

**A COMPREHENSIVE ANALYSIS OF AI-DRIVEN WEBSITES
FOR GRAMMAR CORRECTION**

THESIS

**By
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**ANTASARI STATE ISLAMIC UNIVERSITY
BANJARMASIN
2024 AD/1445 AH**

**A COMPREHENSIVE ANALYSIS OF AI-DRIVEN WEBSITES
FOR GRAMMAR CORRECTION**

Undergraduate Thesis

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In partial fulfillment of the requirements for the degree of
Sarjana Pendidikan

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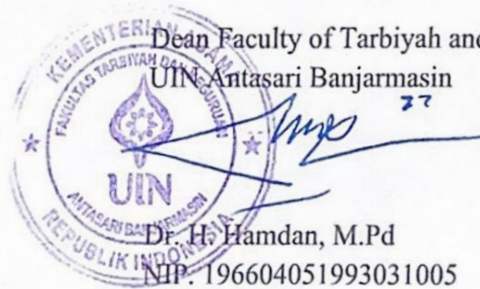
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ABSTRACT

Muhammad Nabil El Wafa. 200101030497. A Comprehensive Analysis of AI-Driven Websites for Grammar Correction. Thesis. English Education Department, Faculty of Tarbiyah and Teacher Training, Antasari State Islamic University. Advisors: Hidayah Nor, M. Pd

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Under the heading "A Comprehensive Analysis of AI-Driven Websites for Grammar Correction," this paper seeks to investigate, in real-time feedback and grammatical error correction, the efficacy and pedagogical ramifications of AI-powered websites in raising language competency. The main goal is to measure how precisely these websites change sentence structure and meaning, thereby improving written communication. Using qualitative content analysis, the study meticulously gathers and examines data on the effectiveness of grammar correction websites driven by artificial intelligence, websites used as object for this research are ChatGPT, Grammarly, Quillbot, and ProWritingAid. The study aims to find out how closely these websites can do correction in English grammar; findings imply that these artificial intelligence technologies are quite helpful and resourceful for creating more coherence and clear written materials with many of their features, Grammarly is effective for omission error, ChatGPT for Addition Error, Quillbot for Misformation Error, ProWritingAid for Misordering Error. The insight gained from this study aims to give insightful direction on how best to maximise AI-driven websites for grammatical errors and the benefits from using AI-driven websites for grammatical correction.

ABSTRAK

Muhammad Nabil El Wafa. 200101030497. *A Comprehensive Analysis of AI-Driven Websites for Grammar Correction*. Skripsi. Jurusan Tadris Bahasa Inggris., Fakultas Tarbiyah dan Keguruan, UIN Antasari Banjarmasin. Dosen Pembimbing: Hidayah Nor, M. Pd.

Kata kunci: Kecerdasan Buatan, Grammar

Dengan judul "Analisis Komprehensif Situs Web Berbasis AI untuk Koreksi Tata Bahasa", makalah ini berupaya menyelidiki, melalui umpan balik real-time dan koreksi kesalahan tata bahasa, kemanjuran dan dampak pedagogis situs web yang didukung AI dalam meningkatkan kompetensi bahasa. Tujuan utamanya adalah untuk mengukur seberapa tepat situs web ini mengubah struktur dan makna kalimat, sehingga meningkatkan komunikasi tertulis. Dengan menggunakan analisis konten kualitatif, penelitian ini dengan cermat mengumpulkan dan menguji data tentang efektivitas situs web koreksi tata bahasa yang didorong oleh kecerdasan buatan, situs web yang digunakan sebagai objek penelitian ini adalah ChatGPT, Grammarly, Quillbot, dan ProWritingAid. Penelitian ini bertujuan untuk mengetahui seberapa dekat situs-situs tersebut dapat melakukan koreksi tata bahasa Inggris; temuan menyiratkan bahwa teknologi kecerdasan buatan ini cukup membantu dan banyak akal untuk menciptakan materi tertulis yang lebih koherensi dan jelas dengan banyak fitur, Grammarly efektif untuk kesalahan kelalaian, ChatGPT untuk Kesalahan Penambahan, Quillbot untuk Kesalahan Misformasi, ProWritingAid untuk Kesalahan Pengurutan. Wawasan yang diperoleh dari penelitian ini bertujuan untuk memberikan arahan mendalam tentang cara terbaik memaksimalkan situs web berbasis AI untuk mengatasi kesalahan tata bahasa dan manfaat menggunakan situs web berbasis AI untuk koreksi tata bahasa.

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LIST OF CONTENT

	Page
COVER PAGE	
TITLE PAGE	i
STATEMENT OF AUTHENTICITY	ii
PLAGIARISM CERTIFICATE	iii
APPROVAL	iv
VALIDATION	v
ABSTRACT	vi
ABSTRAK	vii
ACKNOWLEDGEMENT	viii
LIST OF CONTENT	xi
LIST OF FIGURES	xiii
LIST OF APPENDICES	xiv
CHAPTER I INTRODUCTION	1
A. Background of Study	1
B. Definition of Key Terms	4
1. AI-Driven Websites	4
2. Grammar	4
3. AI for Grammar Correction	5
C. Research Questions	5
D. Objective of Study	6
E. Significance of Study	6
CHAPTER II THEORETICAL REVIEW	8
A. Definition of Artificial Intelligence.....	8
B. Definition of Grammar	10
C. Using AI in Grammar Correction.....	18
D. Surface Strategy Taxonomy	19
1. Omission.....	19
2. Addition	20
3. Misformation	20

4. Misordering	21
E. Previous Study.....	22
CHAPTER III RESEARCH METHOD	24
A. Research Design	24
B. Object	25
C. Data	25
D. Technique of Data Collection	26
E. Data Analysis	26
CHAPTER IV FINDINGS AND DISCUSSION.....	29
A. Findings.....	29
B. Discussion	47
CHAPTER V CLOSURE.....	52
A. Conclusion.....	52
B. Suggestion	52
REFERENCES.....	54
APPENDICES	58
CURRICULUM VITAE.....	67

LIST OF FIGURES

Figure 4.1 Home Page of Grammarly on Computer	29
Figure 4.2 Main Layout of Grammarly on Computer	30
Figure 4.3 Features from Grammarly when Starting a New Task	31
Figure 4.4 Example Paragraph Containing Addition Errors	32
Figure 4.5 Errors Report made by Grammarly	32
Figure 4.6 Revised Paragraph Out of The Report	33
Figure 4.7 Home Page of ChatGPT on Computer	34
Figure 4.8 Main Layout with Example Paragraph Containing Addition Errors	34
Figure 4.9 Zoomed-In of the Paragraph and the Prompt for Errors Revision.....	35
Figure 4.10 Result from ChatGPT after Inputting the Request	36
Figure 4.11 Home Page of Quillbot on Computer	37
Figure 4.12 Main Layout of Quillbot on Computer	38
Figure 4.13 Example of a Paragraph Containing Misformation Errors	38
Figure 4.14 Errors Report Made by Quillbot	39
Figure 4.15 Paragraph After Being Revised by Quillbot.....	39
Figure 4.16 Errors Report After the Paragraph Being Revised	40
Figure 4.17 Home Page of ProWritingAid on Computer	41
Figure 4.18 Main Layout of ProWritingAid	41
Figure 4.19 Example of a Paragraph Containing Misordering Errors	43
Figure 4.20 Grammar Check Report from Figure 4.5 Paragraph	43

LIST OF APPENDICES

Translation of Al-Qur'an verse	55
The Letters	56
Thesis Consultation Notes	61