

**DEVELOPING A MULTILINGUAL THEMATIC  
DIGITAL DICTIONARY FOR FIFTH GRADE  
ELEMENTARY SCHOOL STUDENTS**



**FOREIGN LANGUAGE DEPARTMENT**

**FACULTY OF LANGUAGE AND ARTS**

**UNIVERSITAS PENDIDIKAN GANESHA**

**SINGARAJA**

**2022**

**DEVELOPING A MULTILINGUAL THEMATIC  
DIGITAL DICTIONARY FOR FIFTH GRADE  
ELEMENTARY SCHOOL STUDENTS**

**Diajukan Kepada  
Universitas Pendidikan Ganesha**

**Untuk Memenuhi Salah Satu Persyaratan dalam Menyelesaikan  
Program Sarjana Pendidikan Bahasa Inggris**

**OLEH**

**Ni Putu Desy Krisna Dewi**

**NIM 1812021023**

**PROGRAM STUDI PENDIDIKAN BAHASA INGGRIS**

**JURUSAN BAHASA ASING**

**FAKULTAS BAHASA DAN SENI**

**UNIVERSITAS PENDIDIKAN GANESHA**

**SINGARAJA**

**2022**

**SKRIPSI**

**DIAJUKAN UNTUK MELENGKAPI TUGAS DAN MEMENUHI  
PERSYARATAN UNTUK MENCAPIAI GELAR SARJANA PENDIDIKAN**

Menyetujui,

Pembimbing I



Prof. Dr. Ni Made Ratminingsih, M.A.  
NIP. 196609081991022002

Pembimbing II



Prof. Dr. I Gede Budasi, M.Ed.  
NIP. 19581231198531022

**Lembar Persetujuan Dosen Pengaji Skripsi**

Skripsi oleh Ni Putu Desy Krisna Dewi

Telah dipertahankan di depan dewan pengaji

Pada tanggal, 24 Januari 2022

Dewan Pengaji,

Ketua

Dr. Dewa Putu Ramendra, S.Pd., M.Pd.  
NIP. 197609022000031001

Pengaji I,

Anggota

Made Hery Santosa, S.Pd., M.Pd., Ph.D.  
NIP. 197910232003121001

Pengaji II,

Anggota

Prof. Dr. Ni Made Ratminingsih, M.A  
NIP. 196609081991022002

Pengaji III,

Anggota

Prof. Dr. I Gede Budasi, M. Ed.  
NIP. 195812311985031022

**Lembar Persetujuan dan Pengesahan Panitia Ujian Skripsi**

Diterima oleh Panitia Ujian Fakultas Bahasa dan Seni

Universitas Pendidikan Ganesha

guna memenuhi syarat-syarat untuk mencapai gelar sarjana Pendidikan

Pada:

Hari : Kamis

Tanggal : 27 Januari 2022

Mengetahui,

Ketua Ujian,

Dr. Dewa Putu Ramendra, S.Pd., M.Pd.  
NIP. 197609022000031001

Sekretaris Ujian,

Dr. I G A Lokita Burnamika Utami, S.Pd., M.Pd.  
NIP. 198304022006042001

Mengesahkan,  
Dewan Fakultas Bahasa dan Seni



Prof. Dr. I Made Sutama, M.Pd.  
NIP. 196004241986031002

## PERNYATAAN

Dengan ini saya menyatakan bahwa skripsi yang berjudul "**Developing A Multilingual Thematic Digital Dictionary for fifth Grade Elementary School Students**" beserta seluruh isinya adalah benar-benar karya sendiri, dan saya tidak melakukan penjiplakan dan mengutip dengan cara-cara yang tidak sesuai dengan etika yang berlaku dalam masyarakat keilmuan. Atas pernyataan ini, saya siap menanggung resiko atas sanksi yang dijatuhkan kepada saya apabila dikemudian hari ditemukan adanya pelanggaran atau etika keilmuan dalam karya saya ini, atau ada klaim terhadap keaslian karya saya ini.

Singaraja, 20 Januari 2022

Yang membuat pernyataan



Ni Putu Desy Krisna Dewi

NIM. 1812021023

## **DEDICATION**

This thesis is proudly dedicated to:

Ida Sang Hyang widhi Wasa

**Thank You for My Beloved and Lovely Grand Parents**

I Ketut Durma and Ni Nengah Murni

**Thank You for My Family**

I Wayan Sutirka, Ni Nengah Sutiati, Ni Made Devy Kristina Dewi, I Komang

Wahyu Tangkas Adi Putra, Ni Ketut Jesika Kirana Cahya Dewi

**Thank You for My Supervisors**

Prof. Dr. Ni Made Ratminingsih, M.A. and Dr. I Gede Budasi, M. Ed.

**Thank You for All of ELE Lecturers**

**Thank You for My Support System**

DEAREST (Sang Ayu Made Diah Utami Putri and Luh Parmawati), Luh Siantari

Supermodel Squad

The Trouble Makers

Brilliant Class

## ACKNOWLEDGEMENT

Praise and gratitude the authors pray to God Almighty because of His grace that the author completed the thesis entitled "**Developing A Multilingual Thematic Digital Dictionary for Fifth Grade Elementary School Students**". This thesis was prepared to fulfill the requirements to achieve a bachelor's degree in education at Ganesha University of Education.

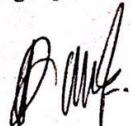
In completing this thesis, the author received many moral and material help from various parties. For that, on this occasion, the author would like to thank.

1. Prof. Dr. Ni Made Ratminingsih, MA as my first supervisor who has provided guidance, direction, and motivation to the author to complete this thesis.
2. Prof. I Gede Budasi, M. Ed as my second supervisor who has provided guidance, direction, and motivation to the author in the completion of this thesis.
3. To my dearest grandparents, I Ketut Durma and Ni Nengah Murni, who always provide prayers, material support, and motivation to the author to complete this thesis.
4. To my parents, I Wayan Sutirka and Ni Nengah Sutiati; then, to my parents in the orphanage Alm. Nyoman Suantara and Made Suwili and my aunty Ni Komang Eka Sri Arini who motivated me to complete this thesis.
5. To my dearest siblings, Devy, Wahyu, and Jesy who are willing to be bothered in every matter in completing this thesis.

6. My best friends (Sang Ayu and Parma), Luh Siantari and my support system Supermodel Squad, The TroubleMakers, and Brilliant Class.
7. Last but not least I want to thank me, I want to thank me for believing in me, I want to thank me for doing all this hard work, I want to thank me for having no days off, I want to thank me for never quitting, I want to thank me for always being a giver and tryna give more than I receive, I want to thank me for tryna do more right than wrong, I want to thank me for just being me at all times

The author is fully aware that what is presented in this thesis is still far from perfect due to the limited ability of the author. For the sake of perfection of this thesis, the author expects all constructive criticism and suggestions from various parties. The author hopes that this thesis can be valuable and useful for all of us, especially for the development of education.

Singaraja, 20 Januari 2022



Ni Putu Desy Krisna Dewi

1812021023

## TABLE OF CONTENTS

<u>COVER</u> .....	i
<u>LEMBAR PERSETUJUAN</u> .....	ii
<u>PERNYATAAN</u> .....	v
<u>DEDICATION</u> .....	vi
<u>ACKNOWLEDGEMENT</u> .....	vii
<u>ABSTRACT</u> .....	ix
<u>TABLE OF CONTENTS</u> .....	xi
<u>LIST OF FIGURES</u> .....	xiv
<u>LIST OF TABLES</u> .....	xvi
<u>LIST OF APPENDICES</u> .....	xvii
<u>CHAPTER I</u> .....	1
<u>INTRODUCTION</u> .....	1
<u>1.1 Background of the Study</u> .....	1
<u>1.2 Problem Identification</u> .....	5
<u>1.3 Research Limitation</u> .....	5
<u>1.4 Statement of Problems</u> .....	6
<u>1.5 Research Objectives</u> .....	6
<u>1.5.1 General Objective:</u> .....	6
<u>1.5.2 Specifics Objective:</u> .....	6
<u>1.6 The Specification of the Product</u> .....	7
<u>1.7 Research Significance</u> .....	7
<u>1.7.1 Theoretical Significance</u> .....	7
<u>1.7.2 Practical Significance</u> .....	8
<u>1.8 Definition of Key Term</u> .....	8
<u>1.8.1 Conceptual Definition</u> .....	8
<u>1.8.2 Operational Definition</u> .....	10
<u>CHAPTER II</u> .....	12
<u>REVIEW OF LITERATURE</u> .....	12
<u>2.1 Theoretical Review</u> .....	12

<u>2.1.1 Literacy</u> .....	12
<u>2.1.2 Young Learners</u> .....	13
<u>2.1.3 Digital Learning Media</u> .....	13
<u>2.1.4 Multilingual Thematic Digital Dictionary</u> .....	15
<u>2.1.5 Criteria of a Good Digital Media</u> .....	17
<u>2.1.6 Steps in Designing Dictionary/Digital Dictionary</u> .....	18
<u>2.1.7 Needs Analysis</u> .....	19
<u>2.2 Empirical Reviews</u> .....	20
<u>CHAPTER III</u> .....	26
<u>RESEARCH METHODOLOGY</u> .....	26
<u>3.1 Research Design</u> .....	26
<u>3.2 Research Subjects</u> .....	27
<u>3.3 Method of Collecting Data</u> .....	27
<u>3.4 Research Instrument</u> .....	28
<u>3.4.1 Questionnaire</u> .....	28
<u>3.4.2 Observation Sheet</u> .....	28
<u>3.4.3 Interview Guide</u> .....	29
<u>3.4.4 Judgment Form</u> .....	29
<u>3.5 Procedures of Data Collection</u> .....	29
<u>3.6 Data Analysis</u> .....	30
<u>CHAPTER IV</u> .....	33
<u>FINDING AND DISCUSSION</u> .....	33
<u>4.1 Findings</u> .....	33
<u>4.1.1 Analysis</u> .....	33
<u>4.1.2 Design</u> .....	57
<u>4.1.3 Development</u> .....	60
<u>4.1.4 Evaluation</u> .....	67
<u>4.2 Discussions</u> .....	80
<u>4.3 Implication</u> .....	85
<u>CHAPTER V</u> .....	96

<u>SUMMARY, CONCLUSION, AND SUGGESTION</u> .....	96
<u>5.1 Summary</u> .....	96
<u>5.2 Conclusion</u> .....	98
<u>5.3 Suggestion</u> .....	99
<u>REFERENCES</u> .....	101
<u>APPENDIX</u> .....	105



## LIST OF FIGURES

<u>Figure 3.1</u> .....	26
<u>Richey &amp; Klein (2005) Design and Development model</u> .....	26
<u>Figure 4.1</u> .....	60
<u>The Home content</u> .....	60
<u>Figure 4.2</u> .....	60
<u>The Home Layout Design</u> .....	60
<u>Figure 4.3</u> .....	61
<u>The List Alphabet Design</u> .....	61
<u>Figure 4.4</u> .....	62
<u>The Background layout</u> .....	62
<u>Figure 4.5</u> .....	62
<u>Teachers' Questionnaire Results</u> .....	44
<u>The Elements on the layout</u> .....	62
<u>Figure 4.6</u> .....	62
<u>The Elements on the layout</u> .....	62
<u>Figure 4.7</u> .....	63
<u>The Elements on the layout</u> .....	63
<u>Figure 4.8</u> .....	63
<u>Pictures for Each layout</u> .....	64
<u>Figure 4.9</u> .....	64
<u>Vocabularies and Sentences in Three Languages</u> .....	64
<u>Figure 4.10</u> .....	65
<u>The audio for Each Vocabulary</u> .....	65
<u>Figure 4.11</u> .....	65
<u>The Audio for Each Vocabulary</u> .....	65
<u>Figure 4.12</u> .....	66
<u>The Audio for Each Vocabulary</u> .....	66
<u>Figure 4.13</u> .....	66
<u>Hyperlink to Connect Slide to Slide</u> .....	66
<u>Figure 4.14</u> .....	66
<u>Hyperlink to Connect Slide to Slide</u> .....	66

## LIST OF TABLES

<u>Table 2.1</u> .....	17
<u>Criteria of a Good Digital Media</u> .....	17
<u>Table 3.1</u> .....	27
<u>List of the Schools</u> .....	27
<u>Table 3.2</u> .....	31
<u>Gregory Formula (Candiasa, 2010)</u> .....	31
<u>Table 3.3</u> .....	32
<u>The Categories in Rating Quality Media by Nurkancana &amp; Sunartana (2004) ....</u>	32
<u>Table 4.1</u> .....	40
<u>Students' Questionnaire Results</u> .....	40
<u>Table 4.2</u> .....	44
<u>Table 4.3</u> .....	68
<u>Content Validity Judgment Result</u> .....	68
<u>Table 4.4</u> .....	68
<u>Guidance for the Scoring of Validity Judgment</u> .....	68
<u>Table 4.5</u> .....	69
<u>Home Layout Revision</u> .....	69
<u>Table 4.6</u> .....	69
<u>Content Layout revision</u> .....	69
<u>Table 4.7</u> .....	70
<u>Alphabet Layout Revision</u> .....	70
<u>Table 4.8</u> .....	71
<u>Arrow Button Transition Revision</u> .....	71
<u>Table 4.9</u> .....	71
<u>Audio Revision</u> .....	71
<u>Table 4.10</u> .....	73
<u>Vocabularies and Sentences Revision</u> .....	73
<u>Table 4.11</u> .....	77
<u>The Categories in Rating Quality Media by Nurkancana &amp; Sunartana (2004) ....</u>	77

## LIST OF APPENDICES

<u>APPENDIX 1</u> .....	105
<u>The Example of Final Product (Digital Dictionary)</u> .....	105
<u>APPENDIX 2</u> .....	107
<u>Observation Sheets</u> .....	107
<u>Appendix 3</u> .....	108
<u>Teacher's Interview Guide</u> .....	108
<u>APPENDIX 4</u> .....	110
<u>Student's Interview Guide</u> .....	110
<u>APPENDIX 5</u> .....	112
<u>Questionnaire for Students</u> .....	112
<u>APPENDIX 6</u> .....	114
<u>Questionnaire for Teachers</u> .....	114
<u>APPENDIX 7</u> .....	116
<u>Result of Observation Sheets</u> .....	116
<u>APPENDIX 8</u> .....	118
<u>Result of Students' Questionnaires</u> .....	118
<u>APPENDIX 9</u> .....	119
<u>Result of Teachers' questionnaires</u> .....	119
<u>APPENDIX 10</u> .....	121
<u>The results of Student's Interview (1)</u> .....	121
<u>APPENDIX 11</u> .....	125
<u>APPENDIX 12</u> .....	140
<u>The Result of Content validity and quality judgment by 1<sup>st</sup> expert</u> .....	140
<u>APPENDIX 13</u> .....	152
<u>The Results of Content Validity and Quality Judgment by 2<sup>nd</sup> expert</u> .....	152
<u>APPENDIX 14</u> .....	154
<u>The Result of Quality Judgment by Users</u> .....	154
<u>APPENDIX 15</u> .....	178
<u>Documentations</u> .....	178
<u>APPENDIX 16</u> .....	178

