this research are expected to be the basis or solution to developing learning media, especially in learning English vocabulary, as well

⁵ Mihmidaty Ya'cub, 'Media Pendidikan Perspektif Al Quran Hadits Dan Pengembangannya', *CENDEKIA: Jurnal Studi Keislaman*, 4.2 (2018) https://doi.org/10.37348/cendekia.v4i2.60>.

is expected to be an added value for science in the field of English language education.

- 2. Practically
 - a. For Teacher

Learning media that is being developed is expected to include more media references in the process of teaching and learning which are expected to support learning activities.

b. For Students

The media expected students to understand the material more easily and to be more motivated to learn English vocabulary.

c. For researcher

It is a good experience for the researcher that can be used as an innovation to develop teaching materials.

d. For another researcher

As a resource and source of inspiration for future research on the creation, innovation, and development of instructional media.

E. Specification of the Expected Product

In this research, the researcher will devise an English vocabulary application for seventh grade students at SMP Datok Sulaiman Palopo, with the following specifications:

1. This research is the continuation of the previous research by Imam Fadli with the title "Designing a Colorful Pictorial English Vocabulary Book For the First Grade Students of SMP Datok Sulaiman Putri Palopo"

- 2. This application is a multimedia interactive application for English vocabulary that contains vocabulary and daily expressions list completed with audio pronunciation, phonetics symbols, exercise and picture.
- 3. Kinds of this vocabulary containing English vocabulary that was adopted from A Colorful Pictorial English Vocabulary Book by Imam Fadli.
- 4. This application is designed by using Macromedia Flash.
- 5. This application includes of home button, menu button, kinds of English vocabulary for the first grade students at PMDS Putri Palopo buttons, next button, previous button, profile button, exit button and clock.
- 6. The application is an offline application.
- 7. The application is operated by computer only.

F. Assumption and Delimitation of the Research

The researcher makes the following assumptions when designing an English vocabulary application for the seventh grade students at SMP Datok Sulaiman Palopo:

- 1. The questionnaire was answered by the students.
- 2. Experts evaluate objectively in evaluated the design of English vocabulary application.
- 3. The English vocabulary application would be helpful for the students as a learning media of English Vocabulary.

The researcher has several limitations in conducting the research, namely as follows:

- The material in the application is taken from a research product book by Imam Fadli with the title "Designing a Colorful Pictorial English Vocabulary Book for the First Grade Students of SMP Datok Sulaiman Putri Palopo."
- 2. The kinds of vocabulary in this application are the alphabet, things in school, activities in the school, and personal pronouns.
- 3. The sound in this application uses British accents.
- 4. The application product is operated by computer only.
- 5. The research uses the ADDIE model.



CHAPTER II REVIEW OF RELATED LITERATURE

A. Previous Research

There is some previous research that is relevant to this research, as follows:

- Imam Fadli (2020) in the research entitled "Designing A Colorful Pictorial English Vocabulary Book for The First-Grade Students of SMP Datok Sulaiman Palopo". The research aimed to design a colorful pictorial English vocabulary book to improve student's vocabulary. The result of the research gained 98.25% percentage of students' perception with "Excellent" category, so the research was appropriate to the students need, and could improve students' vocabulary. The similarity both of these researches focus on designing English vocabulary learning media for the seventh grade students of SMP Datok Sulaiman Palopo and use research and development method. The difference both of these researches is the previous research designing English vocabulary book while the current research is focus on designing English vocabulary application.
- Kurnianti, W. (2020) in the research entitled "Developing Macromedia flash Learning Media on Vocabulary for Seventh Grade of SMPN 1 Ngambur Pesisir Barat Regency". This research aimed to design learning media to improve students' vocabulary. The result of validity of the media obtained an average score of 3.33 from material expert and 3.73 from media expert then, 3.67 from the attractiveness of the media, so that research was feasible and

interesting to be used in learning English⁶. The similarity, both of these researches focus on English vocabulary learning media research and use the research and development method. The difference between these researches is the previous research was developing Macromedia flash learning media on vocabulary for the seventh grade of SMPN 1 Ngambur while this current research is designing an English vocabulary pronunciation application for the seventh grade students at SMP PMDS Putri Palopo.

3. Abigael Sampebua, Deby Marisa, and Mingsep R. Sampebua (2020) in the research entitled "*The Design of English Vocabulary Learning Application*". This research aimed to design learning media to improve students' ability in mastering English vocabulary, increase students motivation and interest in learning students in learning. The result of the research is English vocabulary learning application can improve students' motivation, trig students' creativities, building students independence learning vocabulary and learning process can be flexible⁷. The similarity both of these researches, focus on design English vocabulary learning media research. The difference between these researches is the objective of the researches, previous research is designing an android application for English vocabulary application based on computer as English vocabulary learning media.

⁶ Wahyu Kurniato, 'Developing Macromedia Flash Learning Media On Vocabulary For The Seventh Grade Of SMPN 1 Ngambur Pesisir Barat Regency', *International Journal in English*, 20.12 (2020).

⁷ Abigael Sampebua, Deby Marisa, and Mingsep R. Sampebua, 'The Design of English Vocabulary Learning Application', *International Journal of Computer Science and Information Security (IJCSIS)*, 18.10 (2020), 55–60.

4. Much Deiniatur in the research entitled (2019) "Developing Learning Media Through Macromedia Flash Application for English Phonology Class". This research aimed to develop a learning media model using Macromedia Flash application for learning English Phonology. The result of the research is effectively used by students of English Language Department of IAIN Metro Lampung in learning the English vocabulary process⁸. The similarity both of these researches used Macromedia Flash as media to develop English learning media. The difference of these researches is the previous research focus on develop English Phonology learning media and the current research focus on design English vocabulary learning media.

B. Some Pertinent Ideas

1. English Vocabulary

a. The Nature of Vocabulary

Vocabulary is a list or collection of words that have meaning. In this case, Sudianto and Tuti (2020) also argue that vocabulary is a collection of words or vocabulary or terms that are owned by a language in a certain environment⁹.

The importance of learning vocabulary according to Mahniza (2018) argues that vocabulary is one aspect of language that must be learned to be able to use a language in communication. Without mastering vocabulary it is impossible to

⁸ Much Deiniatur, 'Developing Learning Media through Macromedia Flash Application for English Phonology Class', *Jurnal Smart*, 5.1 (2019), 45–59 https://doi.org/10.26638/js.781.203X>.

⁹ I F Rozi, E Larasati, and V A Lestari, 'Developing Vocabulary Card Base on Augmented Reality (AR) for Learning English', *IOP Conference Series: Materials Science and Engineering*, 1073.1 (2021), 012061 https://doi.org/10.1088/1757-899X/1073/1/012061>.

communicate well. In addition, in learning vocabulary, students must know the meaning and function of words and also understand how to use them in context¹⁰.

In addition, Rozi et al (2021) argue that students need to be given adequate vocabulary mastery in learning a language and know how to use vocabulary in spoken language. The importance of mastering vocabulary is which aims to support communication¹¹.

From some of these opinions, it can be understood that vocabulary is a sentence in a language that can be reached by its users in communication. In addition, based on Dakhi (2019) talks about the importance of vocabulary, there is vocabulary as a basis for communication, vocabulary as a reflection of social reality, vocabulary as a driver of emotion, and vocabulary as a predictor of academic ability¹².

In his book, Mawardin (2021) also argues that learning vocabulary is largely about remembering and that students must generally see, say, and write newly learned words many times before they can be said to have learned them¹³.

¹⁰ Melda Mahniza, 'THE IMPACT OF PRIMARY SCHOOL STUDENTS' UNDERSTANDING ON ENGLISH VOCABULARIES IN USING GADGETS', Jurnal Pembangunan Wilayah & Kota, 1.3 (2018), 82–91.

¹¹ Rozi, Larasati, and Lestari.

¹² Saniago Dakhi and Tira Nur Fitria, 'The Principles and the Teaching of English Vocabulary: A Review', *JET (Journal of English Teaching)*, 5.1 (2019), 15 <https://doi.org/10.33541/jet.v5i1.956>.

¹³ 'English Vocabulary - Dr. Mawardin M. Said, M.Hum. - Google Buku' <https://books.google.co.id/books?hl=id&lr=&id=-

sM3EAAAQBAJ&oi=fnd&pg=PA1&dq=english+vocabulary+classes&ots=CyXEFGvhmT&sig= DwUQa06h857yy_RI3KY5PrDYR9Q&redir_esc=y#v=onepage&q=english vocabulary classes&f=false> [accessed 17 July 2022].

So, as a foreign student, English vocabulary is important to learn as a basic effort in mastering English. Moreover, English is a lingua franca or a universal language¹⁴. As a universal language, English is used as a communication tool in various fields, including communication, politics, economics, society, education, and technology.

b. Types of Vocabulary

According to Dakhi et al (2019), there are two known categories of vocabulary, namely receptive vocabulary and productive vocabulary¹⁵. Receptive vocabulary is defined as the type of vocabulary that learners encounter while reading and listening. They are the words that readers and listeners use to understand a given message. Meanwhile, productive vocabulary refers to a collection of words used to produce productive messages such as speaking, writing, and pronouncing. This vocabulary type is used to express ideas and feelings.

In addition, there are two kinds of vocabulary namely active vocabulary and passive vocabulary¹⁶. Active vocabulary is made up of words that come to mind and are used to create spoken or written sentences. Passive vocabulary refers to words that people understand when they hear or read them.

¹⁴ Sudianto and Tuti, 'INFLUENCE IMAGE MEDIA TO IMPROVE ENGLISH VOCABULARY Sudianto1', *Tulip, Jurnal Tulisan Ilmiah Pendidikan*, 9.2 (2020), 38–52.

¹⁵ Rakhi and Fitria.

¹⁶ Seftia Ani Fidyaningrum, Shafira Artanita Dewayanti, and Nailul Authar, 'Improving Young Learners Vocabulary Mastery Through Game-Based Learning Using "MOFIN Mystery Box", *Child Education Journal*, 3.2 (2021), 129–36 https://doi.org/10.33086/cej.v3i2.2433>.

In addition, Montgomery (2007) divided the types of vocabulary into 4 types, this types according to the use of vocabulary in four skills in English, namely¹⁷:

1) Listening vocabulary

Listening vocabulary is a collection of vocabulary that is heard of sense hearing and can be understood. For example, Andi talks to Ani, "where are you going?" and Ani heard, can identify what Andi said, and understand the word. That is the listening vocabulary, that some of the words that can hear, identify and understand. Humans have been able to detect sounds since they were in the womb at the time of the fetus as early as 16 weeks. Along with its development, humans continue to learn new words as they grow. By the time they reach adulthood, humans can recognize and understand nearly 50,000 words.

2) Speaking Vocabulary

Speaking vocabulary is a collection of vocabularies that use when speaking. For example go, learn, eat, walk, sit, beautiful, mmm, a, hi, etc. Sometimes speaking vocabulary more simple than writing vocabulary as active vocabulary or productive vocabulary because speaking vocabulary can brief or use sound to represent the speaker's meaning such as mmm, yeah, lemme (let me), isn't (is not), aren't (are not), hadn't (had not), etc. Speaking vocabulary is relatively limited. Most adults use only 5,000 to 10,000 words for conversation or instruction. This number is much less than listening vocabulary it may be due to ease of use.

¹⁷ Montgomery.

3) Reading Vocabulary

Reading vocabulary is a collection of vocabulary that use in writing and then someone read such as in an article, book, magazine, or other forms of reading and can be understood, and also used to learn new vocabulary. Reading new terms can help a person's vocabulary grow. However, it will happen if someone reads frequently, but it is difficult to increase a person's vocabulary if they rarely read.

4) Writing Vocabulary

Writing vocabulary is the vocabulary used to express feelings, ideas, and thoughts in writing. Writing vocabulary is usually widely used in literary works and other forms of writing. Writing vocabulary is strongly influenced by the words that can be spelled. Writing vocabulary is more challenging than speaking vocabulary because spoken language can be clarified through body language and expressions, whereas writing vocabulary cannot. Furthermore, writing vocabulary, particularly in academic writing, is regulated by a set of grammatical rules.

c. English vocabulary classes

The English vocabulary has eight-word classes or commonly known as parts of speech that have functions in sentences. The eight-word classes are divided into two parts, namely content words and function words¹⁸. Content words or also known as lexical words are nouns, verbs, adjectives, and adverbs. Meanwhile,

¹⁸ Sahiinii Lemaina Veikho, Word Classes (Brill, 2021)

https://brill.com/display/book/9789004437982/BP000004.xml [accessed 15 February 2023].

function words are determinants, modals, visits, and prepositions. In English grammar, there are eight categories of parts of speech; noun, pronoun, adjective, verb, adverb, preposition, conjunction, and interjection. Recognizing word classes will make it easier to understand how English functions and how to use it properly and appropriately¹⁹.

1) Noun

A noun is a word that describes a person, place, thing, or idea. For example Teachers, tree, bird, world, clever, sports, and anxiety are some examples of the noun. Some nouns describe a general class of people, places, or things. This is referred to as "general." It does not capitalize unless it is used to start a sentence. For example, tables, books, buildings, and vacations. Some nouns are specific to individuals, places, or things. These are called proper nouns. It is also always capitalized. Examples are Fatimah, Jakarta, Alfa Romeo, Eiffel Tower, and the Flower collection.

2) Pronoun

A pronoun is a word that is used to replace a noun to avoid repetition. Pronouns are used to break up the monotony. As an example of the use of pronouns, "Tono tried to ignore the beeping sound from the cell phone behind him as he began his biology exam. In this sentence, the pronouns are his, him, and he is Tono". The pronoun does not mention the name of a particular person, place, thing, or idea.

¹⁹ Yaber & Laine, *Reviewing Basic Grammar A GUIDE TO WRITING SENTENCES* AND PARAGRAPHS, 2009.

Co	mmonly Used Pronouns
I, me, my, mine	we, us, our, ours
you, your, yours	they, them, their, theirs
he, him, his	anybody, everybody, somebody
she, her, hers	everyone, no one, someone
it, its	something, some, all, many, any
who, whose, whom	each, none, one, this, that, these, those, which, what

Figure 2.1 Commonly Used Pronouns

3) Verb

The verb is a word that describes the action or state of a noun, pronoun, or thing. There are two varieties of verbs. First, an action verb tells about what a noun or pronoun does. For example, go, study, read, walk, cook, etc. Second, a linking verb expresses a state rather than an action. Am, are, is, was, and were, are the most common linking verbs derived from the verb to be. Other common linking verbs include appear, become, grow, remain, and appear, and the verb "senses": feel, see, smell, sound, and taste.

4) Adjective

Adjectives are the words used to describe person, place, and things. Example: beautiful, good, well, fine, old, young, short, tall, etc. Adjectives usually answer one of the following questions: How many? What kind? Which one? What color?

5) Adverb

Adverbs are words that explain or modify verbs, adjectives, and other adverbs. These words describe how, when, where, and to what extent the action occurs. For instance: today, tomorrow, last week, outside, never, frequently, twice, quickly, quickly, etc.

6) Preposition

A preposition is a word used to describe a place, direction, time, position, and so on. Prepositions are words such as at, in, by, from, and on. These words are usually followed by nouns or pronouns such as at home, from the market.

7) Conjunction

Conjunctions are words that connect words or groups of words such as phrases, or sentences. For example, but, if, before, after, etc. In a sense, it simply indicates the difference between another word or group of words. Examples of using conjunctions in sentences are as follows:

- You and I are classmates.
- We left the market before 5 pm.
- 8) Interjection

The interjection is a word that expresses emotion and has no grammatical relationship with the rest of the sentence. Usually, a mild interjection followed by a comma like:

- No, I don't think that stuff is good.
- Oh, I guess the kids might have some cake.

Whereas a strong interjection point requires an exclamation mark, for example:

- Wow!
- My phone bill is Ouch!
- I'm here!
- Hey!

Yeah!

2. Multimedia Application

A multimedia application is one of the learning media types. Types of learning media by development in technology and communication consist of audio media, visual media, audio-visual media, animated media, and multimedia-based media²⁰.

The use of technological developments can be used as a forum to improve the quality of learning, such as in the development of learning media. Technology can be used in developing more interactive learning media because it combines several elements in it. The hardware or software used for creating and running multimedia application Kwon as multimedia technology (Kapi et al., 2017)²¹.

Multimedia is a combination of media types such as text, symbols, images, pictures, audio, video, and animation usually with aid of technology to enhance

²⁰ M.Pd Dr. Hasnul Fikri, M.Pd. and Ade Sri Madona, S.Pd., *Pengambangan Media Pembelajaran Berbasis Multimedia Interaktif*, 2546.

²¹ M. D. Abdulrahaman and others, 'Multimedia Tools in the Teaching and Learning Processes: A Systematic Review', *Heliyon*, 6.11 (2020), e05312 <hr/><hr/><hr/><hr/><hr/><hr/><hr/>

understanding or memorization (Guan et al., 2018). In this case, Suyanto (2003) also argues that multimedia is the use of computers to create and combine text, graphics, audio, and moving images (video and animation) by using links and tools to navigate, interact, and communicate²².

According to Dhanta (2009), an application is software created by a company or someone who is made to do certain tasks such as Macromedia flash, Microsoft word, Microsoft excel, and others. Meanwhile, according to Rachmat Hakim S (2013), applications are software used to manage windows and games (games), and so on²³.

From the explanation above, it can be understood that multimedia applications are software created by programmers or certain companies to carry out certain multimedia-based tasks in which there is an amalgamation of several elements such as text, audio, images, graphics, or moving images (video and animation) with useful links and tools to navigate, interact, and communicate.

Multimedia is divided into two categories they are linear multimedia and interactive multimedia²⁴. Linear multimedia is multimedia that is not equipped with any controller just a user that can operate it. Example: television and

²² Inung Diah Kurniawati and Sekreningsih - Nita, 'Media Pembelajaran Berbasis Multimedia Interaktif Untuk Meningkatkan Pemahaman Konsep Mahasiswa', *DoubleClick: Journal of Computer and Information Technology*, 1.2 (2018), 68 <https://doi.org/10.25273/doubleclick.v1i2.1540>.

 ²³ Winia Waziana, Leni Anggraeni, and Nur Laela Sari, 'Penerapan Aplikasi Pembelajaran Bahasa Inggris Dasar Berbasis Multimedia', *Jurnal TAM (Technology Acceptance Model)*, 7 (2016), 22–26.
 ²⁴ Reza Rachmadtullah, M. S. Zulela, and Mohamad Syarif Sumantri, 'Development of

²⁴ Reza Rachmadtullah, M. S. Zulela, and Mohamad Syarif Sumantri, 'Development of Computer-Based Interactive Multimedia: Study on Learning in Elementary Education, *International Journal of Engineering and Technology(UAE)*, 7.4 (2018), 2035–38 https://doi.org/10.14419/ijet.v7i4.16384>.

movies. While interactive multimedia is multimedia that is equipped with useroperated controller tools, so they can choose what they want in the next process. Examples: interactive games, interactive learning media, and CD applications. In addition, an interactive multimedia is a tool that can be operated by users in carrying out the desired operation. Hofstetter, interactive multimedia is the use of computers that combines text, graphics, audio, images/animation, and video.

Multimedia interactive function can explain complex and dynamic concepts more clearly, facilitates remembering content easily and improve understanding of topic content to student's perspectives, and makes students more interested in learning²⁵.

3. Macromedia Flash

Macromedia Flash is software that can be used also for adding dynamic aspects of a web or making interactively animated films in addition to the ability to make animated, flash is also used to make the learning media²⁶. According to Walisda (2015), Macromedia flash is one software that can create learning media in the form of audio and visual²⁷. Apart from these two opinions, it can be understood that Macromedia flash is a multimedia and animation program used by programmers or designers in creating creative applications, animated films, business presentations, and activities.

²⁵ Rachmadtullah, Zulela, and Sumantri.

²⁶ Kurniato.

²⁷ Very Hendra Saputra and Permata Permata, 'Media Pembelajaran Interaktif Menggunakan Macromedia Flash Pada Materi Bangun Ruang', *WACANA AKADEMIKA: Majalah Ilmiah Kependidikan*, 2.2 (2018), 116 https://doi.org/10.30738/wa.v2i2.3184>.

Macromedia Flash can be used to develop multimedia-based learning media. The resulting multimedia is interactive. The use of Macromedia flash can be used as a learning medium as well as a tool to create applications that are useful for teachers as a tool in preparing teaching materials and in organizing learning²⁸.

According to Sri (2018:1), some of the advantages of Macromedia Flash are:

- Macromedia Flash is easy to learn for beginners who are new to the world of design.
- b. The use of Macromedia Flash can be used easily and freely in creating animations as desired.
- c. Macromedia Flash can produce files with a small size because Flash uses vector-based animation.
- d. Macromedia flash generates files of type (extension). FLA is flexible because it can be converted into swf, html, gif, exe, and mov files.

The advantages of Macromedia flash according to Fero (2011: 10-12):

- a. Animations and graphics are consistent and flexible, as they still look good on windows sizes and screen resolutions regardless of the user's monitor
- b. Image quality is maintained, this is because flash uses vector graphics technology which describes images using curves and lines, the size of which can be changed as needed without affecting image quality.

²⁸ Rubhan Masykur, Nofrizal, and Muhammad Syazali, 'Pengembangan Media Pembelajaran Matematika Dengan Macromedia Flash', *Al-Jabar: Jurnal Pendidikan Matematika*, 8 (2017), 177–86.

- c. Faster loading time compared to other animation processing applications like apple java and animated gift.
- d. Able to make websites interactive, because users can use the keyboard or mouse to move to other parts of the web page or movie, move to objects, and enter information into forms.
- e. Able to update complex animated graphics very quickly, so that the creation of full-screen animations can be directly connected to the website.
- f. Capable of executing some frames automatically between the start and end of an animation sequence, so it doesn't take long to create various animations.
- g. Easy to integrate with other Macromedia programs, such as dream weaver, fireworks, and author ware.
- h. Can be integrated with server-side scriptings (server-side scripting) such as ASP, PHP, and CGI in creating web database applications.
- i. Wide scope, the use Macromedia flash can be used in making short films or cartoons, animations, presentations, navigation controls, advertisements or web banners, etc.
- 4. Designing Learning Media

According to Bruner's theory explain that using media, students will gain experience in learning. In Bruner's case, there are three main levels of learning modes that are interrelated with each other in gaining new experience, knowledge, skills, or attitudes, namely direct experience (enactive), pictorial or image experience (iconic), and abstract experience (symbolic)²⁹. The three levels are interrelated to gain experience, skills, and new attitudes.

From Burner's theory, it can be understood that dominant teaching and learning are successful if the teacher can display a stimulus that can be learned with various senses. More senses that play a role, the more real and the greater the information received by students.

Concerning Burner's theory, this theory is supported by the theoretical basis of Edgar Dale regarding the use of learning media. Dale estimates that the acquisition of learning outcomes through observation or sight is about 75%, through the sense of hearing about 13%, and through other senses about 12%³⁰. So according to Dale, learning media that provide direct experience give the most complete impression and are related to information and ideas from the experience.

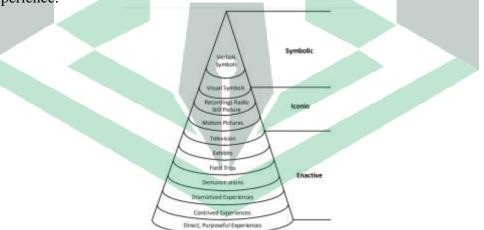


Figure 2.2 Dale's Cone of Experience (1969) Nuraeni and others, 2020

²⁹ Rintis Rizkia Pangestika and Supriyono, 'Pengembangan RPP Matematika Berbasis Teori Bruner Bermuatan Karakter Untuk Sekolah Dasar Rintis Rizkia Pangestika, Supriyono', *JURNAL GENTALA PENDIDIKAN DASAR*, 6.2 (2021), 48–61.

³⁰ Z. Nuraeni and others, 'Development of an Android-Based Math Equation Editor', *Journal of Physics: Conference Series*, 1480.1 (2020) https://doi.org/10.1088/1742-6596/1480/1/012013>.

5. R&D Instructional Design Model

R&D or research and design are one of the research methods. According to Gay (1990), development research is an attempt to develop an effective product and not to test the theory. Borg and Gall (1983) also define development research as a process for developing and validating a developed product which consists of studying research finding goals for the product to be produced or developed, then product development, product testing, and revision of the test results. Then Seals and Richey also argue that development research is a systematic study of the design, development, and evaluation of products that must meet the criteria of validity, practicality, and effectiveness³¹.

From some of these opinions, it can be understood that development research is research that examines the systematic design or development of products and evaluates the effectiveness product.

In development research, there are several models³², namely:

a. Borg and Gall development method

This development model was developed by Borg and Gall (1983), this development model uses a waterfall path at the development stage. This development model has a fairly long stage.

³¹ Samsu, Metode Penelitian: Teori Dan Aplikasi Penelitian Kualitatif, Kuantitatif, Mixed Methods, Serta Research & Development, Diterbitkan Oleh: Pusat Studi Agama Dan Kemasyarakatan (PUSAKA), 2017.

³² Albet Maydiantoro, 'MODEL-MODEL PENELITIAN PENGEMBANGAN (RESEARCH AND DEVELOPMENT)', 10, 2019.

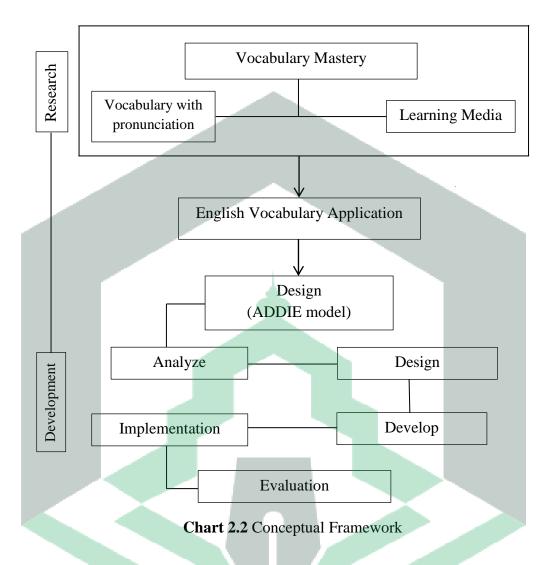
There are 10 stages in this development model, namely research and information collecting, planning, developing the preliminary form of product, preliminary field testing, main product revision, main field testing, operational field revision, operational field testing, final product revision, and dissemination and implementation.

b. 4D development model

This development model was developed by Thiagarajan (1974). This research model has 4 development stages, namely the define or needs analysis stage, the design or drafting stage of the conceptual framework model, develop stage, namely the development stage which involves product feasibility validation tests, and finally the disseminate stage, namely the product implementation stage on the research target or subject.

c. ADDIE development model

The ADDIE development model is a development model consisting of 5 stages developed by Dick and Carey (1996). The stages of the ADDIE development model are analysis, design, development or production, implementation or delivery, and evaluation.



Vocabulary is an important basic science for foreign language learners to learn. As foreign learners, vocabulary is a compulsory subject to be studied.

At the design stage of learning media, researchers used the Research and Development method by applying the ADDIE model. First, the researchers analyzed the needs of students through observations of an English teacher and several students. After collecting data, the researcher designed the prototype of English vocabulary application learning media in the form of a multimedia application. After that, the researchers designed the multimedia application based on the result's needs. In addition, researchers also designed a product evaluation tool to test the product. Then researchers after designing, the product will validate experts' and students' perceptions. After that, the researchers carry out product development to develop and correct deficiencies in the product. After that, the product is evaluated is the product appropriate to the student's needs.



CHAPTER III RESEARCH METHOD

A. Research Design

The design of the research was Research and Development method. In this research and development products can be in the form of a book, worksheet, syllabus, program, module, software or application, and other products.

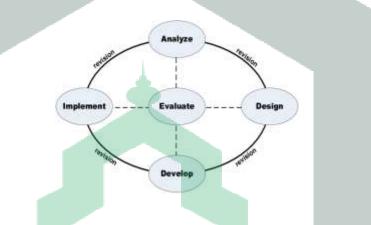


Figure 3.1 Core elements of ADDIE Model (Source: researchgate.net accessed April, 12th 2022)

This research was a continuation of previous research by Imam Fadli who designed an English vocabulary book for the seventh grade students of SMP Datok Sulaiman Palopo. In this research, the researcher used the ADDIE model developed by Dick and Carey (1996). This research model consists of 5 stages, namely analysis, design, development, implementation, and evaluation. So, in the designing of the English vocabulary application for the seventh grade students of SMP Datok Sulaiman Palopo, the researcher conducted to the observation of English teacher of SMP Datok Sulaiman Palopo and analysis to Imam Fadli research and product, then compiled a product prototype, developed a product based on experts validation, implemented the product to the target, then evaluated the product based on the data collected.

B. Place and Time of the Research

This research was conducted at SMP Datok Sulaiman Palopo. The observation did on June, 16th 2022. The try-out/implementation of the product held on January, 13th 2022.

C. The subject of the Research

The subject of this research was the VII B grade students of SMP Datok Sulaiman Palopo there are 34 students.

D. Research Procedures

In this research, the researcher applied ADDIE model to designing English vocabulary application for the seventh grade students of SMP Datok Sulaiman Palopo. The procedures of this research were:

1. Analyze

At this stage conducted observation and need analysis to find out the problems. The observation did to English teacher at SMP Datok Sulaiman Palopo. The purpose of the need analysis was carried out to ensure that the data is relevant and follows the needs of students³³. Because this research was a continuation research of previous research by Imam Fadli, so researcher focuses on observation to get information addition and analyze Imam Fadli's research and his book

³³ St Hartina and Syahrir Syahrir, 'The Inappropriateness of English for Specific Purposes (ESP) with Learner's Goals: A Need Analysis on Communication and Islamic Broadcasting Program' http://journal.unilak.ac.id/index.php/elsya/article/view/6671/3132 [accessed 6 July 2022].

product. So, the researcher focused on design an English vocabulary application product with the content adopted from Imam Fadli's book. The book was colorful pictorial English vocabulary book that consist of vocabulary list and daily expressions that completed with colorful picture, phonetics symbols of pronunciation the vocabularies and exercise. The kinds of vocabulary adopted from Imam Fadli's book product were English vocabulary around the students at SMP Datok Sulaiman Palopo. The materials adopted from Imam Fadli's book were:

- Part 1 Phonetic Symbol, the vocabularies are example of vocabularies that have sound that correspond to sound in phonetic symbols such as vowel symbols and consonant symbols.
- Part 2 Alphabet, the vocabularies are alphabets, and vocabulary according to the alphabet.
- Part 3 Things in school, the vocabularies are vocabularies that around the students at SMP Datok Sulaiman Palopo such as things in the mosque, classroom, things in the classroom, things in the dormitory, things around the school, and things in the dining area.
- Part 4 Activities in the school, the vocabularies are vocabularies about students' activities at SMP Datok Sulaiman Palopo such as regular verbs and irregular verbs, activities in the dormitory, activities in the classroom, activities in worship, and activities in sport.
- Part 5 Personal Pronoun, the vocabularies are vocabularies about personal pronouns such as subject and object pronouns.

- Part 6 Daily Expressions, list of daily expressions that are often used by the students at SMP Datok Sulaiman Palopo.
- 2. Design

In this stage, the researcher designed the product. The product was made based on the results of book of the previous research at SMP Datok Sulaiman Palopo by Imam Fadli. In designing the English vocabulary application, the researcher used Macromedia Flash as software to build the application.

3. Develop

This stage, the initial product has been made. The product was given to the expert to be assessed to ensure the product was appropriate and ready to be implemented or try out. After receiving the assessment, the researcher carried out the product development stage based on the validation results from the experts.

4. Implementation

At this stage, after developing the product, it would be try out to the students. The aimed of this stage was to determine the suitable of product according to the opinion of the students' needs as the research target. This implementation was carried out to the seven grade students of SMP Datok Sulaiman Palopo.

5. Evaluate

The researcher evaluated the product of English vocabulary application. This evaluation was based on a student perception questionnaire and the results of expert assessments. This stage aimed to determine whether the product that has been made was accurate according to the needs of students in learning English vocabulary.

E. Technique of Data Collection

The technique of data collections in this research used several instruments that used by researchers in obtaining data, include:

1. Observation

Observation conducted on June, 16th 2022. Researcher observed about the obstacles that faced by the students in vocabulary and its pronunciation and potential in using application at SMP Datok Sulaiman.

2. Questionnaire

The questionnaire was divided into two forms. The questionnaire was for assessment or validation and responses by experts and students' perceptions. These questionnaires were as the primary data.

3. Interview

Researcher conducted interviews with English teacher and students at SMP Datok Sulaiman Palopo to collect data or information to support data from the questionnaire in obtaining more specific information or in other words as secondary data.

F. Technique of Data Analysis

The analysis techniques of data of this research were:

1. Analyze the result of observation and interview

The steps used in the observation and interview used Miles and Huberman's model (1984). This model divided into 3 stages, namely data reduction or summarizing, selecting the main things, focusing on important things, and removing unnecessary, data display of brief description, flowcharts, and others, and conclusion or verification.

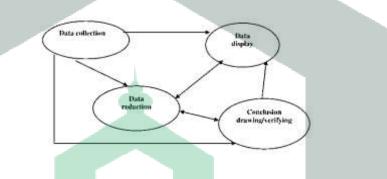


Figure 3.2 Miles and Huberman's Model (Source: researchgate.net accessed May

7th, 2022)

2. Analyze the result of questionnaire analyze

The result of the questionnaire was validated by expert. The results of the need analysis questionnaire were calculated by using the following formula below³⁴:



Where:

X = Mean

³⁴ Inriani, 'DEVELOPING A VOCABULARY BOOK FOR SCOUT ORGANIZATION IN IAIN PALOPO', 2021.

 $\sum x = total of an aspect$

N = total of instruments' questions

3. Analyze the validation of the product and students' perception

The result of the data calculated into average of the answer by respondents. The researcher calculated the data of expert validation and students' perception by applied the *Likert Scale*. The formula proposed by Arifin, Z (2013) as cited in Batari AS (2021) can be seen as follow:

Total score		=
The number of answer Very Poor	: VP x 1	=
The number of answer Poor	: P x 2	=
The number of answer Fairly	:F x 3	=
The number of answer Good	: G x 4	=
The number of answer Very Good	: VG x 5	=

Then, calculated the total score, the researcher averaged the total score by

using the formula below:



M: Mean Score

B: Total Score

N: The Number Topic of Materials

After collecting the mean score, the researcher calculated the data to find out the value by using the formula below:

$$\mathbf{X} = \frac{\mathbf{M}}{N} \mathbf{x} \ \mathbf{100\%}$$

X = Value(%)

M = Mean Score

N = Highest rate of value

After calculated the mean score, the researcher defined them as an appropriate English vocabulary application for the seventh grade of SMP Datok Sulaiman Palopo.

Table 3.1 Material Topics Qualification of the Product Evaluation

Score	Percentage	Qualification	Categories
4,2 - 5,0	84% - 100%	Very Good	Can be utilized without revision.
			Can be utilized with a
3,4 - 4,1	68% - 82%	Good	little revision
			Can be utilized with much
2,6 - 3,3	52% - 66%	Fairly	revision
1,8 – 2,5	36% - 50%	Poor	Cannot be utilized
10 17	20% - 34%	Vory Door	Cannot be utilized and
1,0 – 1,7	20% - 34%	Very Poor	need much revision

	Average		0.4	Experties
No Indicators	Score	Qualifications	Categories	Suggestion
Tab	le 3.3 The Exa	ample of Table Stu	idents' Percept	tion
XX X 10 /			1.0. /	
No Indicato	rs Aver	age Score Qua	lifications	Categories

Table 3.2 The Example	e of Table Expert	Validation
	c of fuole Lapen	vanaanon

CHAPTER IV RESEARCH FINDING AND DISCUSSION

In this chapter, the researcher explains the findings and discussion of the research process in designing English vocabulary application for the first grade students of SMP Datok Sulaiman Palopo.

A. Research Findings

This research uses the Research and Development (R&D) method by developing learning media products in the form of applications for vocabulary learning for students in the seventh grade at Datok Sulaiman Putri Palopo Modern Islamic Boarding School. The ADDIE model is used in development, and it consists of several stages, including Analysis, Design, Development, Implementation, and Evaluation. Based on the research and development carried out, the following research results were obtained:

1. Analysis

At this stage, the researcher analyzes the previous research conducted by Imam Fadli with the research title "Designing A Colorful Pictorial English Vocabulary Book for the First Grade Students of SMP Datok Sulaiman Putri Palopo and make additional observations at the location of Imam Fadli's research.

a. Result of Analysis from the Previous Research

Based on the results of the analysis of Imam Fadli's research, researchers got some background problems that underline Imam Fadli's research based on student observations and interviews with English teachers at SMP Datok Sulaiman as for the observations found by Imam Fadli conducted on June, 7th 2021 are students have difficulty mastering English vocabulary, the students are interested in learning to use pictorial media, the students are easy to memorize but do not know many English terms or vocabulary around them, and one of the factors that students find it difficult to speak English is due to limited English vocabulary.

1) Result Need analysis from previous research

The results of the need analysis in previous research by Imam Fadli are as follows:

a) Target needs

No.	Category	Option	Percentage (%)
A.	Need Analysis	1. English vocabulary about activities	38%
	Result	carried out at the pesantren.	3870
		2. English vocabulary about object in	36%
		Pesantren.	3070
		3. English vocabulary about places in	
		pesantren (such as mosques,	26%
		lassrooms, toilets)	
В.	Lack of Analysis'	1. Know a little English vocabulary.	74%
	result	2. Able to communicate sufficiently	
		on several topics with the short	18%
		conversations.	
		3. Able to communicate sufficiently	
		on several topics with long	6%
		conversations.	
		4. Able to communicate fluently on	3%

Table 4.1 Target Need

			most topics.	
			5. Other.	0%
C.	Wants	Analysis'	1. Verb in daily conversation	40%
	Result		2. Verb in classroom conversation	19%
			3. Verb in short story	14%
			4. Other	7%

b) Learning needs

Table	4.2 Le	arning	Needs
-------	--------	--------	-------

No.	Category	Option	Percentage (%)			
	Learning Material					
А.	The Percentage of	1. Eat and drink	18%			
	Activities that	2. Reading Al-Qur'an	16%			
	Students Do the	3. Fardhu Prayer	16%			
	Outside of Class	4. Study	16%			
		5. Exercising	13%			
		6. Other	13%			
		7. Scout	8%			
B.	The Percentage of	1. Study	24%			
	Activities that	2. Take a Rest	22%			
	Students Do in the	3. Chat with fellow dorm mates	21%			
	Dormitory	4. Eat	20%			
		5. Other	14%			
C.	The Percentage of	1. Paying attention to teacher's	35%			
	Students Do in the	explanation	55%			
	Classroom	2. Reading book	22%			
		3. Discussing	18%			
		4. Doing the exercises	18%			
		5. Others	8%			
D.	The Percentage of	1. The objects around the school	39%			
	English Noun	2. The objects in the classroom	23%			
	Vocabulary that	3. The objects in the mosque	18%			
	Students Wanted	4. The objects in the library	18%			
		5. Others	3%			
E.	The percentage of	1. Reading Al-Qur'an	16%			
	Worship Activities	2. Sunnah Prayers	14%			

	that Students	3. Give a charity	14%
Wanted		4. Pilgrimage	14%
		5. Ablution (wudhu)	13%
		6. Fard prayers	13%
		7. Zakat	12%
		8. Others	4%
		Learning Media	
F.	The Percentage	1. Caricature (illustration)	61%
	about kinds of	2. A Picture with real object (photo)	
	picture that		39%
	students like		
G.	The Percentage of	1. Cool color (blue, turquoise, and	38%
	Color Palettes that	purple)	3870
Students Like.		2. Achromatic color (white, grey,	35%
		and black)	3370
		3. Warm color (yellow, orange,	15%
		brown, and red)	1370
		4. Other	12%

2) Content of the book of previous research

As for the contents of the book of Imam Fadli's research, as follows:

Part	Theme	Sub Theme	Goal
1.	Alphabet	 The alphabet in English Vocabulary for each letter The pronunciation of the vocabulary The vocabulary illustration The translation in Bahasa Indonesia 	 Students are able to know vocabulary based on alphabet letter. Students are able to pronounce the vocabulary.
2.	Things in the School	 Noun vocabulary on the school The pronunciation of the vocabulary 	 Students are able to know vocabulary of things in school.

 Table 4.3 The Content of the Designed Product

		• The vocabulary picture •	Students are able
		illustration	to pronounce
		• The translation in Bahasa	vocabulary of
		Indonesia	things in school.
3.	Activities in the	• Verb vocabulary in the •	Students are able
	School	school	to know
		• The regular and irregular	vocabulary of
		verb forms	verb in the
		• The pronunciation of the	school.
		vocabulary	Students are able
		• The vocabulary picture	to pronounce
		illustration	vocabulary of
		• The translation on Bahasa	verb in the
		Indonesia	school.
4.	Personal	• The personal pronoun in •	Students are able
	Pronoun	English	to know personal
		• The pronunciation of the	pronouns in
		vocabulary	English such
		• The picture illustration for	subject and
		each vocabulary	object pronoun.
		• The example in an English •	Students are able
		word	to pronounce
		• The translation on Bahasa	kinds personal
		Indonesia	pronoun.
5.	Daily	• The Islamic daily	Students are able
	Expressions	expressions	to know daily
		• The translation on Bahasa	expressions.
		Indonesia	Students are able
			to know the
			meaning of each
			daily
			conversation on
			Bahasa
			Indonesia.

3) Blueprint of the book of previous research

The blueprint for the research book product by Imam Fadli is as follows:

Theory	Dimension	Elements of the Book	Objective
Colorful	Vocabulary	Vocabulary with	Providing English
pictorial	mastery	pictures	vocabulary with pictures
vocabulary			that able to improve
			students' interest and
			comprehension of the
			vocabulary.
		Phonetic Symbol	Pronouncing the vocabulary
			correctly and fluently for
			the students.
	Use	Some examples	Helping the students in
	vocabulary in	of English	applying vocabulary into a
	a sentence	sentences	sentence.
	Discover	List of vocabulary	Assisting the students in
	students'	and vocabulary	arranging vocabulary for
	ability	test.	each part and providing the
			students to discover their
			vocabulary mastery.

Table 4.4 The Blueprint of the Imar	n Fadli's Product
-------------------------------------	-------------------

b. The Result of the Additional Observation

After the researchers analyzed Imam Fadli's research and Imam Fadli's research products, the researcher found deficiencies in Imam Fadli's research products. The shortcomings in Imam Fadli's research are the lack of audio that supports the pronunciation of each vocabulary in his book. So the researchers took the initiative to design interactive multimedia-based learning media in the form of application that can contain images, audio, text, animation and other

additional media. This is in line with developing Imam Fadli's products into learning media in the form of applications.

From this, the researcher did an additional observation to find out whether the development of Imam Fadli's book products into applications had the potential for the location and subject of research and whether the learning media in the form of applications answered the needs of students at Datok Sulaiman Putri Palopo Junior High School.

Researcher did an observation at Datok Sulaiman Putri Palopo Junior High School on Thursday, June 16, 2022. Based on the results of interview, the results showed that there were computer lab units that could be used by students of 20 computer units to learn ICT (Information and Communication Technology). In addition, the students of SMP Datok Sulaiman, apart from their lack of mastery of English vocabulary, also experienced difficulties in terms of pronouncing English. Thus, some students choose not to use English or choose silence. In addition, some students felt embarrassed because of incorrect pronunciation. They have difficulty with writing English vocabulary that is different with the pronunciation.

2. Designing

a. Making application design

After the researchers analyzed Imam Fadli's research and products as well as additional observation, carried out the initial design of the product prototype, namely in the form of an application display design, and determined additional complementary objects. (*See appendix 3*)

b. Collection of design objects in the form of audio, background, and supporting caricatures

Audio collection for vocabulary adopted from Imam Fadli's book products uses voice maker which is a link that can convert a text into audio or artificial intelligence that converts a text into audio that is suitable for native speakers.

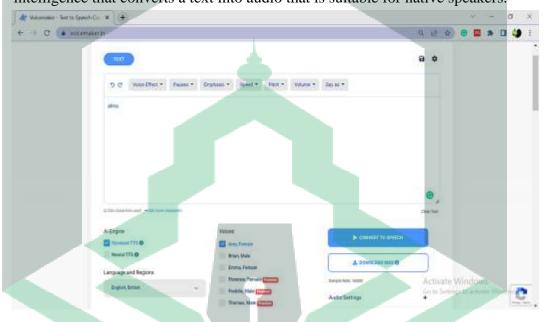


Figure 4.1 Voicemaker Display (Source: <u>https://voicemaker.in/)</u> In addition to collecting audio, the researchers also collected background images, button, and supporting caricatures.

After all the objects needed in making the application have been collected, then the making of the English vocabulary application begins to be made.

c. Designing English vocabulary application by using Macromedia Flash

This stage the researcher input all the items need in designing English vocabulary application such as background, image, button, and audio into macromedia flash.



Figure 4.2 Display of Macromedia Flash

The figure above is display of Macromedia Flash that is the first display where designer or software engineer can choose format need. In make an application designer choose "flash form application" to make English vocabulary application.

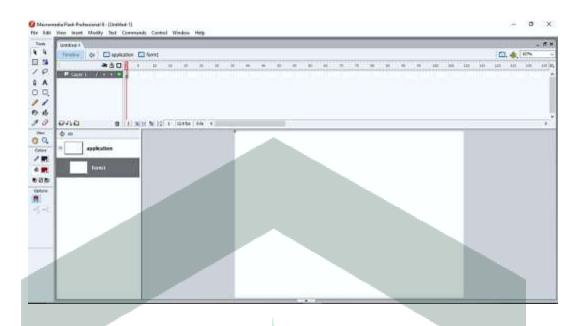


Figure 4.3 Display of Flash Form Application

Display of flash form application is a Macromedia Flash worksheet. On this worksheet, the designer inputs background, images, text and audio and also button based on prototype design of English vocabulary application.

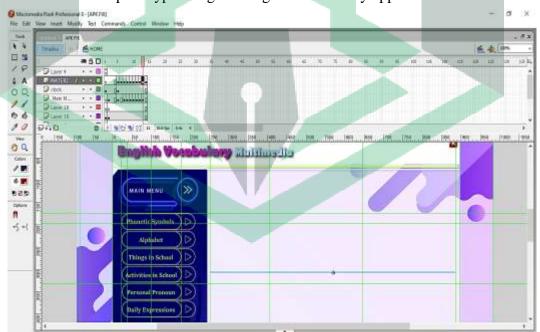


Figure 4.4 Display of Macromedia Flash Worksheet of English Vocabulary Application

That is the final display of designing English vocabulary application in macromedia worksheet after placing all the items needed on the Macromedia Flash worksheet and have been entered into the programming language. The last stage of designing application is running the program to be an application.

d. Designing guidebook of English Vocabulary Application

After design English vocabulary Application for the seventh grade students of SMP Datok Sulaiman, the researcher continue by making guidebook in using English vocabulary application. Making an English vocabulary application guidebook aims to make it easier for users to use English vocabulary application.

3. Developing

a. The result of instrument validation

After making the application of English vocabulary, the researcher arranged the instrument used based on the validation criteria which would be given to several experts to use. Prior to product validation, the instrument was validated by experts, namely language validation and material validation.

Aspects	Score
Contents	2.3
Scope of Contents	3.75
Language	5
Average Score	3.68

Table 4.5 The result of the Instrument's Validation of Expert

b. The result of expert validation

There are three experts that validated this English Vocabulary Application, they are Dr. Masruddin, S.S, M.Hum as the language expert, Imam Fadli S.Pd. as the design and layout expert, and Sufianti, S.Pd as the material expert.

1) Design and layout

No	Criteria	Score	Description	Follow Up
A. D	Display Aspect			
1.	The layout of the opening display for the English Vocabulary application	5	Very Good	It can be utilized without revision
2.	The display quality of the EnglishVocabularyApplication	4	Good	It can be utilized without revision
3.	Selection of appropriate display design colors	4	Good	It can be utilized without revision
4.	Button placement consistency	5	Very Good	It can be utilized without revision
5.	Compatibility of the button with the background	4	Good	It can be utilized without revision
6.	Image display quality	4	Good	It can be utilized without revision
7.	The background color matches the text	5	Very Good	It can be utilized without revision
8.	Appropriate font size and type	4	Good	More elegant when using sans- serif type
9.	Accurate use of language	5	Very Good	It can be utilized without revision
10.	Move from one slide to the next slide	4	Good	It can be utilized without revision
11.	Sound clarity	5	Very Good	It can be utilized without revision
12.	Systematic material preparation	5	Very good	It can be utilized without revision
13.	The Opening page display	4	Good	It can be utilized without revision
14.	The main menu page display	4	Good	It can be utilized without revision

Table 4.6 The Result of the Product Validation by the Design and Layout Expert

15.	The profile and reference menu display	4	Good	It can be utilized without revision
B. P	rogram Aspect			
16.	Ease of operation of the application	4	Good	It can be utilized without revision
17.	The suitability of the background sound in the application	5	Very Good	It can be utilized without revision
18.	The suitability of the audio on the button	5	Very Good	It can be utilized without revision
19.	The suitability of the audio on the material slides	5	Very Good	It can be utilized without revision
20.	The smooth of operation of the button	4	Good	It can be utilized without revision
_	Total Score	89		

The mean score of the design and layout expert validation was calculated

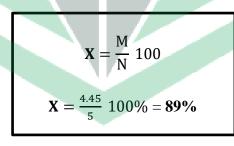
below:

$$M = \frac{B}{N} = \frac{89}{20} = 4.45$$

Figure 4.5

The percentage of the design and layout expert validation was calculated

below:





According to the data, the result of design and layout validation got the mean score 4.45 and 89% of percentages which qualified as "Very Good". The result of validation of design and layout indicates that English Vocabulary Application can be utilized without revision.

2) Language

Table 4.7 The result of the product validation by the language expert

No	Criteria	Score	Description	Follow Up
1.	The use of language in the English Vocabulary Application is in accordance with the correct grammar.	4	Good	It can be utilized without revision
2.	The vocabulary presented in this English Vocabulary Application is in accordance with the level of cognitive development of students.	5	Very Good	It can be utilized without revision
3.	The vocabulary presented is easy to understand.	4	Good	It can be utilized without revision
4.	The overall vocabulary is in accordance with the students' language abilities.	4	Good	It can be utilized without revision
5.	The exercise instructions use grammar and are easy to understand.	4	Good	It can be utilized without revision
	Total Score	21		

The mean score of the language validation by expert was calculated below:

$$M = \frac{B}{N} = \frac{21}{5} = 4.2$$

Figure 4.7

The percentage of the language validation by expert was calculated below:

$$\mathbf{X} = \frac{M}{N} 100\%$$
$$\mathbf{X} = \frac{4.2}{5} 100\% = \mathbf{84\%}$$

Figure 4.8

According to the data, the result of the language validation by the expert got the mean score 4.2 with 84% percentage with qualified "Very Good". The

result of the language validation indicates the English Vocabulary Application can be used without revision.

3) Material

Table 4.8 the Result of the Product	t Validation by the Material E	Expert
-------------------------------------	--------------------------------	--------

No	Criteria	Score	Description	Follow Up
A.	Content			
1.	The scope of vocabulary in the English vocabulary Application suits the needs of the first grade students of SMP Datok Sulaiman Palopo	4	Good	It can be utilized without revision
2.	The depth of vocabulary in the English Vocabulary Application for the first grade students of SMP Datok Sulaiman Palopo is adequate.	5	Good	It can be utilized without revision
3.	The authenticity of vocabulary in English Vocabulary Application for the first grade students of SMP Datok Sulaiman Palopo is adequate.	4	Good	It can be utilized without revision
B. .	Activity			
4.	The activities in each task vary.	5	Very Good	It can be utilized without revision
5.	Activities in the task can motivate students to master English vocabulary.	5	Very Good	
6.	Activities in the assignment involve the role of students.	5	Very Good	It can be utilized with a little revision
7.	Activities in the English Vocabulary Application are very helpful in students' real lives.	5	Very Good	It can be utilized without revision
8.	The activities in the task are arranged from easy to difficult levels.	5	Very Good	It can be utilized without revision
9.	Forms of exercise activities according to the topic.	4	Good	It can be utilized without revision
10.	Exercise activities help students in mastering English vocabulary.	5	Very Good	It can be utilized without revision

11.	Exercises on the English Vocabulary Application help students review material.	5	Very Good	It can be utilized without revision	
C. I	nput				
12.	Vocabulary input in the English Vocabulary Application helps students improve their vocabulary.	5	Very Good	It can be utilized without revision	
13.	Vocabulary input in the English Vocabulary Application is interesting.	5	Very Good	It can be utilized without revision	
14.	Input vocabulary relevant to text and images.	5	Very Good	It can be utilized without revision	
15.	Vocabulary input in the English Vocabulary Application corresponds to the language skills of seventh-grade students at SMP Datok Sulaiman Palopo.	5	Very Good	It can be utilized without revision	
16.	Vocabulary input in the English Vocabulary App includes the correct language structure.	5	Very Good	It can be utilized without revision	
17.	The choice of English Vocabulary Application is according to student characteristics.	5	Very Good	It can be utilized without revision	
18.	Vocabulary input in the English Vocabulary Application can add insight to SMP Datok Sulaiman Palopo students.	5	Very Good	It can be utilized without revision	
	Total Score	87			
The mean score of the material validation by the expert was calculated					

The mean score of the material validation by the expert was calculated below:

$$M = \frac{B}{N} = \frac{87}{18} = 4, 8$$

Figure 4.9

The percentage of the material validation by the expert was calculated below:

$$\mathbf{X} = \frac{M}{N} \ 100\%$$
$$\mathbf{X} = \frac{4.8}{5} \ 100\% = \mathbf{96, 6\%}$$
Figure 4.10

According to the data, the result of the material validation by the expert got the mean score 4,8 with 96,6% percentage with qualified "Very Good". The result of the material validation indicates that the English vocabulary application can be utilized without revision.

c. The revision draft of English Vocabulary Application

After the English vocabulary application was validated, the researcher received some revision from the experts. The aimed to improve English vocabulary application before implement to the first grade students of SMP Datok Sulaiman Palopo. The experts' corrections are shown below:

Aspects	Topic (Section)	Suggestion	Revision Result			
Design	Material display	More elegant when using sans- serif type.	It cannot be changed because the font is not available.			
Language	All	Use the correct capital letter	The wrong capital letter had been fixed.			
		Add the phonetics symbols.	The phonetics symbols had been added.			
Material	Kinds of vocabulary material	Add the daily expressions.	Thedailyexpressionshadbeen added.			
		Move the exercise button into material button.	The exercise button had been moved to material button.			

Table 4.9 The Revision of the English Vocabulary Application by experts

d. Draft Change



The images above before and after editing based on the suggestion and correction from expert validations.

4. Implementation

In this stage, the researcher implemented directly the revised of English Vocabulary application to 30 students of SMP Datok Sulaiman Palopo. The implementation had conducted in two sessions on Friday, January 13th 2023. In the meeting, the researcher explained how to use the English Vocabulary application to the students, components of English vocabulary application, and explain the material in it. The researcher began with describe the component of English vocabulary application, then how to use the application by using guidebook and practice using the English vocabulary application.

Day/ Date	Meeting/ Session	Time	Activity		
			Introduction		
			Explain the components of English		
	Session 1		vocabulary application		
Friday,			Explain how to use English		
January 13 th			vocabulary application		
2023			Students practice in using English		
	Session 2	10.00 - 11.00	vocabulary application		
	Session 2	10.00 - 11.00	Distributed the questionnaire of		
			students perception to the students		

 Table 4.10 Implementation Schedule

5. Evaluation

Based on evaluate since the researcher deals with design English vocabulary application, an evaluation needed to know how to design the product better. At the end of meeting the researcher distributed the questionnaire of students' perception to the students. The results of the questionnaire are shown below:

No	Items	Mean Score	Description	Follow Up
1.	The material presented in the EnglishVocabularyApplicationis suitable for beginners.	4.5	Very Good	It can be utilized without revision
2.	The material in the English Vocabulary Application is suitable for the needs of seventh-grade students at SMP Datok Sulaiman Palopo.	4.66	Very Good	It can be utilized without revision
3.	The material in the English Vocabulary Application as a whole is diverse.	4.23	Very Good	It can be utilized without revision
4.	The material presented in the English Vocabulary Application was able to increase the vocabulary of the seventh-grade students of SMP Datok Sulaiman Palopo.	4.73	Very Good	It can be utilized without revision
5.	The material in the English Vocabulary Application as a whole is interesting and easy to understand.	4.76	Very Good	It can be utilized without revision
6.	The material topics in the English Vocabulary Application correspond to the needs of seventh grade students at SMP Datok Sulaiman Palopo.	4.5	Very Good	It can be utilized without revision
7.	The material topics in the EnglishVocabularyApplication are easy to learn and apply in everyday life.	4.5	Very Good	It can be utilized without revision
8.	The choice of font type and size in the English Vocabulary Application is attractive and comfortable to read.	4.4	Very Good	It can be utilized without revision
9.	The choice of colors in the EnglishVocabularyApplication is precise and attractive.	4.75	Very Good	It can be utilized without revision
10.	The appearance of the	4.4	Very Good	It can be utilized

 Table 4.11 The Result of Students' Perception

	English Vocabulary			without revision
	Application on each page is			
	interesting.			
	The size of the interface			
11	(overall screen display) of	4.00		It can be utilized
11.	the English Vocabulary	4.23	Very Good	without revision
	Application is correct.			
	The cover of the English			T 1 ('1' 1
12.		4.63	Very Good	It can be utilized
	attractive.		, i i i i i i i i i i i i i i i i i i i	without revision
	The design of the English			
13.	0	4.63	Very Good	It can be utilized
101	attractive.		, erj cood	without revision
	Every button on the English			
14.	·	4.68	Very Good	It can be utilized
	functions properly.			without revision
	The language used in the			_
	English vocabulary			It can be utilized
15.		4.6	Very Good	without revision
	application is easy to understand.			without revision
		-		
	Total Score	68.25		

The mean score of students' perceptions were calculated below:

$$\mathbf{M} = \frac{B}{N} = \frac{68,25}{15} = \mathbf{4,55}$$

Figure 4.11

The percentages of students' perception were calculated below:

$$\mathbf{X} = \frac{M}{N} 100\%$$
$$\mathbf{X} = \frac{4,55}{5} 100\% = 91\%$$

Figure 4.12

The result of the students' perception got the mean score 4.55 with 91% percentage with qualified "Very Good". The result of the students' perception indicates that the English vocabulary application can be utilized without revision.

From the questionnaire the students write down their perception about English vocabulary application:

"The application is excellent and easy to understand for the seventh-grade students, especially for beginners who are just learning English." (January 13th, 2023)

"Very helpful and very fun, this English vocabulary application also makes us learn English with pleasure, thank you for making this application." (January 13th, 2023)

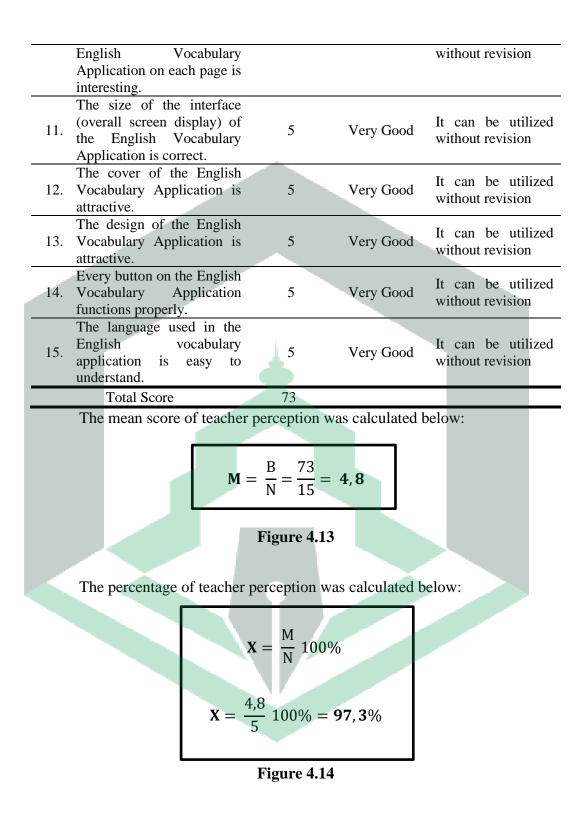
"Very good and easy to learn in everyday life and also on every display exciting and precise, and also the language used is easy to understand." (January 13th, 2023)

Based on the data above the data calculated of students perception of English vocabulary application got the mean score 4.55 with 91% percentage with qualified "Very Good" it means it can be utilized without revision it carry out with students perception that English vocabulary application is excellent, easy to understand, very helpful, easy to use and suitable for the beginner or for the seventh grade students who are just learning English. So, the researcher concluded that the English vocabulary application is feasible and suitable with the students need.

Furthermore, the researcher also distributed the questionnaire to the English teacher of the first grade of SMP Datok Sulaiman. The results of teacher perception of the English vocabulary application are shown below:

No	Items	Score	Description	Follow Up
1.	The material presented in the English Vocabulary Application is suitable for beginners.	5	Very Good	It can be utilized without revision
2.	The material in the English Vocabulary Application is suitable for the needs of seventh-grade students at SMP Datok Sulaiman Palopo.	4	Good	It can be utilized without revision
3.	The material in the English Vocabulary Application as a whole is diverse.	4	Good	It can be utilized without revision
4.	The material presented in the English Vocabulary Application was able to increase the vocabulary of the seventh-grade students of SMP Datok Sulaiman Palopo.	5	Very Good	It can be utilized without revision
5.	The material in the English Vocabulary Application as a whole is interesting and easy to understand.	5	Very Good	It can be utilized without revision
6.	The material topics in the English Vocabulary Application correspond to the needs of seventh grade students at SMP Datok Sulaiman Palopo.	5	Very Good	It can be utilized without revision
7.	The material topics in the English Vocabulary Application are easy to learn and apply in everyday life.	5	Very Good	It can be utilized without revision
8.	The choice of font type and size in the English Vocabulary Application is attractive and comfortable to read.	5	Very Good	It can be utilized without revision
9.	The choice of colors in the EnglishVocabularyApplication is precise and attractive.	5	Very Good	It can be utilized without revision
10.	The appearance of the	5	Very Good	It can be utilized

 Table 5.12 The Result of Teacher Perception



According to the data, the result of the teacher' perception got the mean score 4.8 with 97.3% percentage with qualified "Very Good". The result of the teacher

perception indicates that the English vocabulary application can be utilized without revision.

Moreover, based on the interview with the English teacher of SMP Datok Sulaiman Palopo said:

"This English vocabulary application is quite good and interesting, this application can also improve students' vocabulary mastery. The design of the application is attractive, the color selection is correct, and all the buttons work properly." (January 13th, 2023)

Based on the calculated data of teacher's perception got the point 4.8 with 97.3% percentage with qualified "Very good" that indicated it can be utilized without revision and from the result of English teacher interview the result of the English vocabulary application is good, attractive, interesting and feasible to use in learning process. So, the researcher concluded that the English vocabulary application is feasible and suitable with the students need in learning English vocabulary.

B. Discussion

English vocabulary application is essential material in learning English or new language for foreign language. Learning English vocabulary application at SMP Datok sulaiman is most important, it cause of SMP Datok Sulaiman is a pesantren-based school that teaches English and Arabic as compulsory language use, it is necessary for students to be able to use English as foreign language. So the students should able to use English in their daily. Learning English vocabulary at SMP Datok Sulaman Palopo has several obstacles. The obstacles are the lack of vocabulary mastery by the students, the lack of interest in learning English, and the difficulty in pronouncing English vocabulary. The other factors are students not to desire to speak English and have several incorrect pronunciations so, the students need learning media that combine vocabulary and vocabulary pronunciation.

Based on the previous research by Imam Fadli entitled "Designing A Colorful Pictorial English Vocabulary Book For The First-Grade Students Of Smp Datok Sulaiman Putri Palopo", the researcher continue the previous research to develop it into application. So, the vocabulary in that book can have sound how to pronounce the vocabulary. So the students can learn English vocabulary with sound how to pronounce it.

In designing the English vocabulary application, the researcher use ADDIE model that consist of five steps; analyze, design, develop, implement and evaluate. This research is a research development that continues previous research in the form of the book into the application, so the researcher took vocabulary references from the previous research book by Imam Fadli entitled "A Colorful Pictorial English Vocabulary Book".

In addition, the researcher also conducted interviews to obtain additional information regarding the obstacles and potential for further research at the location and research subjects. The results of the additional interview, the research of developing the English vocabulary book by Imam Fadli, into an application has the potential to be developed. This is because based on interviews with the English teacher and the deputy head of the curriculum of SMP Datok Sulaiman said that SMP Datok Sulaiman has computer laps consisting of 20 units of computers and students are also able to operate computers. Then, the teachers at SMP Datok Sulaiman sometimes use projector media to display material.

On the other hand students at SMP Datok Sulaiman also experience difficulties in pronouncing English vocabulary and need learning media that can cover vocabulary material as well as audio pronunciation. So the researcher continued the research to the next stage, namely designing the first draft of an English vocabulary application consisting of 7 buttons in the form of 5 material buttons and an exercise button where the entire vocabulary and practice material was taken from the book "A Colorful Pictorial English Vocabulary Book".

The researcher design of English vocabulary application started it from make the prototype of the application, then collected all the items is needed in designing English vocabulary application. After collecting all the items, the researcher designing English vocabulary application by using Macromedia flash with several steps. The first step was design the background and main menu of the product in Macromedia Flash. The second, made the buttons to operate the slide into the other display. The third, made the slide of material by input the picture and audio. The fourth, added the additional button such as previous button, next button, back button, and exit button. The fifth, made the button for home menu button, profile button, reference button, and clock into the main menu slide. The sixth, made the intro slide and put the start button to start the operation of the product. After all make it clear all the button was function properly and running the product into an application. After that, the experts validated the product to improve the feasibility and quality of the English Vocabulary application. The validation of the English Vocabulary application was carried out by three validators; design and layout expert, language expert, and material expert. The validation results of the English vocabulary application by design and layout expert got the mean score of 4.45 with a percentage of 89% with the qualified "Very Good". In addition, the validation results from the language expert got the mean score of 4.2 with a percentage of 84% with the qualified "Very Good". Then the results of the material expert validation got the mean score of 4.8 with a percentage of 96.6% with the qualified "Very Good".

After being validated, the English vocabulary application was implemented on the research subject. In the implementation stage, it was carried out with limited implementation to class 7B students of SMP Datok Sulaiman Palopo. This implementation phase was carried out in 2 sessions, namely the first session for an introduction to the components of the English vocabulary application, and how to use the English vocabulary application. Then in the second session, a practice session was held on the use of English vocabulary by students. At the e nd of the session the researcher asked about students' perceptions of the product. At this stage students were given an evaluation questionnaire in the form of a questionnaire student perception. After that, the English vocabulary application was evaluated based on the questionnaire of teacher perceptions.

The results of the evaluation based on the perceptions of students and teacher aim to get results whether the product is in accordance with the needs of students. The result of students' perception got a mean score of 4.55 with a percentage of 91% with the qualified "Very Good". The results of teacher perceptions got a mean score of 4.8 with a percentage of 97.3% with the qualified "Very Good". The results show that the English Vocabulary application can be used without revision. In addition, the results of teacher interviews and student opinions revealed that English Vocabulary application is quite good, interesting, can improve students' vocabulary mastery. The design of the application is attractive, the color selection is correct, and all the buttons work properly, easy to understand for the seventh-grade students, especially for beginners who are just learning English, very helpful and very fun and also makes students learn English with pleasure.

The last stage in this research is evaluation. After collecting the data of students' perception, teacher perception, and expert suggestion, the researcher evaluated the product to become a final product.

The advantages of the English vocabulary application:

- 1. The English vocabulary application is a varied medium, combining several learning media such as visual media, audio media, animated media, and text.
- 2. English vocabulary app is easy to use.
- 3. The application of English vocabulary is more practical and interesting to use in the process of learning English vocabulary.
- 4. The application of English vocabulary is an interactive learning medium.

Disadvantages or limitations of the English vocabulary application:

- 1. The audio vocabulary will continue to play until it's finished even though have moved to another button.
- 2. The English vocabulary application cannot use by smartphone.
- 3. The sound of English vocabulary application only uses British accent audio.

Several previous researches related to this research, such as; Kurnianti, W. (2020) the result of the research was developing learning media on vocabulary for the seventh grade it was feasible and interesting to be used in learning English by using Macromedia Flash³⁵. Another related research by Abigael Sampebua, Deby Marisa, and Mingsep R. Sampebua (2020) the research conclude that learning media of English vocabulary application can improve students' motivation, students' creativity and learning process more flexible³⁶. Also by Imam Fadli (2022) the result of the research was designing colorful pictorial English vocabulary book for the first grade student of SMP Datok Sulaiman Palopo, it was appropriate to the students need, and could improve students' vocabulary. In some previous research, no learning media specifically designed English vocabulary learning media based on multimedia application for the seventh grade students of SMP Datok Sulaiman Palopo. From this research produced English vocabulary learning media based on multimedia application. Besides containing English vocabulary material, it also equipped with audio pronunciations, phonetic symbols, relevant images, vocabulary lists, daily expressions, and exercise to

³⁵ Wahyu Kurniato, 'Developing Macromedia Flash Learning Media On Vocabulary For The Seventh Grade Of SMPN 1 Ngambur Pesisir Barat Regency', *International Journal in English*, 20.12 (2020).

³⁶ Abigael Sampebua, Deby Marisa, and Mingsep R. Sampebua, 'The Design of English Vocabulary Learning Application', *International Journal of Computer Science and Information Security (IJCSIS)*, 18.10 (2020), 55–60.

further assist students in learning English vocabulary. From these researches, it showed that the English vocabulary application is feasible and suitable to use based on expert's validation, students' perception and teacher perception.



CHAPTER V CONCLUSION AND SUGGESTION

A. Conclusion

This research aimed to design English vocabulary application for the first grade students of SMP Datok Sulaiman Palopo. The design of English vocabulary application for the first grade students of SMP Datok Sulaiman Palopo is design in learning media based on interactive multimedia which consists of vocabulary and daily expressions list completed with audio pronunciation, phonetics symbols, exercise and colorful image. The result of this research based on students' perception and teacher perception. The students' perception got mean score 4,55 with 91% percentage which qualified "Very Good", and teacher perception got mean score 4,8 with 97,3% percentage which qualified "Very Good". That can identify that the English vocabulary application ready to use without revision. Then, based on the interview and comments written down by students; The design of the English vocabulary application is easy to understood, design and layout were attractive, very helpful, very fun and also makes students learn English with pleasure. So, the designed English vocabulary application is appropriate to the seventh grade students of SMP Datok Sulaiman Palopo needs.

B. Suggestion

1. For the teachers

The researcher suggested the teacher to use the English vocabulary application as learning media to support teaching English vocabulary for the first grade students of SMP Datok Sulaiman Palopo, and also the researcher hopes that it will motivate the teacher in use and make multimedia learning media such as application.

2. For the English Vocabulary Application User

The researcher suggested to the user or students to use the English vocabulary application in improve or mastering English vocabulary, and always practices in daily.

3. For the Other Researcher

The researcher suggested make an innovative and creative learning media that can improve students' interest and also cover students learning materials. On the other hand, the application of English vocabulary is still far from perfect. So, the researcher very open and hope future researchers can develop this application to be even better in terms of design, material, and language aspects. The other suggestion to other researchers in designing applications by using Macromedia Flash is to understand in advance how to use Macromedia Flash, understand the formats of items that can be used in Macromedia Flash such as image formats, audio, writing effects, display effects and programming languages in inputting and Macromedia Flash operation so that when designing it can run well and reduce obstacles during the design process.



BIBLIOGRAPHY

- Abdulrahaman, M. D., N. Faruk, A. A. Oloyede, N. T. Surajudeen-Bakinde, L. A. Olawoyin, O. V. Mejabi, and others, 'Multimedia Tools in the Teaching and Learning Processes: A Systematic Review', *Heliyon*, 6.11 (2020), e05312 https://doi.org/10.1016/j.heliyon.2020.e05312
- Dakhi, Saniago, and Tira Nur Fitria, 'The Principles and the Teaching of English Vocabulary: A Review', *JET (Journal of English Teaching)*, 5.1 (2019), 15 https://doi.org/10.33541/jet.v5i1.956>
- Deiniatur, Much, 'Developing Learning Media through Macromedia Flash Application for English Phonology Class', *Jurnal Smart*, 5.1 (2019), 45–59 https://doi.org/10.26638/js.781.203X
- Dr. Hasnul Fikri, M.Pd. and Ade Sri Madona, S.Pd., M.Pd, Pengambangan Media Pembelajaran Berbasis Multimedia Interaktif, 2546
- Education, English, Study Program, Faculty O F Tarbiya, and Teacher Training, 'ENGLISH SPEAKING PROBLEMS IN DARUSSALAM ISLAMIC BOARDING SCHOOL By: NANDA KURNIA SAFITRI', 2021

'English Vocabulary - Dr. Mawardin M. Said, M.Hum. - Google Buku' <https://books.google.co.id/books?hl=id&lr=&id=sM3EAAAQBAJ&oi=fnd&pg=PA1&dq=english+vocabulary+classes&ots= CyXEFGvhmT&sig=DwUQa06h857yy_RI3KY5PrDYR9Q&redir_esc=y#v =onepage&q=english vocabulary classes&f=false> [accessed 17 July 2022]

Fidyaningrum, Seftia Ani, Shafira Artanita Dewayanti, and Nailul Authar, 'Improving Young Learners Vocabulary Mastery Through Game-Based Learning Using "MOFIN Mystery Box", *Child Education Journal*, 3.2 (2021), 129–36 https://doi.org/10.33086/cej.v3i2.2433>

- Hartina, St, and Syahrir Syahrir, 'The Inappropriateness of English for Specific Purposes (ESP) with Learner's Goals: A Need Analysis on Communication and Islamic Broadcasting Program' <http://journal.unilak.ac.id/index.php/elsya/article/view/6671/3132> [accessed 6 July 2022]
- Inriani, 'DEVELOPING A VOCABULARY BOOK FOR SCOUT ORGANIZATION IN IAIN PALOPO', 2021
- Kurniato, Wahyu, 'Developing Macromedia Flash Learning Media On Vocabulary For The Seventh Grade Of SMPN 1 Ngambur Pesisir Barat Regency', *International Journal in English*, 20.12 (2020)
- Kurniawati, Inung Diah, and Sekreningsih Nita, 'Media Pembelajaran Berbasis Multimedia Interaktif Untuk Meningkatkan Pemahaman Konsep

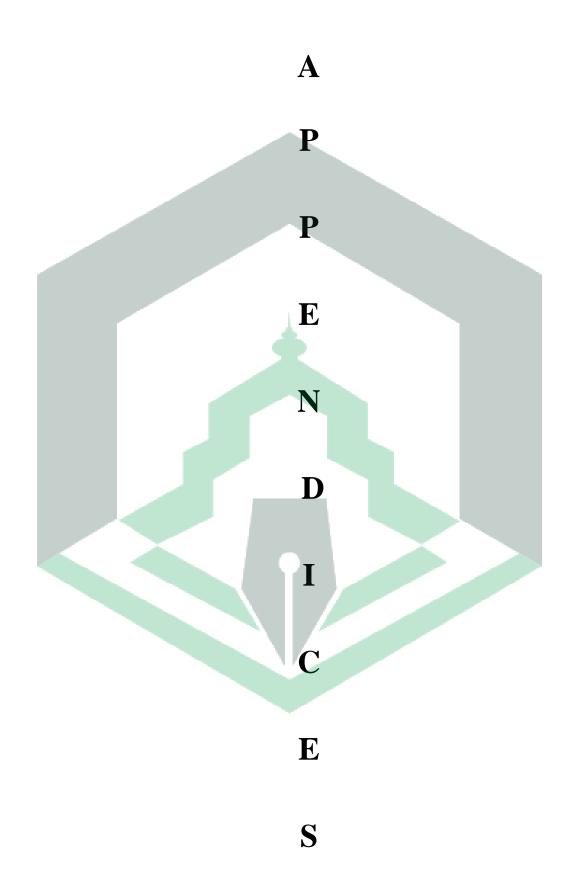
Mahasiswa', *DoubleClick: Journal of Computer and Information Technology*, 1.2 (2018), 68 <https://doi.org/10.25273/doubleclick.v1i2.1540>

- Mahniza, Melda, 'THE IMPACT OF PRIMARY SCHOOL STUDENTS' UNDERSTANDING ON ENGLISH VOCABULARIES IN USING GADGETS', Jurnal Pembangunan Wilayah & Kota, 1.3 (2018), 82–91
- Masykur, Rubhan, Nofrizal, and Muhammad Syazali, 'Pengembangan Media Pembelajaran Matematika Dengan Macromedia Flash', *Al-Jabar: Jurnal Pendidikan Matematika*, 8 (2017), 177–86
- Maydiantoro, Albet, 'MODEL-MODEL PENELITIAN PENGEMBANGAN (RESEARCH AND DEVELOPMENT)', 10, 2019
- Montgomery, Judy K, 'Types of Vocabulary', *The Bridge of Vocabulary: Evidence Based Activities for Academic Success*, 2007, 136 https://www.srsdeaf.org/Downloads/Bridge_of_Vocabulary.pdf
- Nuraeni, Z., A. Rosyid, A. Mahpudin, Suparman, and Andriyani, 'Development of an Android-Based Math Equation Editor', *Journal of Physics: Conference Series*, 1480.1 (2020) https://doi.org/10.1088/1742-6596/1480/1/012013
- Pangestika, Rintis Rizkia, and Supriyono, 'Pengembangan RPP Matematika Berbasis Teori Bruner Bermuatan Karakter Untuk Sekolah Dasar Rintis Rizkia Pangestika, Supriyono', JURNAL GENTALA PENDIDIKAN DASAR, 6.2 (2021), 48–61
- Rachmadtullah, Reza, M. S. Zulela, and Mohamad Syarif Sumantri, 'Development of Computer-Based Interactive Multimedia: Study on Learning in Elementary Education', *International Journal of Engineering and Technology(UAE)*, 7.4 (2018), 2035–38 https://doi.org/10.14419/ijet.v7i4.16384
- Rozi, I F, E Larasati, and V A Lestari, 'Developing Vocabulary Card Base on Augmented Reality (AR) for Learning English', *IOP Conference Series: Materials Science and Engineering*, 1073.1 (2021), 012061 https://doi.org/10.1088/1757-899X/1073/1/012061
- Sampebua, Abigael, Deby Marisa, and Mingsep R. Sampebua, 'The Design of English Vocabulary Learning Application', *International Journal of Computer Science and Information Security (IJCSIS)*, 18.10 (2020), 55–60
- Samsu, Metode Penelitian: Teori Dan Aplikasi Penelitian Kualitatif, Kuantitatif, Mixed Methods, Serta Research & Development, Diterbitkan Oleh: Pusat Studi Agama Dan Kemasyarakatan (PUSAKA), 2017
- Saputra, Very Hendra, and Permata Permata, 'Media Pembelajaran Interaktif Menggunakan Macromedia Flash Pada Materi Bangun Ruang', WACANA

AKADEMIKA: Majalah Ilmiah Kependidikan, 2.2 (2018), 116 <https://doi.org/10.30738/wa.v2i2.3184>

- Schmitt, Norbert, and Diane Schmitt, 'Vocabulary in Language Teaching' <https://books.google.co.id/books?hl=id&lr=&id=jILoDwAAQBAJ&oi=fnd &pg=PR13&dq=Vocabulary+is+a+fundamental+component+of+learning+a +language,+formed+from+a+variety+of+vocabulary+so+as+to+create+a+sin gle+language&ots=HXSQkfogeZ&sig=1kU0ydhGhGghNq8siPMimHqwvO 4> [accessed 20 June 2022]
- Sholeh, Agus, and Uun Muhaji, 'Pronunciation Difficulties Encountered By EFL Students in Indonesia', *Jurnal Inspiraasi Pendidikan Universitas Kanjuruhan Malang*, 5.2 (2015), 698–707
- Sudianto, and Tuti, 'INFLUENCE IMAGE MEDIA TO IMPROVE ENGLISH VOCABULARY Sudianto1', *Tulip, Jurnal Tulisan Ilmiah Pendidikan*, 9.2 (2020), 38–52
- Veikho, Sahiinii Lemaina, *Word Classes* (Brill, 2021) <https://brill.com/display/book/9789004437982/BP000004.xml> [accessed 15 February 2023]
- Waziana, Winia, Leni Anggraeni, and Nur Laela Sari, 'Penerapan Aplikasi Pembelajaran Bahasa Inggris Dasar Berbasis Multimedia', Jurnal TAM (Technology Acceptance Model), 7 (2016), 22–26
- Ya'cub, Mihmidaty, 'Media Pendidikan Perspektif Al Quran Hadits Dan Pengembangannya', *CENDEKIA : Jurnal Studi Keislaman*, 4.2 (2018) https://doi.org/10.37348/cendekia.v4i2.60

Yaber & Laine, *Reviewing Basic Grammar A GUIDE TO WRITING SENTENCES* AND PARAGRAPHS, 2009



APPENDIX 1

SURAT IZIN MENELITI



APPENDIX 2

SURAT KETERANGAN TELAH MENELITI



PEMERINTAH KOTA PALOPO DINAS PENDIDIKAN SMP DATOK SULAIMAN PALOPO Sekretariat : Jl. DR. Ratulangi Telepon (0471) 21476 Kota Palopo



AKREDITASI = A

SURAT KETERANGAN PENELITIAN NOMOR : 034/SMP-DS/PLP/II/2023

Yang bertanda tangan di bawah ini Kepala SMP Datok Sulaiman Palopo menerangkan bahwa:

Nama		SITI HARDIANTI RANTE PADANG
Pekerjaan	÷	Mahasiswa IAIN Palopo
 Prodi/Fakultas	2	Pendidikan Bahasa Inggris/FTIK
Alamat	÷	Jl. Agatis Balandai

Yang bersangkutan telah melakukan penelitian di SMP Datok Sulaiman Palopo sejak tanggal 15 September 2022 s/d 15 Desember 2022. Dengan judul Skripsi "DESIGNING ENGLISH VOCABULARY APPLICATION FOR THE FIRST GRADE STUDENTS OF SMP DATOK SULAIMAN PALOPO".

Demikian Surat Keterangan ini diberikan kepada yang bersangkutan untuk dipergunakan sebagaimana mestinya.

Atas perhatian dan kerjasama yang baik kami ucapkan terima kasih.

Palopo, 04 Februari 2023

Kepala Sekolah,

MUHTARI L HADI S.Ag., M.Pd.I. NTP 19 30403 200701 1 029

APPENDIX 3

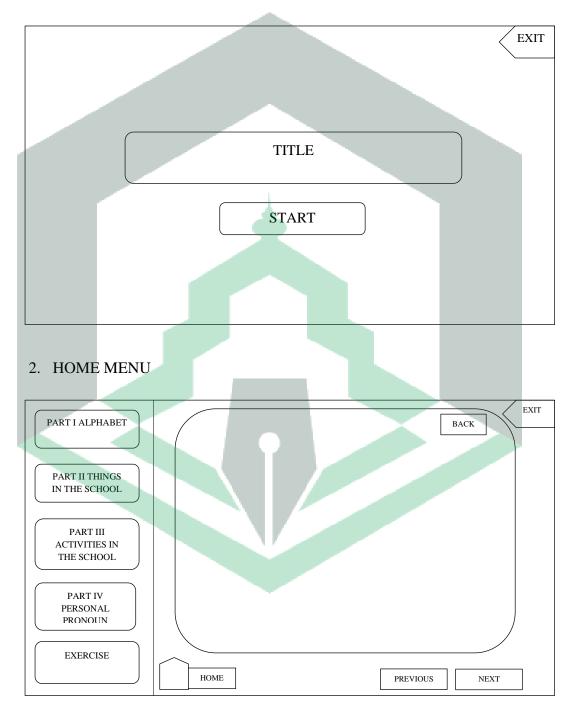
PROTOTYPE OF DESIGNING ENGLISH VOCABULARY

APPLICATION

PROTOTYPE OF DESIGNING ENGLISH VOCABULARY

APPLICATION

1. OPENING DISPLAY



APPENDIX 4

THE RESULT OF THE INSTRUMENT VALIDATION BY EXPERT



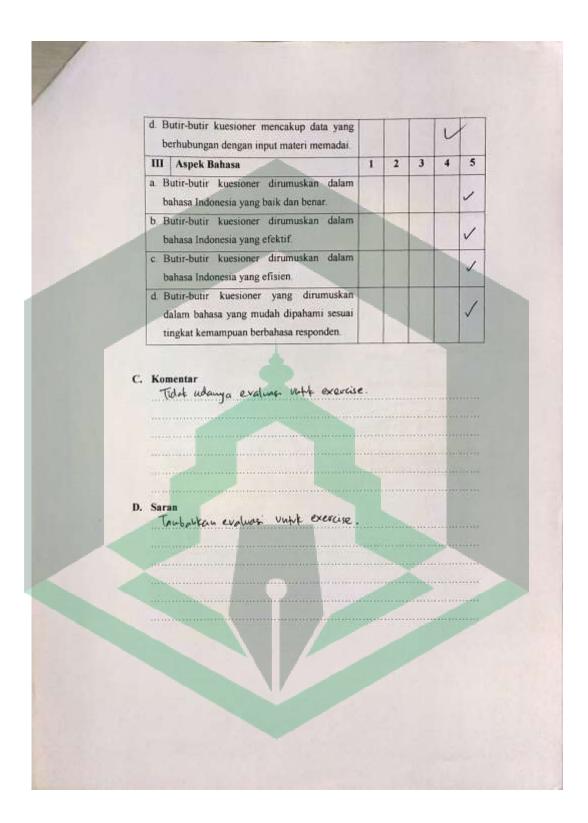
LEMBAR VALIDASI INSTRUMEN EVALUASI UNTUK AHLI

Designing English Vocabulary Application For The First Grade Students Of SMP Datok Sulaiman Palopo

- A. Petunjuk Pengisian
- 1. Lembar penilaian kelayakan ini meliputi aspek pendahuluan, isi, dan bahasa.
- Berilah tanda (✓) pada kolom angka yang sesuai dengan penilaian yang ada berikan.
- 3 Pedoman skala penilaian adalah sebagai berikut
 - 1: tidak layak
 - 2: kurang layak
 - 3: cukup layak
 - 4: layak
 - 5: sangat layak
- Anda dimohon kesediaannya untuk memberikan saran-saran perbaikan pada bagian akhir lembar ini.

B. Penilaian Kelayakan

0.000	io. Uraian		K	elayak	an	
I	Aspek Pendahuluan	1	2	3	4	5
a T	ujuan penelitian dinyatakan dengan jelas.	V				
b. T	ujuan kuesioner dinyatakan dengan jelas.	V				
	etunjuk pengisian kuesioner mudah Ipahami					~
п	Aspek Cakupan (Isi)	1	2	3	4	5
b	utir-butir kuesioner mencakup data yang erhubungan dengan cakupan isi materi iemadai			~		
	utir-butir kuesioner mencakup data yang erhubungan dengan penggunaan bahasa di alam materi baik dan benar.		9		1	
d	utir-butir kuesioner mencakup data yang	-		-	-	-



E. Kesimpulan Instrumen kuesioner ini (lingkari satu pilihan) 1. Tidak dapat digunakan 2. Dapat digunakan Dapat digunakan dengan perbaikan sebagai berikut Tambalkan tijuan pewelitian & tijuan kuesianen & evaluari until exercise. Palopo, 18 November Zozz Penilai Kelayakan tomawati, S. Pd. T., M. Hum. NIP 19911172020122019

APPENDIX 5

THE RESULT OF THE EXPERTS EVALUATION QUESTIONNAIRE OF THE PRODUCT

KUESIONER EVALUASI UNTUK AHLI BAHASA

Designing English Vocabulary Application for the First Grade Students of **SMP Datok Sulaiman Palopo**

A. Data Responden

1

Nama	DR. MASPUDDIN, SS. M. HUM.
Umur	
Jenis Kelamin	- Laki - Laki
Pendidikan	: S1 S2 S3 Professor
Pengalaman Mengajar	0-2 tahun 2-4 tahun 4-6 tahun
	≥ 6 tahun

B. Tujuan Penelitian

Tujuan penelitian ini adalah membuat sebuah produk dalam membantu atau memvasilitasi siswa dalam mengembangkan kosakata bahasa Inggris untuk siswa SMP Datok Sulaiman Palopo

C. Tujuan Kuesioner

Tujuan kuesioner ini adalah untuk mengevaluasi kelayakan produk apakah sudah sesuai untuk siswa kelas satu SMP Datok Sulaiman Palopo.

D. Petunjuk pengisian Tabel Evaluasi

Isilah tabel berikut dengan memberikan tanda centang (1) pada kolom yang disediakan.

Keterangan Poin Validitas:

- 5 | Sangat Layak
- 4 : Layak
- 3 Cukup Layak
- 2 : Kurang Layak
- : Tidak LayaK Ŀ.

No	Bernvataan	Kelayakan 5 4 3 2 1					
	Pernyataan	5	4	3 2			
1.	Penggunaan bahasa dalam English Vocabulary Application sesuai dengan tata bahasa dengan benar.		1				
2.	Vocabulary yang disajikan English Vocabulary Application sesuai dengan tingkatan perkembangan kognitif siswa.	V					
3.	Vocabulary yang disajikan mudah dipaham.		1		T		
4.	Keseluruhan vocabulary sesuai dengan kemampuan berbahasa siswa		~				
5.	Instruksi pada exercise menggunakan tata bahasa dengan dan mudah dipahami		~		T		
	a Layak						
100	b Layak dengan perbaikan						
100							
	b Layak dengan perbaikan c Tidak layak						
	b Layak dengan perbaikan c Tidak layak Palop	0,					
	b Layak dengan perbaikan c Tidak layak	0,					
	b Layak dengan perbaikan c Tidak layak Palop Penila	o, 11 Kel	layaka	n			
	b Layak dengan perbaikan c Tidak layak Palop Penila	o, 11 Kel	latraka		5		

KUESIONER EVALUASI UNTUK AHLI MATERI

Designing English Vocabulary Application for the First Grade Students of SMP Datok Sulaiman Palopo

A. Data Responden

Nama
Umur
Jenis Kelamin
Pendidikan
Pengalaman Mengajar

25 ta Perem	ihun puan		
⊠si [S3	Professor
0-2 tal	hun		
2-4 tal	un		
4-6 tal	hun		
≥ 6 tab	nun		

sutanti s. Pd

B. Tujuan Penelitian

Tujuan penelitian ini adalah membuat sebuah produk dalam membantu atau memvasilitasi siswa dalam mengembangkan kosakata bahasa Inggris untuk siswa SMP Datok Sulaiman Palopo

C. Tujuan Kuesioner

Tujuan kuesioner ini adalah untuk mengevaluasi kelayakan produk apakah sudah sesuai untuk siswa kelas satu SMP Datok Sulaiman Palopo

D. Petunjuk pengisian Tabel Evaluasi

Isilah tabel berikut dengan memberikan tanda centang (*) pada kolom yang disediakan.

Keterangan Poin Validitas:

- Sangat Setuju
- 4 : Setuju

5

- 3 Ragu-ragu
- 2 : Tidak Setujo
 - Sangat Tidak Setuju

No	Pernyataan	5	4	Bot 3
	A. CONTENT	1.0	-	1
1.	Cakupan kosakata dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo		1	
2.	Kedalaman kosakata dalam English Vocabulary Application untuk siswa kelas tujuh SMP Datok Sulaiman Palopo memadai	~		
3.	Keaslian kosakata dalam English Vocabulary Application untuk siswa kelas tujuh SMP Datok Sulaiman Palopo memadai.		1	
	B. ACTIVITY			
4.	Aktivitas dalam setiap tugas bervariasi.	1		
5.	Aktivitas dalam tugas dapat memotivasi siswa menguasai English vocabulary			
6.	Kegiatan dalam penugasan melibatkan peran siswa	V		
7.	Kegiatan dalam English Voccabulary Application sangat membantu dalam kehidupan nyata siswa.	V		
8.	Kegiatan dalam tugas disusun dari level mudah ke sulit.	~		
9,	Bentuk exercise bervariasi		4	
10.	Bentuk kegiatan exercise sesuai topik		1	
11.	Keguatan exercise membantu siswa dalam penguasan vocahulary atau kosakata siswa	1	1	
12.	Exercise pada English Vocabulary Application membantu siswa dalam mereview materi C. INPUT	1		
	Input vocabulary dalam English Vocabulary Application	1.0		1 25-
13.	membantu siswa meningkatkan vocabulary siswa.	~		
14,	Input vocabulary dalam English Vocabulary Application menarik.	1		
15,	Input vocahulary relevan dengan teks dan gambar.	~	-	
16.	Input vocabulary dalam English Vocabulary Application sesuai dengan kemampuan berbahasa siswa kelas tujuh siswa SMP Datok Sulaiman Palopo	1		1

17,	Input vocabulary dalam English Vocabulary Applic mencakup struktur bahasa yang benar.	ation	1	T	
18.	Dill a line in the second seco	gan 🧳			
19.	Input vocabulary dalam English Vocabulary Applic dapat menambah wawasan siswa SMP Datok Sulain Palopo.	ation Ian			
Ma	sukan lain:				
		-			- 1
E.	Kesimpulan				
	Secara umum, pendapat Bapak/Tbu terhadap English V	ocabulary	Applic	ation	
	yang dikembangkan				
2	a Layak b. Layak dengan perbaikan				
3	u. Layak dengan perdakan				
	and the second	ATT 11 10 10 10 10 10 10 10 10 10 10 10 10			
	c. Tidak layak				
-	c. Tidak layak	Palopo, 🖇		เทษคา	7 2
	c. Tidak layak		u Ja		- 2
	c. Tidak layak	Palopo, 🖇	u Ja		7 2
	c. Tidak layak	Palopo, 🖇	u Ja		- 2
	c. Tidak layak	Palopo, 🖇	u Ja		- 2
	c. Tidak layak	Palopo, 🖇	u Ja		7 2
	c. Tidak layak	Palopo, 🖇	u Ja		7 2
	c. Tidak layak	Palopo, 🖇	u Ja		7 2
	c. Tidak layak	Palopo, 🖇	u Ja		7 2
	c. Tidak layak	Palopo, 🖇	u Ja		- 2
	c. Tidak layak	Palopo, 🖇	u Ja		7 2
	c. Tidak layak	Palopo, 🖇	u Ja		7.2
	c. Tidak layak	Palopo, 🖇	u Ja		7.2

/	
	KUESIONER EVALUASI UNTUK AHLI DESAIN DAN LAYOUT
	Designing English Vocabulary Application for the First Grade Students of SMP Datok Sulaiman Palopo
	A. Data Responden Nama : Imam Fadli
	Umur ± 21
	Jenis Kelamin
	Pendidikan : S1 S2 S3 Professor
	Pengalaman Mengajar : 0-2 tahun 2-4 tahun 4-6 tahun
	P. Taiwa Basilila
	B. Tujuan Penelitian
	Tujuan penelitian ini adalah membuat sebuah produk dalam membantu atau
	memvasilitasi siswa dalam mengembangkan kosakata bahasa Inggris untuk siswa
	SMP Datok Sulaiman Palopo.
	C. Tujuan Kuesioner
	Tujuan kuesioner ini adalah untuk mengevaluasi kelayakan produk apakah
	sudah sesuai untuk siswa kelas satu SMP Datok Sulaiman Palopo.
	D. Petunjuk Pengisian Tabel Evaluasi
	Isilah tabel berikut dengan memberikan tanda centang (*) pada kolom yang
	disedinkan.
	Keterangan Poin Validitas:
	5 : Sangat Layak
	4 : Layak
	3 : Cukup Layak
	2 : Kurang Layak
	1 : Tidak Layak



E. Kesimpulan Secara umum, pendapat Bapak/Ibu terhadap English Vocabulary Application yang dikembangkan: a. Layak 🚯 Layak dengan perbaikan c. Tidak layak Palopo, 1 Januari 2003 Penilai Kelagak Iman Fodis 2 pd

APPENDIX 6

THE RESULT OF THE STUDENTS PERCEPTIONS

KUESIONER EVALUASI UNTUK PENGGUNA (SISWA)

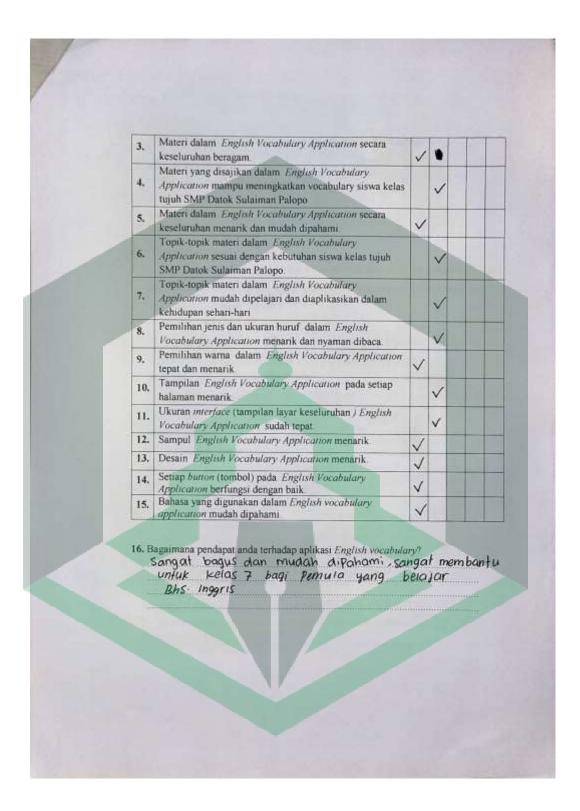
A. Data Responden Autio Maharani Nama Kelas 7B Gender Perempuan Usia 13 thn B. Tujuan Penelitian Tujuan penelitian ini adalah membuat sebuah produk dalam membantu atau memvasilitasi siswa dalam mengembangkan kosakata bahasa Inggris untuk siswa SMP Datok Sulaiman Palopo C. Tujuan Kuesioner Tujuan kuesioner ini adalah untuk mengevaluasi kelayakan produk apakah sudah sesuai untuk siswa kelas satu SMP Datok Sulaiman Palopo. D. Petunjuk Pengisian Tabel Evaluasi

lsilah tabel berikut dengan memberikan tanda centang (√) pada kolom yang disediakan

Keterangan:

- 5 Sangat Setuju
- 4 Setuju
- Ragu-ragu 3
- 2 Tidak Setuju
- 1° -Sangat Tidak Setuju

No	Pernyataan	5	4	3	2	1
1.	Materi yang disajikan dalam English Vocabulary Application sesuai untuk pemula	1				
2.	Matert dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo		~			



KUESIONER EVALUASI UNTUK PENGGUNA (SISWA)

- A. Data Responden Nur Nachyn Afifaih Nama
 - VITB Kelas
 - perempuun Gender
 - Usia 13 tahun
- B. Tujuan Penelitian

Tujuan penelitian ini adalah membuat sebuah produk dalam membantu atau memvasilitasi siswa dalam mengembangkan kosakata bahasa Inggris untuk siswa SMP Datok Sulaiman Palopo.

C. Tujuan Kuesioner

Tujuan kuesioner ini adalah untuk mengevaluasi kelayakan produk apakah sudah sesuai untuk siswa kelas satu SMP Datok Sulaiman Palopo.

D. Petunjuk Pengisian Tabel Evaluasi

Isilah tabel berikut dengan memberikan tanda centang (*) pada kolom yang disediakan.

Keterangan:

- Sangat Setuju 5
- Setuju 4
- Ragu-ragu 3
- Tidak Setuju 2 Ŧ
 - Sangat Tidak Setuju

No	Pernyataan	5	4	3	2	1
1.	Materi yang disajikan dalam English Vocabulary Application sesuai untuk pemula	V	•			
2.	Materi dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo.	-	V			

	Materi yang disajikan dalam English Vocabulary			_	-
	Application mampu meningkatkan vocabulary siswa kelas tujuh SMP Datok Sulaiman Palopo	1			
10000	Materi dalam English Vocabulary Application secara keseluruhan menarik dan mudah dipahami	\checkmark			
6.	Topik-topik materi dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo		~		
7.	Topik-topik materi dalam English Vocabulary Application mudah dipelajari dan diaplikasikan dalam kehidupan sehari-hari		\checkmark		
8.	Pemilihan jenis dan ukuran huruf dalam English Vocabulary Application menarik dan nyaman dibaca		\checkmark		
9.	Pemilihan warna dalam English Vocabulary Application tepat dan menarik.	V			
10.	Tampilan English Vocabulary Application pada settap halaman menarik	\checkmark			
	Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat	V			
procession in the local division of the loca	Sampul English Vocabulary Application menarik.	V			
13.	Desain English Vocabulary Application menarik.	V	1		
1.1.75	Setiap button (tombol) pada English Vocabulary Application berfungsi dengan baik		\checkmark		
	Bahasa yang digunakan dalam English vocabulary application mudah dipahami.		\checkmark		

KUESIONER EVALUASI UNTUK PENGGUNA (SISWA)

A. Data Responden

Nama Bella Aftinianti Potto

- Kelas VAIB (41)
- Gender Rienpupun
- Usia : Rtopun

B. Tujuan Penelitian

Tujuan penelitian ini adalah membuat sebuah produk dalam membantu atau memvasilitasi siswa dalam mengembangkan kosakata bahasa Inggris untuk siswa SMP Datok Sulaiman Palopo.

C. Tujuan Kuesioner

Tujuan kuesioner ini adalah untuk mengevaluasi kelayakan produk apakah sudah sesuai untuk siswa kelas satu SMP Datok Sulaiman Palopo.

D. Petunjuk Pengisian Tabel Evaluasi

Isilah tabel berikut dengan memberikan tanda centang (✓) pada kolom yang disediakan.

Keterangan:

- 5 Sangat Setuju
- 4 Setuju
- 3 Ragu-ragu
- 2 Tidak Setuju
- 1 Sangat Tidak Setuju

No	Pernyataan	5	4	3	2	1
1.	Materi yang disajikan dalam English Vocabulary Application sesuai untuk pemula.	r		P		
2.	Materi dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo.	-				

Materi yang disajikan dalam English Vocabulary 4. Application mampu meningkatkan vocabulary siswa kelas tujuh SMP Datok Sulaiman Palopo 5. Materi dalam English Vocabulary Application secara keseluruhan menarik dan mudah dipahami 6. Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo 7. Topik-topik materi dalam English Vocabulary 6. Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo 7. Topik-topik materi dalam English Vocabulary 7. Application mudah dipelajari dan diaplikasikan dalam kehidupan sehari-hari 8. Pemilihan jenis dan ukuran huruf dalam English Vocabulary Application menarik dan nyaman dibaca 9. Pemilihan senarik. 10. Tampilan English Vocabulary Application pada setiap halaman menarik. 11. Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat. 12. Sampul English Vocabulary Application menarik. 13. Desain English Vocabulary Application menarik. 14. Setiap button (tombol) pada English Vocabulary Application terfungsi dengan baik. 15. Bahasa yang digunakan dalam English Vocabulary Application mudah dipahami. 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? MPVkoSi, IN Sun941 KeVS, dus, teods, di English vocabulary?	3.	Materi dalam English Vocabulary Application secara	+	1		T
4. Application mampu meningkatkan vocabulary siswa kelas tujuh SMP Datok Sulaiman Palopo 5. Materi dalam English Vocabulary Application secara keseluruhan menarik dan mudah dipahami 6. Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo 7. Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo 7. Application mudah dipelajari dan diaplikasikan dalam kehidupan sehari-hari 8. Pemilihan jenis dan ukuran huruf dalam English Vocabulary Application menarik dan nyaman dibaca 9. Pemilihan warna dalam English Vocabulary Application tepat dan menarik 10. Tampilan English Vocabulary Application pada setiap halaman menarik 11. Ukuran interface (tampilan layar keseluruhan J English Vocabulary Application sudah tepat 12. Sampul English Vocabulary Application menarik 13. Desain English Vocabulary Application menarik. 14. Setiap button (tombol) pada English Vocabulary Application berfungsi dengan baik. 15. Bahasa yang digunakan dalam English vocabulary application mudah dipahami. 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? MPVkeši, int Sengel kets	-	keseluruhan beragam Materi yang disajikan dalam <i>Fuolish Voyahidary</i>			-	t
Sinkeseluruhan menarik dan mudah dipahami V Topik-topik materi dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo. Topik-topik materi dalam English Vocabulary. 7. Application mudah dipelagari dan diaplikasikan dalam kehidupan sehari-hari V 8. Pemilihan jenis dan ukuran huruf dalam English Vocabulary Application mudah dipelagari dan diaplikasikan dalam kehidupan sehari-hari V 9. Pemilihan varna dalam English Vocabulary Application tepat dan menarik V 10. Tampilan English Vocabulary Application pada setiap halaman menarik V 11. Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat V 12. Sampul English Vocabulary Application menarik. V 13. Desain English Vocabulary Application menarik. V 14. Setiap button (tombol) pada English Vocabulary Application berfungsi dengan baik. V 15. Bahasa yang digunakan dalam English vocabulary Application menarik. V 15. Bahasa yang digunakan dalam English vocabulary application menarik. V 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? V 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? K665	4.	Application mampu meningkatkan vocabulary siswa kelas				
Topik-topik materi dalam. English Vocabulary 6. Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo. Topik-topik materi dalam. English Vocabulary 7. Application mudah dipelajari dan diaplikasikan dalam kehidupan sehari-hari 8. Pemilihan jenis dan ukuran huruf dalam. English Vocabulary Application menarik dan nyaman dibaca. 9. Pemilihan varna dalam. English Vocabulary Application tepat dan menarik. 10. Tampilan. English Vocabulary Application pada setiap halaman menarik. 11. Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat. 12. Sampul English Vocabulary Application menarik. 13. Desain English Vocabulary Application menarik. 14. Setiap button (tombol) pada. English Vocabulary Application menarik. 15. Bahasa yang digunakan dalam English vocabulary in tenso 15. Bahasa yang digunakan dalam English vocabulary in tenso 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? MPVkosi, IN Sen941 teats dan in	5.		-			
7. Application mudah dipelajari dan diaplikasikan dalam kehidupan sehari-hari 8. Pemilihan jenis dan ukuran huruf dalam English Vocabulary Application menarik dan nyaman dibaca. 9. Pemilihan warna dalam English Vocabulary Application repat dan menarik. 10. Tampilan English Vocabulary Application pada setiap halaman menarik. 11. Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat. 12. Sampul English Vocabulary Application menarik. 13. Desain English Vocabulary Application menarik. 14. Setiap button (tombol) pada English Vocabulary Application gapilication menarik. 15. Bahasa yang digunakan dalam English vocabulary in pala setiap halasi yang digunakan dalam English vocabulary in pala setiap hutton (tombol) pada tenglish vocabular	6,	Topik-topik materi dalam. English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh	*			
a. Vocabulary Application menarik dan nyaman dibaca. V 9. Pemilihan warna dalam English Vocabulary Application tepat dan menarik. V 10. Tampilan English Vocabulary Application pada setiap halaman menarik. V 11. Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat V 12. Sampul English Vocabulary Application menarik. V 13. Desain English Vocabulary Application menarik. V 14. Setiap button (tombol) pada English Vocabulary Application menarik. V 15. Bahasa yang digunakan dalam English wocabulary in V V 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? V 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? V 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? V 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? V	7.	Application mudah dipelajari dan diaplikasikan dalam kehidupan sehari-hari		~		
9. tepat dan menarik. V 10. Tampilan English Vocabulary Application pada setiap halaman menarik. V 11. Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat V 12. Sampul English Vocabulary Application menarik. V 13. Desain English Vocabulary Application menarik. V 14. Setiap button (tombol) pada English Vocabulary Application menarik. V 15. Bahasa yang digunakan dalam English wocabulary in V V 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? V 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? V 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? V	8.			V		
10. Tampilan English Vocabulary Application pada setiap halaman menarik. v 11. Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat v 12. Sampul English Vocabulary Application menarik. v 13. Desain English Vocabulary Application menarik. v 14. Setiap button (tombol) pada English Vocabulary Application menarik. v 15. Bahasa yang digunakan dalam English vocabulary vocabulary volapplication mudah dipahami. v 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? v 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? v 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? v	9.		v			I
11. Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat V 12. Sampul English Vocabulary Application menarik. V 13. Desain English Vocabulary Application menarik. V 14. Setiap button (tombol) pada English Vocabulary Application menarik. V 15. Bahasa yang digunakan dalam English vocabulary vocabular	10.	Tampilan English Vocabulary Application pada setiap		v		i
12. Sampul English Vocabulary Application menarik. v 13. Desain English Vocabulary Application menarik. v 14. Setiap button (tombol) pada English Vocabulary v 15. Bahasa yang digunakan dalam English vocabulary v 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? v 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? ktots	11.	Ukuran interface (tampilan layar keseluruhan) English		v		İ
14. Setiap button (tombol) pada English Vocabulary Application berfungsi dengan baik * 15. Bahasa yang digunakan dalam English vocabulary application mudah dipahami. * 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? HPUKosi, iri Sungui bays dur, handu di Poleni, unter Kens	12.		v			İ
Application berfungsi dengan baik * 15. Bahasa yang digunakan dalam English vocabulary * application mudah dipahami * 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? * MPIkosi, IN Sungai bays dun, handa di Bahami, untou kens *	13.	Desain English Vocabulary Application menarik.	V			İ
15. Bahasa yang digunakan dalam English wocabulary opplication mudah dipahami. v 16. Bagaimana pendapat anda terhadap aplikasi English vocabulary? v HPUKuSi, iri Sungul tegist dan, brook, d. Folomi, untor kens	14.			Y		İ
16. Bagaimana pendapat anda terhadap aplikasi English vocabidary? Aplikasi, ini Sungui tedis dun modu di pateni untor kens	15,	Bahasa yang digunakan dalam English wocabulary	÷	v		i
	-	Apukasi ini Sungui bagus dun madu di kahumi u Kabungi dengan pemana guna kunu kaempananana k	Full			

KUESIONER EVALUASI UNTUK PENGGUNA (SISWA) A. Data Responden Arumus Ahmad Nama Kelas 78 Gender Pwanik Usia 17 11 B. Tujuan Penelitian Tujuan penelitian ini adalah membuat sebuah produk dalam membantu atau memvasilitasi siswa dalam mengembangkan kosakata bahasa Inggris untuk siswa SMP Datok Sulaiman Palopo. C. Tujuan Kuesioner Tujuan kuesioner ini adalah untuk mengevaluasi kelayakan produk apakah sudah sesuai untuk siswa kelas satu SMP Datok Sulaiman Palopo. D. Petunjuk Pengisian Tabel Evaluasi isilah tabel berikut dengan memberikan tanda centang (√) pada kolom yang disediakan. Keterangan: : Sangat Setuju 5 4 Setuju Ragu-ragu 3 Tidak Setuju 2 Sangat Tidak Setuju 1 5 4 3 2 No Pernyataan Materi yang disajikan dalam English Vocabulary 1 1. Application sesuai untuk pemula Materi dalam English Vocabulary Application sesuai 1 dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman 2. Palopo

18

3.	Materi dalam English Vocabulary Application secara keseluruhan beragam.	1		
4.	Materi yang disajikan dalam English Vocabulary Application mampu meningkatkan vocabulary siswa kelas tujuh SMP Datok Sulaiman Palopo	1		
5.	Materi dalam English Vocabulary Application secara keseluruhan menarik dan mudah dipahami	1		
6.	Topik-topik materi dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo.	1		
7.	Topik-topik materi dalam English Vocabidary Application mudah dipelajari dan diaplikasikan dalam kehidupan sehari-hari	1		
8.	Pemilihan jenis dan ukuran huruf dalam English Vocabulary Application menarik dan nyaman dibaca	1		
9,	Pemilihan warna dalam English Vocabulary Application tepat dan menarik.	1		
10.	Tampilan English Vocahulans Application pade setien	1		
11.	Illowen interface (termolen laver becalumban) English	1		
12.		\checkmark		
13.	Desain English Vocabulary Application menarik.	1	1	
14,	Setiap button (tombol) pada English Vocabulary Application berfungsi dengan baik.	V		
15.	Bahasa yang digunakan dalam English vocabulary application mudah dipahami	1		
	Bagaimana pendapat anda terhadap aplikasi English vocabula Engal membentu dan reingal reru cipikari (Ini 1436 membual tita belajar betak regris matari leicih membual ripikari ini	Engli	rt var ngan	aburan

- KUESIONER EVALUASI UNTUK PENGGUNA (SISWA) A. Data Responden Nastah Nasir Nama Kelas UnB Putantuan Gender ne fabur Usia B. Tujuan Penelitian Tujuan penelitian ini adalah membuat sebuah produk dalam membantu atau memvasilitasi siswa dalam mengembangkan kosakata bahasa Inggris untuk siswa SMP Datok Sulaiman Palopo C. Tujuan Kuesioner Tujuan kuesioner ini adalah untuk mengevaluasi kelayakan produk apakah sudah sesuai untuk siswa kelas satu SMP Datok Sulaiman Palopo. D. Petunjuk Pengisian Tabel Evaluasi Isilah tabel berikut dengan memberikan tanda centang (1) pada kolom yang disediakan. Keterangan: 5 Sangat Setuju 4 Setuju 3 Ragu-ragu Tidak Setuju 2 Sangat Tidak Setuju T No Pernyataan 5 4 3 2 Materi yang disajikan dalam English Vocabulary
 - No
 Pernyataan
 5
 4
 3
 2
 1

 1.
 Materi yang disajikan dalam English Vocabulary Application sesuai untuk pemula.

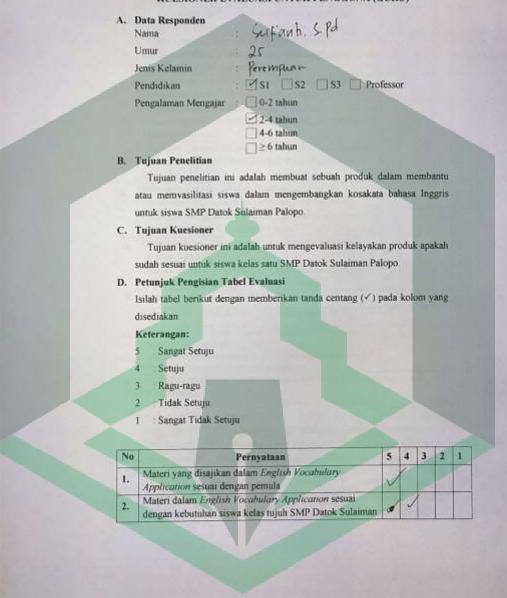
 2.
 Materi dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo.

	keseluruhan beragam	10			
4.	Materi yang disajikan dalam English Vocabulary Application mampu meningkatkan vocabulary siswa kelas tujuh SMP Datok Sulaiman Palopo		V		
5,	Materi dalam English Vocabulary Application secara keseluruhan menarik dan mudah dipahami.	L	/		
6.	Topik-topik materi dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo	-	1		
7.	Topik-topik materi dalam English Vocabulary Application mudah dipelajari dan diaplikasikan dalam kehidupan sehari-hari	~	2		
8.	Pemilihan jenis dan ukuran huruf dalam English Vocabulary Application menarik dan nyaman dibaca.	L			
9.	Pemilihan warna dalam English Vocabulary Application tepat dan menarik.	-	/		
10.	Tampilan English Vocabulary Application pada setiap halaman menarik	~			
11.	Ukuran interface (tampilan layar keseluruhan) English Vocabulary Application sudah tepat	~	10		
12.		~	~		T
13,	Desain English Vocabulary Application menatik.	~	~		
14.	Setiap hutton (tombol) pada English Vocabulary Application berfungsi dengan baik.	~	1		l
15.	to be a super dimension delem English woodbulary	4	/		
16. E	Bagaimana pendapat anda terhadap aplikasi English vocabula Sangat Sagus dan pundan di Fuahari daram luhiduka dan duga Faka setiak huranannya nunaris dan fukat Sakasa yang di gunatan daram anginik valahurany nuclah di Pakani	n ^{se} d atri	lan d Lcad	490	4

APPENDIX 7

THE RESULT OF TEACHER PERCEPTION

KUESIONER EVALUASI UNTUK PENGGUNA (GURU)



	D.I.	1	_	- 77	-	-
	Palopo	-				
3.	Materi dalam English Vocabulary Application secara keseluruhan beragam.		1			
4.	Materi yang disajikan dalam English Vocahulary Application mampu meningkatkan vocabulary siswa kelas tujuh SMP Datok Sulaiman Palopo)				
5.	Materi dalam English Vocabulary Application secara keseluruhan menarik dan mudah dipahami.	1				
6.	Topik-topik materi dalam English Vocabulary Application sesuai dengan kebutuhan siswa kelas tujuh SMP Datok Sulaiman Palopo.					
7.	Topik-topik materi dalam English Vocabulary Application mudah dipelajari dan diaplikasikan dalam kehidupan sehari-hari	~				
8.	Pemilihan jenis dan ukuran huruf dalam English Vocabulary Application menarik dan nyaman dibaca.	~				
9.	Pemilihan warna dalam English Vocabulary Application tepat dan menarik minat untuk dibaca.	J				
10,	Tampilan English Vocabulary Application pada setiap halaman menarik.	1				
11.	Ukuran interface (tampilan layar keseluruhan aplikasi) English Vocabulary Application sudah tepat	V				
12.	Sampul English Vocabulary Application menarik.	5				
13.	Desain English Vocabulary Application menank.	1				
14.	Tombol (button) pada English Vocabulary Application berfungsi dengan baik.	~				
15.	Secara keseluruhan bahasa yang digunakan dalam English vocabulary application mudah dipahami.	1				

APPENDIX 8

THE FINAL PRODUCT OF ENGLISH VOCABULARY APPLICATION



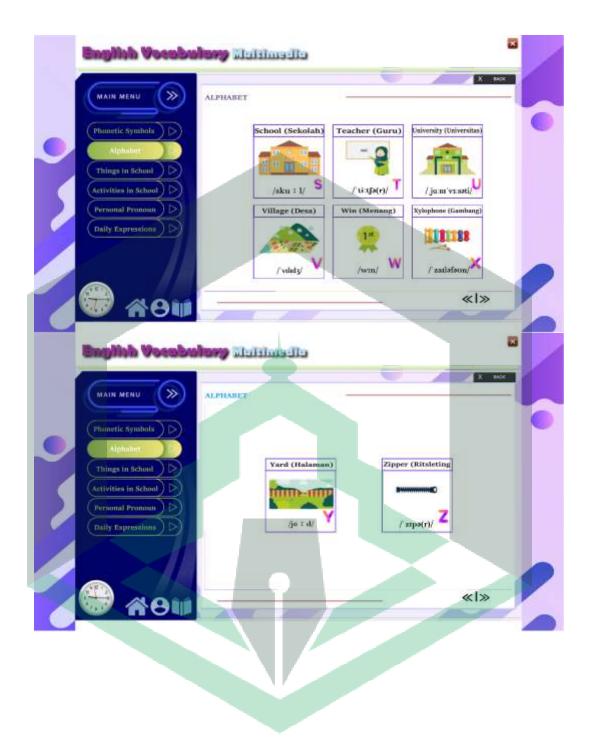




	maalla			
				X 16
(MAIN MENU >>> VOWEL SYMBO	0LS			
	Simbol	Fonetik	Contoh Kata	
Plannet in a manual and a second	E.	hiti	see (melihat)	
Alphaber)>)		∉enl/	any (beberapa)	
Things in School)	1	/eatl	sit (duduk)	
	e	./ten/	ten (sepuluh)	
Activities in School) >	- 25	/tup!	hat (topl)	
Personal Promout	¢.	lacmi	asm (lengan)	
hilly Expressions) >)	0	1000	got (mendapatkan)	
	a:	ho:/	saw (gerguji)	
	u .	(put)	put (taruh)	
	u.	#skutif	school (uskolah)	
🖗 🔴 📂	u	[]agual	usual (biasariya)	≫
inglish Vocabalany Maili	ullerin			
				X 14
MAIN MENU SYNDO	1.12			
MAIN MENU				
		Fonetik	Contoh Kata	
Somethe Syndrome D	6	Rupi	cup (cangkir)	
Alphaber >>		/ta:(r)/	fur (bulu)	
Things in Schust	8	Ve. gour	ago (yang lalu)	
clivitien in School	et	ipes/ Anni	pay (bayar)	
Personal Pronout	16	/taxw/	five (lima) Nome (numah)	
	au	inau/	now bekarang	
Daily Expressions	20	/dyaan/	join (gabung)	
	10	/nze///	oear idekati	
	00	mea(r)/	hair (cambut)	
	00	(p)ue(r)/	pure (murni)	
	-			«I
inglish Vecabulary Mater	ulu			
				X **
	YMBOLS			X 44
MAIN MENU	Simbol	Fonetik	Contoh Kata	X 64
	YMBOLS	Fonetik /pen/ /bael/	pen (pulpen)	X 64
MAIN MENU	Simbol	/pen/	and the state of the state of the state of the state of the state of the state of the state of the state of the	× 44
AIN MENU	Simber b	/pen/ /bascl/	pen (pulpen) bad (buruk)	X 64
AIN MENU	FALBOLS Simbol b 1	/pen/ /band/ /8//	pen (pulpen) bad (buruk) bea (tinh)	X 69
MAIN MENU CONSONANT ST Augustatic Stream Alphabet Things in School ctivitien in School	Simbol 5	/pen/ /bued/ /8./ /dodi	pen (pulpen) bad (buruk) tee (luh) did (melakukan)	X 64
MAIN MENU SCONSONANT ST Consonant Alphabet D Things in School D resultal Promium	Simbol 5 5 1 6 1	/pen/ /baed/ /8./ /dodi /baet/	pen (pulpen) bad (bunuk) tee (liih) did (melakukan) cat (kucing)	X 64
MAIN MENU	YMBOLS Simbol b t d d d d s	/pen/ /bact/ /bi/ /dtol /dtol /dtol/ /got/ /dgot/ /dgot/ /dgu m/	pen (pulpen) bad (buruk) tea (lah) did (melakukan) cat (kucing) get (meridepatkan) chin (degu) Dune Duni)	× 44
MAIN MENU SCONSONANT ST Alphabet Things in School D trivitien in School D	YMDOLS Simbol b t d d f d 5 f	/pen/ /baed/ /blued/ /dtod/ /d	pen (pulpen) bad (buruk) tea (lah) did (melakukan) cat (kucing) get (meridapatkan) chin (dagu) Dune (Duni) fall (jatuh)	× 44
AAIN MENU SCONSONANT ST Alphabet School Scho	YMDOLS Simbol b t d d f f v	/pen/ /baed/ /bi/ /dod/ /dod/ /goU /dgoU /dgoU /dgo/ /dgo/ /dgo/ /dgo/	pen (pulpen) bad (buruk) tea (lah) did (melakukan) cat (kucing) gat (meridapatkan) chin (dagu) June (Juni) fall (jatuh) van (mobili van)	× 44
IN MENU CONSONANT ST adde remains Alphabet hgs in Schust itien in Schust add Promiut	YMDOLS Simbol b t d d f d 5 f	/pen/ /baed/ /blued/ /dtod/ /d	pen (pulpen) bad (buruk) tea (lah) did (melakukan) cat (kucing) get (meridapatkan) chin (dagu) Dune (Duni) fall (jatuh)	X 44

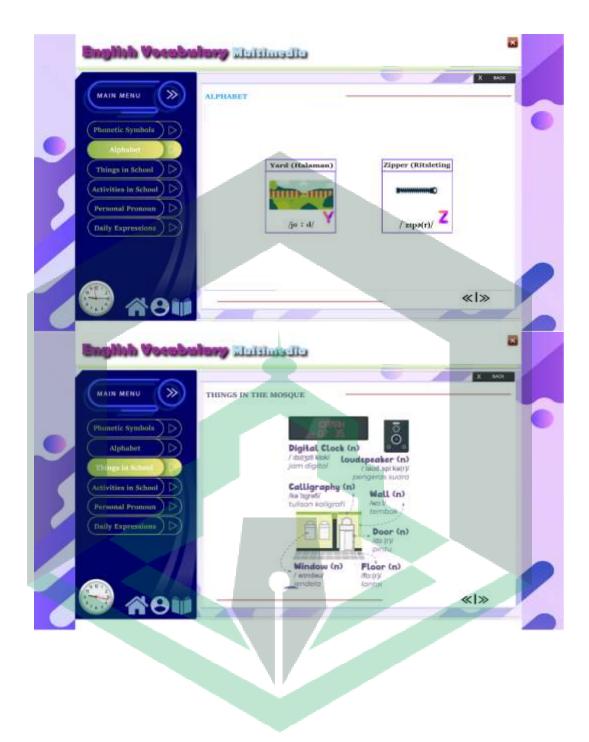




























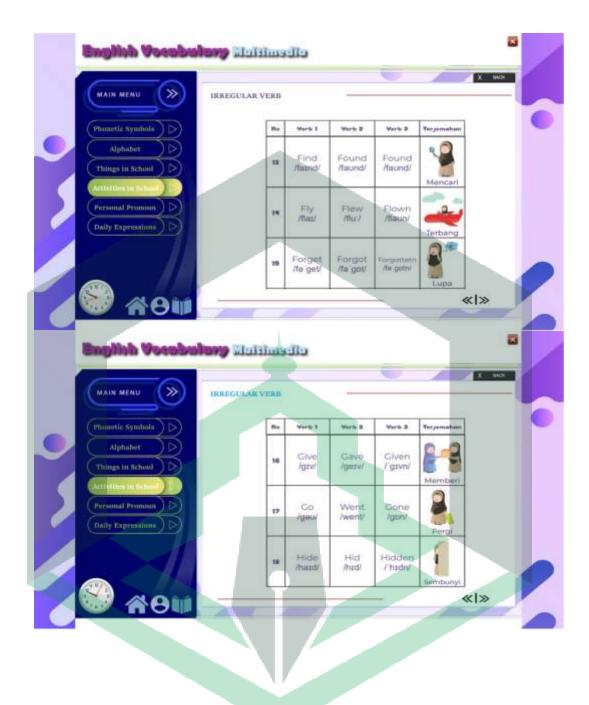






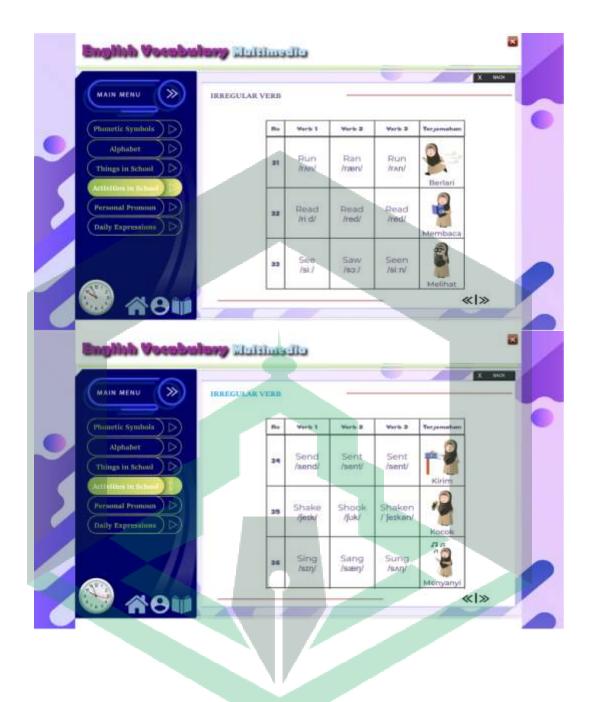




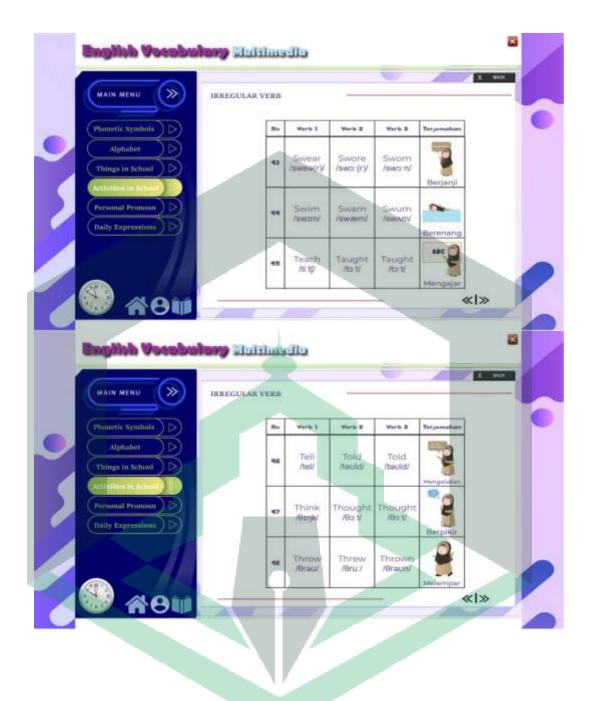














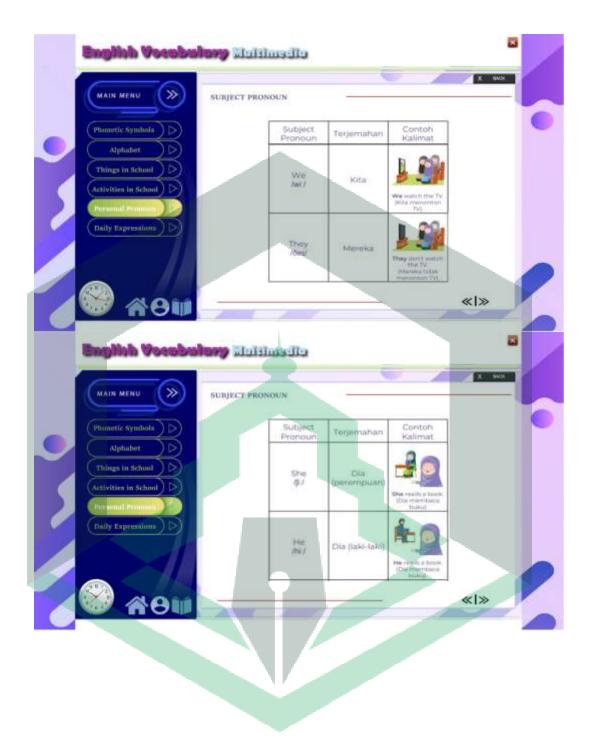
















			- A	
MAIN MENU S DAILY EXPRE	ssions	_		
	No	Daily Expressions	Terjemahan	
netic Symbols	1	Dawn pray	salet subuh	
	2	Midday-peay	wardstation	
haber D	3	Afternoon prey	salat salar	
Schuel) (>)	-4	Emping pray	salist mogrib	
n School	5	istua printe	salat ispa	
	6	Call to pray	estavi	
	2	Have a treakfast	Sector And	
	8	Have a lunch	makan siang-	
	9	Have a dinner	makan malam	
and the second sec	10	i are statving!	seya lapar	
	11	Fam 104	saya kenyeng	
ñ00	12	IT IS debicious	minak	b
sing Acception and	ilmised	lo		
	9	60	-	
	ISSIONS	Duly Estimations	Terjamahan	
NU DAILY EXPRE	SSIONS No. 12	Daily Expressions It is too safty	ini tertehy aun	
NU DAILY EXPRE	SSIONS Hes 12 14	Daily Expressions It is too safe Tern sleepty	ini tantahy awn waya mengaintule	
MU DAILY EXPRE	SSIONS No. 12	Daily Expressions It is too safty	ini tertehy aun	
	5510NS	Daily Expressions In is too safe Term steepty Term schoomed	Ini tentah, een seye mengarituk seye sengat tepek Seye meu mandi Bengan App	
	55510NS 113 114 115 115	Doly Extinguines It is too safty The schooted I want in take a task Down forget to bring	Ini tertahu aan saya mangarituk saya sengat capek Saya masi mandi Saya masi mandi	
	5510NS 13 14 15 16 17	Doly Expressions It is too safty Dam sleepy Lam schoottod Iwant to take a bath Doot forget to bring year holy Quran Have you taken	Ini tartah, aan aaya mengarituk saya sengat tapek Saya muu ntandi sengan tapa membawa Al-Quitan My Apakah kamu sudah Berwudahu?	
	55510NS 12 14 15 16 77 10	Daily Expressions In is too cally Form already I sam ashounted I want to take a bath Daint forgets being plant fillig Quitan Hare you taken abuiton? Hare you taken abuiton?	Initariah, aan aaya mangarituk xaya sangat tappik Tappa mau mandi Tangan tapa mambaan Argunan mu Apakah kamu sudah Eerou auduh	
	25510NS Nes 12 14 15 16 17 10 17 10 17 10 17	Doly Extreminent It is too safty Dam alweyy Lam ashoontod Iwant to take a bath Dolet Seglet to beleg year Holy Qurans Have you taken ashutson? If you pay don't mens around It is time for exerting program don't mens around It is time for exerting program.	Ini tertah, sen aaya mengarituk seya sengat sepek Sepa mau mandi sengan lupa membanya Al-Quitan my Apasah kamu sudah beru udau Sela bedang selat mgat mbau maa	
AU DAILY EXPRE	5510NS No 15 16 17 10 17 10 19 20	Doily Expressions It is too safty Dam simpy Learn schoorpod I want to take a bath Doot forget to bring prior Holy Quiran Hane you taken abutton? Myoo pay don't myoo pay do	Ini tertah, sen aaya mengarituk seya sengat sepek Sepa mau mansi sengan lupa membawa Al-Quitan ma Al-Quitan ang Al-Quitan Baka tedang selat pengah maan masi Waktunya selat magrib Waktunya selat lepik apaka bagan pena	
	SSIONS 13 14 15 16 17 10 19 20 21	Donly Enginessions In is too sality Tam always Lemonsbootted Lemonsboott	Ini tertah, sen augu mengantuk sega meu mandi Sengan lupa membawa Al-Quitan ng Apasah kamu sudah beru dal-utan megala wikak medang saku jeropin meun meda wikak medang saku pengah meun meuh Makum gerupa Makan gerupa saku Makum gerupa Agakan gerupa saku Makum gerupa Segara setesan segara setesan	
AU DAILY EXPRE	ESSIONS 13 14 15 16 17 19 20 21 22	Doily Expressions It is too safty Dam simpy Learn schoorpod I want to take a bath Doot forget to bring prior Holy Quiran Hane you taken abutton? Myoo pay don't myoo pay do	Ini tertah, sen augu mangarituk sega mangarituk Sepa mang mangarituk Sepa mang mangari Sengan Japa Apakah karug sudah Berwadhu Mak terdang salut mangari mangritu Waltunya seta mangritu Malibunya salut lepa Apakan sedara pelih uningit	
N MENU DAILY EXPRE	ESSIONS 13 14 15 16 17 19 20 21 22 23	Doly Estimations It is too cally Dam already Lam alrea	Ini tertah, aan aaya mangarituk xaya sengat tappik Sanga mau mangi Sangan lapa mutuk Al-purtan mutuk Al-purtan mutuk Al-purtan mutuk Al-purtan mutuk al-purtan mutuk al-purtan mutuk mutuh mutuk mutuk mutuk al-purtan mutuk mutuk mutuk al-purtan Maliturnya salat lapa Agailah pelgan pelah adawan Sagarita setaan Sagarita setaan	«I»



APPENDIX 9

DOCUMENTATION



Figure 1: Interview the teacher to get additional data



Figure 2: Trying out the application



Figure 3: Sharing the questionnaire to get students' perceptions and teachers' perceptions

CURRICULUM VITAE



Siti Hardianti Rante Padang, she was born in Tana Toraja on November 24th, 2000. Her father's name is Nurdin Rante Padang and her mother's name is Sulfiana Liku Pantan. She has two sisters and one brother. She is the second child in her family. She started her study at Elementary School 122 Gantaran in 2006 and graduated in 2012. After that, she

continued her study at Madrasah Tsanawiyah Negeri Gandang Batu or MTsN 2 Tana Toraja and graduated in 2015. Then, she continued her study at Madrasah Aliyah of Muhammadiyah Boarding School of Tana Toraja and graduated in 2018. After that, she continued her study at the State Islamic Institute of Palopo (IAIN) Palopo with the thesis entitled "Designing English Vocabulary Application for the Seventh Grade Students of SMP Datok Sulaiman Palopo".

Contact Person: stihar24rantepadang@gmail.com