

**DEVELOPING WEB-BASED DIGITAL MEDIA FOR LEARNING
ENGLISH IN JUNIOR HIGH SCHOOL**

A THESIS

**Submitted to English Language Teaching Department Faculty of Tarbiyah
and Teacher Training Cyber Islamic University Syekh Nurjati Cirebon in
Partial Fulfillment of the Requirements for Undergraduate Degree**



MAFTUH MUSYADAD SYIRODJ ARRUSY

Reg. Numb: 1808103086

**ENGLISH LANGUAGE TEACHING DEPARTMENT FACULTY OF
TARBIYAH AND TEACHER TRAINING CYBER ISLAMIC
UNIVERSITY SYEKH NURJATI CIREBON**

2025

SUB COVER
DEVELOPING WEB-BASED DIGITAL MEDIA FOR LEARNING
ENGLISH IN JUNIOR HIGH SCHOOL

A THESIS

Submitted to English Language Teaching Department Faculty of Tarbiyah and
Teacher Training Cyber Islamic University Syekh Nurjati Cirebon in Partial
Fulfillment of the Requirements for Undergraduate Degree

MAFTUH MUSYADAD SYIRODJ ARRUSY

Reg. Numb: 1808103086

UINSSC
UNIVERSITAS ISLAM NEGERI SIBER
SYEKH NURJATI CIREBON

ENGLISH LANGUAGE TEACHING DEPARTMENT FACULTY OF
TARBIYAH AND TEACHER TRAINING CYBER ISLAMIC
UNIVERSITY SYEKH NURJATI CIREBON

2025

ABSTRACT

Maftuh Musyadad Syirodj Arrusy

1808103086. Developing web-based digital media for learning english in junior high school

This study aims to develop a website as an online learning media for ninth-grade junior high school students in response to the growing need for technology integration in education. In the 21st-century learning context, students are expected to be more active, independent, and proficient in using digital resources, yet many teachers still rely on conventional methods with limited use of technology. To address this gap, the study employs a Research and Development (R&D) method using the ADDIE model, in this research which only consists of : Analysis, Design, Development. Data were collected through interviews with English teachers and ninth-grade students to identify learning needs and guide the development process. The outcome of this research is a prototype online learning website that includes instructional materials, exercises, and interactive features designed to enhance student engagement and understanding. This website is expected to support a more innovative and effective learning experience aligned with modern educational demands.

Keyword: Learning Media, web-based, Google site, Junior High School, R&D, ADDIE

APPROVAL

**DEVELOPING WEB-BASED DIGITAL MEDIA FOR LEARNING
ENGLISH IN JUNIOR HIGH SCHOOL**

Submitted by

MAFTUH MUSYADAD SYIRODJ ARRUSY

Reg. Number 1808103086

Submitted to English Language Teaching Department Faculty of Tarbiyah and
Teacher Training Cyber Islamic University Syekh Nurjati Cirebon in Partial
Fulfillment of the Requirements for Undergraduate Degree

Approved by

The First Supervisor,



Hendi Hidayat M. Pd.

NIP. 19860113 201503 1 002

The Second Supervisor,



H. Farouk Imam Arrasyid, M.Pd. I, M. Pd.

NIP. 19830420 200901 1 009

OFFICIAL NOTE

The Head of English Language Teaching Department
Tarbiyah and Teacher Training Faculty of
UIN Cyber Syekh Nurjati Cirebon
In Cirebon

Assalamu'alaikum warahmatullahi wabarakatuh

After guiding, assessing, delivering briefings, and making necessary revisions to the written work of Maftuh Musyadad Syirodj Arrusy, whose registration number is 1808103086, and whose thesis is titled **DEVELOPING WEB-BASED DIGITAL MEDIA FOR LEARNING ENGLISH IN JUNIOR HIGH SCHOOL**, we firmly believe that her thesis should be recommended for presentation to the English Language Teaching Department Faculty of Tarbiyah and Teacher Training Cyber Islamic University Syekh Nurjati Cirebon. We hold the view that this step should be taken.

Wassalamu'alaikum warahmatullahi wabarakatuh.

The First Supervisor,

The Second Supervisor,



Hendi Hidayat M. Pd.
NIP. 19860113 201503 1 002

UINSSC
UNIVERSITAS ISLAM NEGERI SIBER
SYEKH NURJATI CIREBON



H. Farouk Imam Arrasyid, M.Pd. I, M. Pd.
NIP. 19830420 200901 1 009

LETTER OF AUTHENTICITY

Bismillahirrahmanirrahim

I have become aware that the title of my thesis, **DEVELOPING WEB-BASED DIGITAL MEDIA FOR LEARNING ENGLISH IN JUNIOR HIGH SCHOOL** is essentially my own composition incorporating quotes from different sources. It was created using an acceptable scientific process. In all honesty, I must admit that this letter of authenticity has been prepared truthfully. However, if it is determined that this violates ethical standards in scientific writing, I willingly accept complete responsibility for any possible future consequences that may arise as a result.

Cirebon, 16 June 2025

The Writer



Maftuh Musyadad Syirodj Arrusy




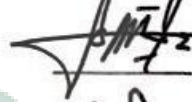

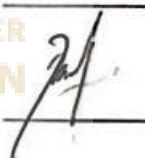
Reg.Number. 1808103086

UINSSC

UNIVERSITAS ISLAM NEGERI SIBER
SYEKH NURJATI CIREBON

RATIFICATION

The thesis is entitled **DEVELOPING WEB-BASED DIGITAL MEDIA FOR LEARNING ENGLISH IN JUNIOR HIGH SCHOOL**, written by Maftuh Musyadad Syirodj Arrusy, with the registered number 1808103086, has been examined on 16th, May 2025 It has been accepted by the examiners as one of the requirements for the Undergraduate Degree in English Language Teaching Department Faculty of Tarbiyah and Teacher Training Cyber Islamic University Syekh Nurjati Cirebon.

	Date	Signature
The Head of English Language Teaching Department Dra. Hj. Amroh Umaemah, M.Pd. NIP. 19661214 199303 2 003	03 / 2025 / 05	
The Secretary of English Language Teaching Department Hendi Hidayat, M.Pd. NIP. 19860113 201503 1 002	22 / 2025 / 05	
Examiner I Wakhid Nashruddin. Ph.D NIP. 19810308 201101 1 003	22 / 2025 / 05	
Examiner II Dr. Nana Priajana, M. Pd NIP. 19820407 201503 1 002	22 / 2025 / 05	
Supervisor I Hendi Hidayat, M.Pd. NIP. 19860113 201503 1 002	22 / 2025 / 05	
Supervisor II H. Farouk Imam Arrasyid, M.Pd. I, M. Pd. NIP. 19830420 200901 1 009	26 / 2025 / 05	

Acknowledged by
 Acting Dean of *Tarbiyah* and Teacher Training Faculty,
 Cyber Islamic University Syekh Nurjati Cirebon.



Dr. Ayus Ahmad Yusuf S.E., M.Si.
 NIP. 19710801 200003 1 002

AUTOBIOGRAPHY

I. Personal Details

Writer's name : Maftuh Musyadad Syirodj Arrusy
Address : Tegaltaman, kec. Sukra Kab. Indramayu
Email : mmusyadad45@gmail.com

II. Education Details

1. 2006-2012 : SDN 1 Tegaltaman
2. 2012-2015 : SMPN 1 Sukra
3. 2015-2018 : MAN 2 Majalengka
4. 2018-2025 : UIN Cyber Syekh Nurjati Cirebon
(English Education)

III. Organization Details

1. 2019-2021 : English Department Students Association (EDSA)

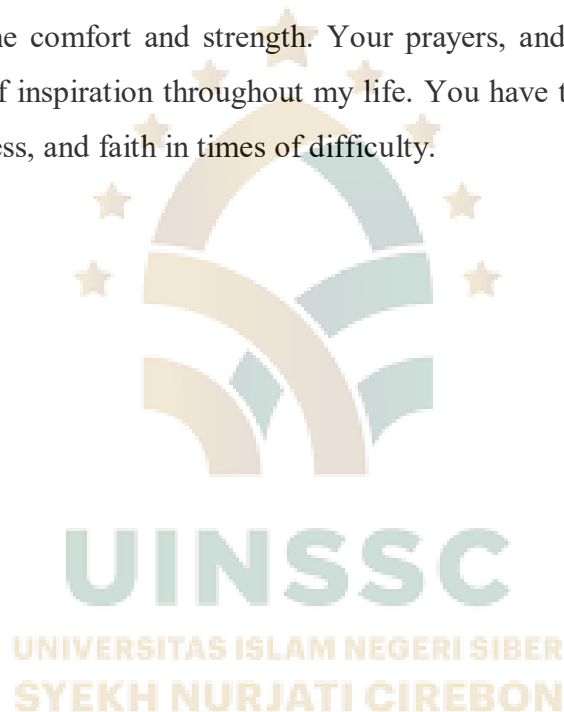


DEDICATION

This thesis is dedicated to two of the most extraordinary women in my life:

To my mother, thank you for your unconditional love, strength, and unwavering support. You have been my guiding light, constantly reminding me of the importance of perseverance, humility, and integrity. Your sacrifices and endless encouragement have shaped the person I am today. I am deeply grateful for every moment you stood by me, even when the path was uncertain.

To my grandmother, whose wisdom, warmth, and gentle presence have always given me comfort and strength. Your prayers, and quiet resilience have been a source of inspiration throughout my life. You have taught me the value of patience, kindness, and faith in times of difficulty.



MOTTO

“Just Live for Today”



ACKNOWLEDGEMENT

In the name of Allah, the Most Merciful and Most Compassionate, I acknowledge that all blessings, strength, and assistance required for the completion of my thesis, titled **DEVELOPING WEB-BASED DIGITAL MEDIA FOR LEARNING ENGLISH IN JUNIOR HIGH SCHOOL**, are bestowed upon me by Allah, the Lord of the All-Mighty. All praise is due to Allah. I extend my gratitude to my thesis supervisors, Hendi Hidayat M.Pd. And H. Farouk Imam Arrasyid, M.Pd. I, M. Pd., for their dedication and support. Throughout this research journey, they have guided me in the right direction, provided corrections, suggestions, and unwavering support. I would also like to express my deepest appreciation to my beloved family, who have consistently stood by my side during challenging times. Their constant assistance and support have been instrumental throughout my life. Without their help, it is likely that this thesis would have never been completed.



PREFACE

With the grace and guidance of Allah, the gracious and merciful God, all praises and thanks belong to Allah, the Lord of the universe. the researcher has successfully completed this research within the designated timeframe. In the name of Allah, the Most Gracious and Most Merciful, the researcher extends profound gratitude and appreciation to Him. It is through His countless blessings and unwavering support that the researcher has been granted the strength, knowledge, and perseverance to accomplish this study as planned.

The thesis entitled **DEVELOPING WEB-BASED DIGITAL MEDIA FOR LEARNING ENGLISH IN JUNIOR HIGH SCHOOL** and is being presented to the English Language Teaching Department of the Tarbiyah Teacher Training Faculty at Cyber Islamic University Syekh Nurjati Cirebon. This thesis serves as a crucial requirement for the completion of the undergraduate degree in the English Language Teaching Department.

The researcher acknowledges that this thesis and research are far from being flawless. Consequently, the researcher assumes full responsibility for any potential mistakes or inaccuracies that may be present in this thesis. Furthermore, the researcher welcomes and appreciates any suggestions or ideas that can contribute to its improvement. In conclusion, the researcher earnestly hopes that the English Language Teaching Department, teachers, students, future scholars, and all readers in general can derive value and benefit from this thesis.

Cirebon, 16 June 2025

The Researcher

TABLE OF CONTENTS

CHAPTER I	1
INTRODUCTION	1
1.2 Identification of the issue/phenomenon	4
1.3 Limitation and focus of the research	5
1.4 Research questions	5
1.5 Aims of the research	5
1.6 Significances of the research	6
1.6.1 Theoretical	6
1.6.2 Practical	6
1.7 Theoretical Foundation	6
1.7.1. Learning Media	7
1.7.2 The Function of Learning Media	8
1.7.3 Classification of Learning Media	9
1.7.5 Characteristics of Web-Based Learning	11
1.7.6 Advantages of Web-Based Learning	12
1.7.8 Utilization of Google Sites	13
1.7.8 Advantages of Using Google Sites	14
1.7.9 Disadvantages of Using Google Sites Web	14
1.8 Previous Research	14
1.9 Frame of thought	16
1.10 Research Method	17
1.10.1 Research design and steps of the research	17
1.10.1.1 Analysis	18
1.10.1.2 Design	18
1.10.1.3 Development	18
1.10.2 Source and type of data	19
1.10.3 Data collection techniques and instruments	19
1.10.4 Data analysis techniques	20
1.11 Research timeline	21
CHAPTER II	23

CHARACTERISTICS OF WEB-BASED LEARNING MEDIA NEEDED BY STUDENTS.....	23
2.1 Finding	23
2.1.1 Website	24
2.1.3 Characteristics of website as learning media	27
2.1.4 Google Site	29
2.2 Discussion.....	32
CHAPTER III CHARACTERISTICS OF WEBSITE AS A LEARNING MEDIA NEEDED BY STUDENTS.....	49
3.1 Findings	49
3.2 Discussion.....	64
CHAPTER IV HOW TO DEVELOPING WEB-BASED DIGITAL FOR ENGLISH LEARNING	66
4.1 Finding & discussions	66
CHAPTER V	86
CONCLUSION AND SUGGESTION	86
5.1 Conclusion.....	86
5.2 Suggestion	88
REFERENCES	90
APPENDIX	

