

**DEVELOPMENT OF A DIGITAL STORYBOOK ON
SDG-15 TO FACILITATE READING
BEHAVIOURAL ENGAGEMENT OF SIXTH
GRADE STUDENTS AT SD LAB UNDIKSHA**

SKRIPSI



**PROGRAM STUDI PENDIDIKAN BAHASA INGGRIS (S1)
JURUSAN BAHASA ASING
FAKULTAS BAHASA DAN SENI
UNIVERSITAS PENDIDIKAN GANESHA**



- UU ITE No. 11 Tahun 2008 Pasal 5 Ayat 1 "Informasi Elektronik dan/atau hasil cetaknya merupakan alat bukti hukum yang sah"
- Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan BSrE - BSSN, validitas dokumen elektronik ini bisa dicek menggunakan aplikasi mobile VeryDS oleh BSrE
- Cetakan dokumen ini merupakan salinan dari file dokumen bertandatangan elektronik yang keabsahannya dapat diakses melalui scan QRCode yang terdapat pada sertifikat ini.



**Balai Besar
Sertifikasi
Elektronik**



- UU ITE No. 11 Tahun 2008 Pasal 5 Ayat 1 "Informasi Elektronik dan/atau hasil cetaknya merupakan alat bukti hukum yang sah"
- Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan BSrE - BSSN, validitas dokumen elektronik ini bisa dicek menggunakan aplikasi mobile VeryDS oleh BSrE
- Cetakan dokumen ini merupakan salinan dari file dokumen bertandatangan elektronik yang keabsahannya dapat diakses melalui scan QRCode yang terdapat pada sertifikat ini.



**Balai Besar
Sertifikasi
Elektronik**

SKRIPSI

DIAJUKAN UNTUK MELENGKAPI TUGAS DAN MEMENUHI SYARAT-SYARAT UNTUK MENCAPAI GELAR SARJANA PENDIDIKAN

Menyetujui

Pembimbing I	Dr. Ni Wayan Surya Mahayanti, S.Pd., M.Pd. NIP.198805172012122002
Pembimbing II	Ni Luh Putu Era Adnyayanti, S.Pd.,M.Pd. NIP.198904082023212043



- UU ITE No. 11 Tahun 2008 Pasal 5 Ayat 1 "Informasi Elektronik dan/atau hasil cetaknya merupakan alat bukti hukum yang sah"
- Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan BSrE - BSSN, validitas dokumen elektronik ini bisa dicek menggunakan aplikasi mobile VeryDS oleh BSrE
- Cetak dokumen ini merupakan salinan dari file dokumen bertandatangan elektronik yang keabsahannya dapat diakses melalui scan QRCode yang terdapat pada sertifikat ini.



**Balai Besar
Sertifikasi
Elektronik**

Skripsi oleh Komang Devi Damayanti ini
telah dipertahankan di depan dewan penguji
Pada tanggal 06 Juli 2026

Dewan Penguji

Ketua	Prof. Dr. Ni Made Ratminingsih, M.A. NIP.196609081991022002
Anggota	I Putu Indra Kusuma, S.Pd., M.Pd. Ph.D. NIP.198701172014041001
Anggota	Dr. Ni Wayan Surya Mahayanti, S.Pd., M.Pd. NIP.198805172012122002
Anggota	Ni Luh Putu Era Adnyayanti, S.Pd., M.Pd. NIP.198904082023212043



- UU ITE No. 11 Tahun 2008 Pasal 5 Ayat 1 "Informasi Elektronik dan/atau hasil cetaknya merupakan alat bukti hukum yang sah"
- Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan BSrE - BSSN, validitas dokumen elektronik ini bisa dicek menggunakan aplikasi mobile VeryDS oleh BSrE
- Cetakan dokumen ini merupakan salinan dari file dokumen bertandatangan elektronik yang keabsahannya dapat diakses melalui scan QRCode yang terdapat pada sertifikat ini.



**Balai Besar
Sertifikasi
Elektronik**

Diterima oleh Panitia Ujian Fakultas Bahasa dan Seni
Universitas Pendidikan Ganesha
guna memenuhi syarat-syarat untuk mencapai gelar Sarjana Pendidikan

Menyetujui

Ketua Ujian	Dr. Ni Luh Putu Eka Sulistia Dewi, S.Pd. M.Pd. NIP.198104192006042002
Sekretaris Ujian	Prof. Dr. I G A Lokita Purnamika Utami, S.Pd., M.Pd. NIP.198304022006042001



- UU ITE No. 11 Tahun 2008 Pasal 5 Ayat 1 "Informasi Elektronik dan/atau hasil cetaknya merupakan alat bukti hukum yang sah"
- Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan BSrE - BSSN, validitas dokumen elektronik ini bisa dicek menggunakan aplikasi mobile VeryDS oleh BSrE
- Cetakan dokumen ini merupakan salinan dari file dokumen bertandatangan elektronik yang keabsahannya dapat diakses melalui scan QRCode yang terdapat pada sertifikat ini.



**Balai Besar
Sertifikasi
Elektronik**

PERNYATAAN

Dengan ini saya menyatakan bahwa skripsi yang berjudul “Development of a Digital Storybook on SDG-15 to Facilitate Reading Behavioural Engagement of Sixth grade students at SD LAB Undiksha” beserta seluruh isinya merupakan karya saya sendiri, dan saya tidak melakukan penjiplakan dan mengutip dengan cara-cara yang tidak sesuai dengan kaidah dan etika yang berlaku dalam karya ilmiah. Atas pernyataan ini, saya siap menanggung risiko yang dijatuhkan pada saya apabila di kemudian hari ditemukan adanya pelanggaran atas etika keilmuan dalam skripsi saya.

Singaraja, 15 Juli 2020

Yang membuat pernyataan



Komang Devi Daamayanti

NIM 2212021072

ACKNOWLEDGMENTS

First and foremost, the writer would like to express her deepest gratitude to God Almighty for the blessings, guidance, and grace, which have enabled the writer to complete this thesis entitled “Development of Digital Storybook on SDG-15 to Facilitate Reading Behavioural Engagement of Sixth grade students at SD LAB Undiksha”.

This thesis was prepared as one of the requirements for obtaining a Bachelor’s Degree in English Language Education at Universitas Pendidikan Ganesha. Throughout the process of completing this thesis, the writer received invaluable support, guidance, assistance, and encouragement from many individuals and institutions. Therefore, the writer would like to express her sincere appreciation and gratitude to:

1. Drs. I Gede Nurjaya, M.Pd., Dean of the Faculty of Languages and Arts, Universitas Pendidikan Ganesha, for the academic facilities and support provided throughout the writer’s study
2. Dr. Ni Putu Era Marsakawati, S.Pd., M.Pd., Head of the Departement of Foreign Languages, Faculty of Languages and Arts, Universitas Pendidikan Ganesha, for the guidance and support throughout the writer’s academic journey.
3. Prof. Dr. I G A Lokita Purnamika Utami, S.Pd., M.Pd., Coordinator of the English Language Education Study Program, Department of Foreign Languages, Faculty of Languages and Arts, Universitas Pendidikan Ganesha, for the assistance and support provided during the writer’s study.

4. Dr. Ni Wayan Surya Mahayanti, S.Pd., M.Pd., the writer first supervisor, for her patience, dedication, constructive feedback, and continuous guidance throughout the completion of this thesis.
5. Ni Luh Putu Era Adnyayanti, S.Pd., M.Pd., the writer's second supervisor, for her valuable suggestions, encouragement, and support, which greatly contributed to the completion of this thesis.
6. Prof. Dr. Ni Made Ratminingsih, M.A., the writer's first examiner, for her valuable feedback, insightful suggestions, and constructive comments during the thesis examination process.
7. I Putu Indra Kusuma, S.Pd., M.Pd. Ph.D., the writer's second examiner. For his valuable feedback, guidance, patience, patience, which greatly contributed to the complementation of this thesis.
8. All lecturers of the English Language Education Study Program and the administrative staff of Faculty of Languages and Arts, Universitas Pendidikan Ganesha, for their guidance, knowledge, assistance, and support throughout the writer's academic journey.
9. The Headmaster, the English teacher, and sixth-grade students of SD Lab Undiksha Singaraja for the permission, cooperation, participation, and contribution during the research process.
10. Mrs. Iluh Suriati and Mr. Gede Wiada, the writer's beloved parents, as well as the entire Bunder Fam family, for their endless prayers, unwavering support, encouragement, sacrifices, and trust throughout the writer's educational journey. Their support has been a source of strength and motivation in completing this study.
11. The writer's friends in Payungan Astungkara Rahayu (Andre, Yunda, Dian,

Depik, Teddy, and Lanang) and the Calvary Family, for their friendship, support, encouragement, and memorable experiences throughout the writer's years of study.

12. Gede, for his support, encouragement, valuable suggestions, and understanding throughout the process of completing this thesis. The writer is sincerely grateful for the motivation he provided, which helped her persevere and successfully complete this study.

13. Finally, I would like to express my deepest gratitude to myself. Thank you for choosing to keep going, even when the journey felt exhausting and curtain. Thank you for embracing every revision, challenge, and every lesson along the way. This thesis is not only the result of hard work, but also of perseverance, growth, and the courage to keep learning. I am proud of how far I have come.

Finally, the writer realizes that this thesis is not without limitations. Therefore, constructive criticism and suggestions are highly appreciated for the improvement of this thesis. The writer sincerely hopes that this thesis will provide benefits for readers, educators, and future researchers in the field of English language education.

Singaraja, 16 Juni 2026

Komang Devi Damayanti

TABLE OF CONTENTS

ACKNOWLEDGMENTS	x
ABSTRACT.....	xiii
ABSTRAK.....	xiv
TABLE OF CONTENTS	xv
LIST OF FIGURES	xvii
LIST OF TABLES	xix
LIST OF APPENDICES.....	xx
CHAPTER I.....	1
INTRODUCTION	1
1.1 Research Background	1
1.2 Problem Identification	6
1.3 Scope of the Study	7
1.4 Research Question	7
1.5 Research Objective	8
1.6 Specification of the Product	8
1.7 Research Significance	9
1.8 Definition of Key Terms	10
CHAPTER II.....	12
LITERATURE REVIEW	12
2.1 Theoretical Review	12
2.1.1 Reading skills for young Learners	12
2.1.2 Reading skills for young Learners	16
2.1.3 Digital Storybook.....	24
2.1.4 Sustainable Development Goals (SDGs)	31
2.2 Empirical Review.....	34

2.3	Conceptual Framework	38
CHAPTER III		40
RESEARCH METHOD.....		40
3.1.	Research Design and Development	40
3.2.	Research Setting.....	42
3.3	Research Subject and Object of the Study	42
3.4	Method and Instrument of Data Collection	43
3.5	Method of Data Analysis	61
CHAPTER IV		64
FINDING AND DISCUSSION		64
4.1	Findings.....	64
4.1.1	The Needs of Teacher and Students for an SDG-Integrated Digital Storybook as a Reading Material to Facilitate Reading Behavioural Engagement.....	65
4.1.2	The Design and Development of SDG-15 Digital Storybook	82
4.1.3	The Quality of the Development SDG-15 Digital Storybook	114
4.1.4	Evaluation Stage Results.....	123
4.2	Discussion.....	128
4.3	Research Implication	136
CHAPTER V.....		138
CONCLUSION AND SUGGESTION		138
5.1	Summary	138
5.2	Conclusion	138
5.3	Suggestions	140
REFERENCES		142
APPENDICES		148

LIST OF FIGURES

Figure 1. Conceptual Framework	38
Figure 2. Research Design Framework.....	40
Figure 3. Teaching Materials Used in The Classroom	79
Figure 4. Classroom Condition during the Learning Process	80
Figure 5. Students Condition	80
Figure 6. Interview Teacher	81
Figure 7. Storyline Before Revision	87
Figure 8. Storyline Revision 1 Result.....	88
Figure 9. Revision Result 2.....	89
Figure 10. Final Storyline Design.....	94
Figure 11. Ibis Paint X.....	96
Figure 12. Canvas and Layer Preparation.....	97
Figure 13. Importing Reference Images	97
Figure 14. Sketching and line art the Character.....	98
Figure 15. Coloring the Character in Ibis Paint	99
Figure 16. Adding narrative text.....	100
Figure 17. Adding Dialogue bubbles.....	101
Figure 18. New Project Workspace	102
Figure 19. Cover page.....	103
Figure 20. Text Box	104
Figure 21. Insert Button	104
Figure 22. Button Format Menu	105
Figure 23. Button Trigger Setting.....	105
Figure 24. Main menus insert illustration	106
Figure 25. Profile text Layout.....	107
Figure 26. Section page pop-up words	108
Figure 27. Dialogue Bubble Translation.....	108
Figure 28. Word selection.....	109
Figure 29. Insert Menu Illustration	110
Figure 30. Netlify Dashboard	111
Figure 31. Add New Project	111
Figure 32. Drag and Drop Upload	112

Figure 33. Uploading Project File.....	112
Figure 34. Deployment Result Page	113
Figure 35. Change Project Name	113
Figure 36. Final Product	121
Figure 37. Student Active during Implementation season.....	125
Figure 38. Students Lined up to try the Features in the Digital Storybook	125



LIST OF TABLES

Table 1. Blueprint Observations of Student Behavioural Engagement	44
Table 2. Blueprint Teacher Interview	46
Table 3. Blueprint Quality Good Digital Storybook.....	49
Table 4. Blueprint Learning Objective SDG-15 Life on Land	51
Table 5. Blueprint Reading Behavioural Engagement.....	52
Table 6. The Gregory content validity rating form	55
Table 7. The Gregory Cross Tabulation.....	55
Table 8. The Gregory test validity criteria	56
Table 9. Content validity result of observation sheet	57
Table 10. Content validity result interview guide	57
Table 11. Content validity result criteria of digital storybook.....	58
Table 12. Content validity result of reading behavioral engagement.....	59
Table 13. Content validity result of SDG-15 learning objectives	60
Table 14. Categories in Rating the Media.....	62
Table 15. Considered Revision.....	66
Table 16. Considered Revision.....	90
Table 17. Expert Evaluation Scores.....	116
Table 18. Qualification Interval.....	117
Table 19. Expert Evaluation Scores on SDG-15 Learning Objectives.....	119
Table 20. Qualification Interval.....	120

LIST OF APPENDICES

Appendix 1. Research Permission Letter	149
Appendix 2. Observation Sheet	150
Appendix 3. Result of Observation Sheet.....	151
Appendix 4. Teacher Interview.....	152
Appendix 5. Result Teacher Interview	154
Appendix 6. Instrument Quality Criteria Good Digital Storybook.....	155
Appendix 7. Result Instrument Quality Digital Storybook Expert 1	156
Appendix 8. Result Instrument Quality Digital Storybook Expert 2	158
Appendix 9. Instrument Learning Objective SDG-15	160
Appendix 10. Result Expert 1 Learning Objective SDG-15.....	160
Appendix 11. Result Expert 2 Learning Objective SDG-15.....	161
Appendix 12. Instrument Evaluation Reading Behavioural Engagement	162
Appendix 13. Result Reading Behavioural Engagement.....	163
Appendix 14. Observation Class.....	164
Appendix 15. Documentation Evaluation Result Digital Storybook.....	166
Appendix 16. Syllabus Class VI	168

