

**INVESTIGATING THE USE OF GRAMMARLY IN STUDENTS' ESSAY
WRITING**

THESIS

This Thesis is submitted to fulfil the requirements for the “Sarjana” degree in
English Language Education



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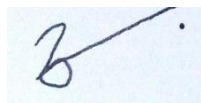
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Setelah mengadakan pemeriksaan dan juga perbaikan yang penting, maka kami berpendapat bahwa skripsi atas nama **Dwi Oktaviani (21551013)** sebagai mahasiswa dari program studi Tadris Bahasa Inggris, dengan judul **“Investigating the use of Grammarly on students’ essay writing”** sudah dapat diajukan dalam Sidang Munaqasah di Institut Agama Islam Negeri (IAIN) Curup.

Demikian permohonan ini kami ajukan, besar harapan kami agar bapak dapat menyetujui hal ini. Terima kasih.

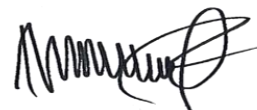
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PREFACE

All praise is due to Allah SWT, for by His mercy and grace, the researcher has been able to complete this thesis entitled **“Investigating the Use of Grammarly in students’ essay writing”**

This thesis is submitted in partial fulfillment of the requirements for the Bachelor's Degree (S1) in the English Education Department at the State Islamic Institute (IAIN) Curup.

The researcher acknowledges that this thesis is far from perfect; therefore, constructive feedback and suggestions for improvement are sincerely welcomed. Lastly, the researcher hopes that this thesis will provide meaningful insight for those interested in the field of grammar, especially its use in essay writing accuracy.

Curup, August 2025



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Bismillahirrahmanirrahim

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This thesis, titled **“Investigating the Use of Grammarly in Students' Essay Writing,”** is submitted as one of the requirements for obtaining a Bachelor's degree in the English Language Education Program at IAIN Curup. The completion of this research would not have been possible without the extraordinary support, encouragement, guidance, and assistance from various parties. With sincere and heartfelt gratitude, the researcher would like to express the highest appreciation to:

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Lastly, I pray that Allah SWT grants endless blessings in return for all the kindness, guidance, and support along this journey.

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MOTTO AND DEDICATION

MOTTO

“So verily, with hardship, there is ease.

Indeed, with hardship, there is ease.”

(Q.S Al-Insyirah: 5-6)

“No metter who you are, where you from, your skin color, your gender
identity, just speak yourself, find your name, and find your voice by
speaking yourself.”

(Kim Namjoon)

"It will pass, everything you've gone through it will pass."

(Rachel venya)

“God has perfect timing, never early, never late. It takes a little patience and it
takes a lot of faith, but it's a worth the wait.”

DEDICATION

This thesis is dedicated to myself, my loving parents, and my dear friends. Your
love, sacrifices, and endless encouragement have been the foundation of my
strength. This achievement is a reflection of all your support. I am deeply
thankful, and I love you all.

ABSTRACT

Dwi Oktaviani : Investigating The Use of Grammarly in Students' Essay Writing
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This study investigates the use of Grammarly in students' essay writing among fourth-semester students at IAIN Curup. Utilizing a qualitative descriptive research design, data were collected through document analysis of student essays and interviews. The findings indicate that Grammarly significantly enhances various aspects of writing, including grammar, spelling, punctuation, consistency, and clarity. Students reported increased confidence in their writing abilities, attributing this improvement to Grammarly's immediate feedback and error detection features. Additionally, the study highlights that while Grammarly assists in correcting technical errors, it also fosters a deeper understanding of writing principles among students. However, limitations regarding the tool's handling of homophones and active/passive voice were noted. The results suggest that integrating Grammarly into academic settings can positively influence students' writing skills, promoting a more effective learning environment. This research contributes to the ongoing discourse on technology in education, advocating for the incorporation of digital tools in writing instruction to enhance student outcomes.

Keywords: *Grammarly, essay writing, writing accuracy, qualitative research, language education.*

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- Appendix 10 : Biography

CHAPTER I

INTRODUCTION

Chapter I contains the introduction of this research, or it can also be referred to as the background of the research. There are also several sections in this chapter, such as the research problem, research significance, problem limitation, and definition of key terms and other things related to it. Details of each of the previously mentioned points will be further explained below.

A. Background of The Research

An essay is a structured form of writing that presents an argument or analysis on a specific topic. an essay is defined as a coherent piece of writing that articulates a central idea, supported by evidence and analysis. They emphasize that essays are not just a collection of thoughts, but rather a refined argument that synthesizes information from various sources to present a clear viewpoint. This definition underscores the importance of organization and clarity in academic writing, which is essential for effective communication in scholarly contexts.

Writing is a language skill that can be enhanced through technology. writing allows students to express their thoughts, ideas, and experiences to an audience through methods beyond just text. This may result from a lack of self-assurance in their writing abilities, such as issues related to grammar or vocabulary.¹ To tackle this challenge, many learners turn to online grammar checkers for writing assistance. These tools help pinpoint errors in

¹ Nurfiryalianti et al (2014).

students' writing and offer essential feedback. Grammar checking is vital in both writing and language acquisition processes.

In the current digital era, technology is crucial in fostering language acquisition. For instance, applications like Grammarly have gained popularity among university students. Grammarly is a tool designed to assist users in enhancing their grammar, spelling, and writing style. By leveraging this technology, students can elevate their writing's quality instantaneously, which aids them in grasping language rules and sentence composition.

Grammarly automatically identifies mistakes in grammar, vocabulary, punctuation, spelling, and even checks for plagiarism. This tool is not only beneficial for students looking to refine their writing abilities but is also utilized by researchers to ensure the authenticity and integrity of their academic work.

Grammarly serves as a writing aid that assists users in spotting and rectifying errors related to grammar, spelling, and style. By offering immediate feedback, it enables students to learn from their errors and progressively enhance their writing capabilities.²

Tools like Grammarly empower students to learn on their own. They can access these resources outside the classroom for writing practice, thus facilitating more adaptable and individualized learning experiences.³ This flexibility is crucial in today's educational landscape, which prioritizes student-centered approaches.

² Kellogg, R. T. (2020). *Training Writing Skills: A Cognitive Developmental Perspective*. Educational Psychologist.

³ Harris, K. R., Graham, S., & Mason, L. H. (2019). *The Importance of Writing in The Classroom*. Journal of Educational Psychology.

The phenomenon explored in this study is that many students, particularly those in essay writing classes, still struggle to write essays well, correctly, and accurately. In today's digital age, the use of artificial intelligence-based writing tools, such as Grammarly, is gaining popularity among students. Many are turning to this technology to improve the accuracy and quality of their writing, particularly in the context of English language education. This phenomenon indicates a significant shift in the way students learn to write, with them now relying more heavily on technology to correct grammatical, layout, and stylistic errors.

The selection of fourth-semester Essay Writing students at IAIN Curup for this study was based on the consideration that they already have a fairly in-depth understanding of essay writing techniques and structure and have been using Grammarly for approximately six months. This allows them to provide valuable insights into the tool's impact on the accuracy of their writing. Furthermore, students at this level are expected to be better equipped to reflect on their learning experiences, thus providing more in-depth and relevant information regarding the use of technology in the writing learning process. While there are a number of studies examining Grammarly's impact on students' writing skills, there are still several gaps in the existing literature: Most previous studies are quantitative, focusing on writing score improvements or the number of corrected errors. The lack of an in-depth qualitative approach hinders understanding of students' experiences. Many studies fail to delve deeper into how students perceive using Grammarly in their learning contexts. This creates a need for a more

comprehensive understanding of students' subjective perceptions and experiences.

Recently, there has been a rise in students employing grammar assistance tools. These resources are seen as effective methods for honing writing skills, particularly in academic settings. Here are some key elements of this trend:

- a. Enhancing writing quality: A lot of students utilize Grammarly to fix mistakes related to grammar, spelling, and style. Studies indicate that using this tool boosts students' confidence in their writing, as it offers immediate feedback and aids in recognizing frequent errors.
- b. Convenience and accessibility: Grammarly can be easily accessed on various platforms, such as web applications and browser add-ons. This flexibility enables students to use it whenever and wherever they need, making it an effective tool for their educational journey.
- c. Drawbacks and obstacles: Despite its advantages, Grammarly also has some drawbacks. Certain students mention that the tool occasionally fails to identify errors in specific situations, like in the correct use of tenses. Additionally, premium features require a subscription fee, which could pose a challenge for some students.⁴

While many students are turning to writing aids like Grammarly, there is not much research that investigates how it influences writing precision and flow. Current studies primarily address grammar enhancement without looking at the broader

⁴ Students' Perception Towards The Use of Grammarly In English Writing Skill Of Fourth Semester English Education Department at UINSI Samarinda. Jurnal Sultan Idris Pendidikan Profesi Guru

effects of using Grammarly on the entire writing experience, such as the progression of ideas and organization of the text.⁵ Furthermore, the diverse educational experiences of students and varying learning environments have not been thoroughly studied, highlighting the necessity for more comprehensive research in this field. Previous studies examining the role of Grammarly in enhancing the precision and flow of student writing have primarily concentrated on numerical data, like improvements in writing scores or the count of mistakes corrected. In contrast, the research currently being conducted with a qualitative perspective delves into the participants' experiences, offering valuable insights into how students engage with this tool and its influence on their writing journey. For instance, a study by Smith indicated that students gained confidence after utilizing Grammarly,⁶ while investigations by Johnson and Lee showed that the feedback from Grammarly led to a better understanding of their mistakes.⁷ Therefore, the present qualitative approach offers a deeper comprehension of the intricacies of Grammarly usage within an educational setting, focusing not just on the outcomes but also on the process students experience.

⁵ Alharbi, M. (2021). *The effects of Grammarly on students' writing skills: A case study*. Arab World English Journal, 45-60.

⁶ Smith, J. (2019). *The Role of Writing Tools in Student Confidence*. Journal of Educational Technology.

⁷ Johnson, R. & Lee, T. (2020). *Feedback Mechanisms in Writing Assistance*. International Journal of Language Studies.

B. Research Questions

Related to the background of the problem above, the research question of this research is formulated as follows:

1. How does the accuracy of students' essay after they used Grammarly
2. What is students' opinion on the use of Grammarly in assisting the accuracy of their essay?

C. Objective of the Research

1. To analyze the effect of using Grammarly on the accuracy of students' essay writing.
2. To analyze students' opinions on the use of Grammarly in assisting the accuracy of their essays

D. Significance of the Research

1. For Academic

This study holds considerable value in the academic field by shedding light on how technology influences language education, especially regarding enhancing students' essay writing accuracy. By examining Grammarly's effects, this study can contribute significantly to the conversation about incorporating digital resources into the English curriculum. The findings are anticipated to provide a foundation for future studies and assist in creating more effective teaching strategies.

2. For Students

This study is highly relevant for students as it can clarify how Grammarly can enhance their writing abilities. Understanding its

beneficial effects may encourage students to incorporate this tool into their learning. Additionally, this research can offer practical advice on identifying and rectifying frequent mistakes, thereby increasing their writing confidence.

E. Delimitation of The Study

This study focuses on fourth-semester English language students at IAIN Curup, with an emphasis on the influence and opinions of students before and after using Grammarly to improve their essays writing accuracy. This study discusses the aspect of writing, which consists of five aspects: *1. Clarity, 2. Cohesion and Coherence, 3. Accuracy, 4. Organization, And 5. Length and Depth.* However, this research only focuses on the aspect of writing accuracy, which includes five aspects or indicators, namely *grammar, spelling, punctuation, consistency, and clarity.* It does not focus on the aspect of writing as a whole. In this study, the researcher used Dr. Jane Smith's theory, "The Importance of Accuracy in Academic Writing," which identifies several aspects of accuracy in essay writing, to answer research questions 1 and 2. This study used document analysis and interviews to collect data. The results of this study may have limitations in terms of generalization because they are limited to one educational institution and specific respondents.

F. Definition of Key Terms

1. Grammarly

Grammarly is a digital writing support tool aimed at assisting individuals in enhancing the caliber of their writing by checking for

grammatical errors, spelling mistakes, and stylistic choices. Through the use of artificial intelligence and sophisticated algorithms, Grammarly offers immediate feedback that enables users to fix mistakes as they occur.⁸ The application is accessible in various forms, like online applications and browser add-ons, allowing users to easily access it across different platforms.⁹ Beyond merely checking grammar, Grammarly provides recommendations for refining writing style and preventing plagiarism, making it an invaluable resource for both learners and professionals in diverse disciplines.¹⁰ As a result, Grammarly plays a crucial role in enhancing the educational journey and honing writing abilities in the modern digital landscape.¹¹

2. Essay Writing

Essay writing is an essential skill used in a variety of academic and professional contexts. The process of writing an essay involves grasping the subject matter, structuring thoughts, and articulating points in a clear, logical manner. Those engaged in essay writing need to perform research to bolster their claims with pertinent evidence and enhance their analytical and critical thinking

⁸Kellogg, R. T. (2020). *Training Writing Skills: A Cognitive Developmental Perspective*. Educational Psychologist.

⁹Harris, K. R., Graham, S., & Mason, L. H. (2019). *The Importance of Writing in The Classroom*. Journal of Educational Psychology

¹⁰Graham, S., & Perin, D. (2018). *Writing Next: Effective Strategies to Improve Writing of Adolescents in Middle and High Schools*. Educational Leadership.

¹¹Graham, S., & Perin, D. (2018). *Writing Next: Effective Strategies to Improve Writing of Adolescents in Middle and High Schools*. Educational Leadership.

capabilities. essay writing abilities play a significant role in advancing students' critical thinking and equipping them for workplace challenges. The essay writing process also involves effective writing techniques. Authors need to employ straightforward and accurate language while steering clear of spelling and grammar mistakes. Furthermore, utilizing diverse sentence structures and possessing a deep understanding can enhance the overall quality of the text. highlights that proficient writing is not solely reliant on grammatical skills, but also hinges on the capacity to think analytically and express ideas engagingly.¹²

3. Accuracy

Accuracy in writing pertains to how much the text is devoid of mistakes in grammar, spelling, and sentence construction. Accuracy is especially vital in written communication, as it can influence how well the reader comprehends the message being shared. Studies indicate that well-written content not only boosts the author's authority but also enhances the overall communication process. For instance, an article by Zhang and Wang in the Journal of Language and Linguistic Studies illustrates that precise writing aids the reader in interpreting and critiquing the text more effectively.¹³ Moreover, research conducted by Rahayu in the Journal of Indonesian Language and Literature Education highlighted the significance of

¹² Smith, J. (2021). Innovative approaches to essay writing in the digital age. *International Journal of Academic Writing*.

¹³ Zhang, Y., & Wang, L. (2021). *Writing Accuracy and Its Impact on Readers' Comprehension*. *Journal of Language and Linguistic Studies*.

accuracy in language instruction, revealing that students with strong writing skills generally achieve higher academic success.¹⁴

CHAPTER II

LITERATURE REVIEW

In this section, the researcher presents some explanations regarding the impact of grammarly's free features on students' writing essay accuracy. The details of each of the previously mentioned points will be further explained below.

A. REVIEW OF RELATED STUDY

a. Technology In Learning To Write

¹⁴ Rahayu, S. (2020). *Peran Akurasi Penulisan dalam Pembelajaran Bahasa*. Jurnal Pendidikan Bahasa dan Sastra Indonesia.

The advancement of technology has profoundly transformed the writing learning experience, making it easier for students to access information and collaborate with one another. Digital platforms like blogs and word processing applications not only enhance students' writing skills but also enrich the learning process through interactive features that facilitate immediate feedback. Research indicates that incorporating technology into writing education can boost students' motivation and significantly elevate the quality of their writing.¹⁵ Thus, teaching writing using technology is highly relevant in the modern educational context.

1. The Role of Technology in Education

Technology has been a crucial factor in the evolution of education globally. Recently, the implementation of digital technologies in classrooms has improved the accessibility of education, facilitating more interactive and personalized learning experiences. Utilizing online learning platforms has broadened the scope of education, permitting students in remote locations to receive quality education without any geographic limitations.¹⁶

Moreover, technology has also equipped teachers with tools to modify their teaching strategies. By utilizing educational apps and software, teachers can tailor teaching

¹⁵ Harris et al. (2019) ; Rahman & Meera. (2021)

¹⁶ Zhang, Y., et al. (2021). *The Impact of Online Learning on Education Quality: A Review of the Literature*. International Journal of Educational Technology, 45-60.

resources to fit students' needs and skills. Research indicates that incorporating technology in teaching not only boosts student motivation but also promotes active participation in the learning experience.¹⁷ Nevertheless, it is essential to recognize that not all students have equal access to technology. This issue is encountered by numerous countries, particularly in developing areas, where technological infrastructure remains insufficient. A UNESCO report highlights that this digital divide could exacerbate disparities in education if not adequately addressed.¹⁸

The significance of educational technology has grown increasingly in discussions about enhancing the quality of learning worldwide. Over the last five years, various studies have demonstrated that integrating technology into education not only enhances accessibility but also enriches students' learning experiences. For instance, employing online learning platforms and interactive tools has allowed students to learn in a more adaptable manner and in accordance with their personal learning preferences. This aligns with findings suggesting that interactive learning experiences can boost student

¹⁷ Alharbi, M. (2020). *The Role of Technology in Enhancing Student Engagement*. Journal of Educational Research, 225-240.

¹⁸ UNESCO. (2022). *Global Education Monitoring Report 2022: Technology and Education*. Retrieved from unesco.org.

motivation and participation One of the notable effects of educational technology is the improved accessibility for students in remote or underprivileged regions. With the internet, students have the ability to access educational materials that were once out of reach for them. Technology has opened up opportunities for students to take online courses and participate in discussions that broaden their horizons, even though they are far from formal educational institutions .This indicates that technology can function as a conduit to bridge the education gap.

b. Grammarly

a) Definition of grammarly

Grammarly is an artificial intelligence-based writing tool designed to help users improve the quality of their writing. Since its launch in 2009, the tool offers a range of features, including grammar, spelling, and writing style checks, which can be accessed through web apps, browser extensions, and desktop applications. By using natural language processing algorithms, Grammarly provides fast and accurate feedback, allowing users to correct errors in real time. This makes Grammarly one of the most popular tools among writers, students, and professionals around the world.

In recent times, studies have indicated that the utilization of writing aids like Grammarly can enhance users'

writing skills. A research project that college students who frequently employed Grammarly exhibited considerable advancements in grammar and spelling mistakes relative to those who did not utilize the application. This study highlights the significance of technology in education and how resources such as Grammarly can be incorporated into the curriculum to foster more efficient writing education.¹⁹

Grammarly additionally offers premium features that encompass plagiarism detection, vocabulary enhancement, and comprehensive evaluations of writing abilities. These functionalities are particularly beneficial for professional authors and scholars who aim to make sure that their work is both free of errors and original as well as captivating. indicates that these features assist college students in creating improved and more professional writing, which can subsequently boost their confidence in writing.²⁰ Furthermore, Grammarly can be incorporated with numerous applications and platforms, including Microsoft Word, Google Docs, and email, simplifying access for users to this tool anywhere.²¹

¹⁹ Zhang, Y., Wang, X., & Liu, T. (2021). *The Impact of Writing Assistance Tools on College Students' Writing Skills*. Journal of Educational Technology & Society, 45-58.

²⁰ Ambarwati, A. (2021). *Exploring the Use of Grammarly in Formative Feedback*. Journal of Educational Technology, 12-20.

²¹ Kesi Fitriana, & Laeli Nurzani. (2022). *Exploring English Department Students' Perception on Using Grammarly to Check the Grammar in their Writing*. Journal of English Teaching.

In an academic framework, Grammarly has demonstrated its effectiveness in enhancing students' writing capabilities. Reveals that consistent use of Grammarly can enhance students' writing skills, particularly regarding grammar and sentence construction. The findings of this research indicate that students utilizing Grammarly exhibit a reduced error frequency compared to those who do not utilize the tool, thereby enhancing the caliber of their academic writing.

Moreover, Grammarly functions as an educational resource that aids users in recognizing the errors they frequently commit. According to Rahman and Rahayu states that the tool not only offers corrections but also clarifies the rationale behind each recommendation provided. Therefore, users can learn from their errors and prevent repeating the same mistakes in the future. This aspect is crucial in an educational setting, where an in-depth comprehension of grammar and writing style is essential.²²

On the contrary, the application of Grammarly in an educational setting also warrants careful evaluation. Certain research indicates that excessive reliance on this tool may diminish students' capacity to write autonomously and impair critical thinking abilities. Thus, it is crucial for

²²Rahman, A., & Rahayu, S. (2021). *The Role of Writing Assistance Tools in Education: A Study on Grammarly*. International Journal of Education and Research, 9(3), 45-58

students to utilize Grammarly as a support in the writing process, while still preserving their individual writing abilities.

Overall, the implementation of Grammarly in educational contexts has demonstrated considerable promise in enhancing students' writing and language acquisition skills. Nevertheless, the use of this tool must be approached judiciously and in moderation, ensuring that students maintain their independent and analytical writing capabilities. Through the appropriate application of Grammarly, it is anticipated that students will attain improved academic achievement.

b) Grammarly versions

Grammarly provides two versions, free (standard) and premium, which are designed to meet the needs of various users.

1. Grammarly provides a complimentary edition that includes several essential tools to help individuals enhance their writing abilities. Even though this free edition has some restrictions in comparison to the premium option, it still offers valuable suggestions for spelling, grammar, and certain writing styles, which can be beneficial for students and beginner

writers.²³ Studies indicate that utilizing writing aids like Grammarly can boost users' confidence in their writing abilities, particularly for students acquiring a new language.²⁴ Nonetheless, while the free version is advantageous, it is crucial to understand that users might miss out on the detailed evaluations and additional features available in the subscription version. Therefore, the no-cost Grammarly can serve as a solid starting point for individuals aiming to enhance their writing skills.

Free Grammarly features related to the accuracy aspect of writing include:

- a) Grammar Check: This feature helps detect and provide suggestions for grammatical errors, so that students can write with the correct sentence structure.
- b) Spelling Check: Free Grammarly checks the spelling of words and provides correction suggestions for mistyped words, helping to improve accuracy in writing.
- c) Punctuation Check: This feature provides suggestions regarding the proper use of

²³ Miller, A. (2021). The Role of Free Writing Tools in Educational Settings. *Journal of Educational Technology*.

²⁴ Ramirez, L. (2022). Improving Writing Confidence Among Students Using Free Online Resources. *International Journal of Language Education*.

punctuation, helping students write more accurately.

d) Writing Style Suggestions: Although more limited in the free version, Grammarly still provides suggestions regarding writing style, such as the use of clearer and more precise sentences.

e) Word Choice Suggestions: This feature helps students choose more appropriate words for specific contexts, which can improve the accuracy of meaning in their essays.

f) Consistency Check: Ensures that the use of terms, writing style, and formatting remain consistent throughout the writing, supporting the overall accuracy of the essay.

2. Grammarly Premium is a platform powered by artificial intelligence that aims to assist individuals in enhancing their writing abilities. It provides features such as thorough grammar analysis, suggestions for writing style, and tools for detecting plagiarism, delivering a well-rounded resource for both learners and professionals. Studies indicate that individuals using Grammarly Premium see considerable enhancements in their writing quality across both

academic and work-related settings. A research revealed that 83% of users felt that the application boosted their confidence in writing.²⁵ Ibrahim found that in Indonesia, university students using Grammarly gained a better grasp of proper grammar and sentence construction.²⁶ These findings illustrate that Grammarly Premium functions not only as a tool but also as a valuable resource for learning. Studies reveal that users of the premium version typically notice substantial enhancements in their writing quality due to receiving more detailed feedback. In this study focus on version of grammarly standard(free).

c. Essay

a) Definition essay

An essay is a type of written expression that conveys the author's views on a subject in a coherent and organized way. Within an essay, the author shares not only information but also a thorough examination and reasoning. From a scholarly perspective, essays provide a way to enhance critical thinking and writing abilities. In educational settings,

²⁵ Smith, J. (2021). "The Impact of AI Writing Assistants on Student Writing Skills." *Journal of Educational Technology*, 15(3), 45-67.

²⁶ Ibrahim, A. (2022). "Utilizing Grammarly in Academic Writing: A Study on Efficacy." *Indonesian Journal of Language Education*, 10(1), 23-34.

essays are frequently used to assess students' capacity to articulate their thoughts and beliefs. indicates that composing essays can boost students' analytical skills when engaging with content.²⁷ underscores the significance of essays in project-driven learning, which fosters the cultivation of skills necessary for the 21st century. Therefore, essays represent more than just academic tasks; they are vital instruments in the wider educational journey.²⁸

An essay typically comprises three essential components: an introduction, the main body, and a conclusion. The introduction aims to present the subject matter and articulate the thesis or primary argument. The main body elaborates on the argument, supported by data and analysis, whereas the conclusion encapsulates the key points and offers a definitive ending. As noted by Kuhlthau, having a coherent and logical framework is crucial for enabling readers to grasp the essay's content effectively.²⁹

d. Writing

a) Definition writing

Writing is a skill that requires to be mastered by each student in university especially for English students

²⁷ Sari, A., & Widyanti, N. (2021). Peningkatan Daya Analisis Siswa Melalui Penulisan Esai. Pendidikan dan Kebudayaan.

²⁸ Anderson, J. (2022). The Role of Essays in Project-Based Learning. Journal of Educational Research.

²⁹ Kuhlthau, C. C. (2020). The role of writing in inquiry-based learning. Journal of Educational Research.

for it is the core in writing scientific literature, paper, research, journal, etc.³⁰

Writing is an important communication process in various contexts, both academic and professional. Within academia, writing is utilized to articulate concepts, share research findings, and conduct analyses in an organized and methodical way. that effective writing involves several crucial steps, such as selecting an appropriate title, drafting an abstract, and systematically arranging the content, which encompasses introduction, methodology, findings, and conclusion. Furthermore, a paper by Sari published in the “Journal of Education and Culture” highlights that strong writing abilities can enhance students’ comprehension of the material and assist them in delivering their arguments persuasively. Writing plays a significant role in journal submissions as well, where writers must comply with specific criteria for their work to gain acceptance and publication. Therefore, writing serves not only as a skill but also as an essential aspect of both the educational journey and scientific discourse.³¹

Writing is the production of graphic symbols to form words in a sequence of sentence arranged in a particular

³⁰ Dhani, O. Paidi, G. & Eka, A. (2021) "The Students' Strategies in Developing Their Ideas in Writing Essay," *Jadila: Journal of Development and Innovation*.
<https://jadila.yayasancec.or.id/index.php/jadila/article/view/157>

³¹ Sari (2020) .*Journal of Education and Culture*

order and linked together in certain ways, also writing is the process of encoding a message to transfer meaning to the reader. In addition, that writing products are often the result of thinking, drafting, and revising procedures that require specialized skills, which is not every speaker can develop naturally. Therefore, it can be concluded that writing is one of the important ways to communicate people's thoughts and to share their ideas. They can write freely in order to express their feeling.³²

The conclusion from this description is that writing is a dynamic process that combines linguistic skills and audience awareness. Writing is not simply about conveying information but also about stimulating interaction and reflection among readers. Furthermore, writing as an art form emphasizes creativity and in-depth analysis, making it a means of expressing ideas and emotions. This activity involves critical thinking, imagination, and responding to cultural and social contexts, which are increasingly important in a changing world. Therefore, writing skills are crucial for students, especially English language learners, as they are fundamental to writing scientific literature, papers, research, and journals.

³² Meli Fauziah, (2024) "The Effectiveness of Fishbone Method on Students' Writing Ability of Argumentative Text," *LENTERNAL: Learning and Teaching Journal* 3, no. 1 (DOI: 10.32923/lenternal.v3i1.2229)

b) Kinds of Writing

a. Academic Writing:

Intended for academic purposes, this type of writing includes term papers, journals, and essays. Its characteristics are formality, clear structure, and proper use of references.

b. Creative Writing:

Includes fiction, poetry, and narrative. This type of writing favors personal expression, imagination, and in-depth style and language.

c. Technical Writing:

Focuses on conveying complex information in an easy-to-understand form, such as user manuals, software documentation, and product guides.

d. Business Writing:

Involves communication within the business world, including reports, emails, proposals, and presentations. This type of writing is usually direct, clear, and well-organized.

e. Journalistic Writing:

Includes news stories, articles, and investigative reports. The main focus is on conveying factual information with speed and accuracy, and grabbing the reader's attention.

in this study focuses on the kind of academic writing part of essay writing

e. Essay writing

a) Definition essay writing

essay writing is a crucial ability in academics that enables people to express thoughts, evaluations, and points of view in an organized manner. The essay writing process consists of multiple stages, including selecting a topic, conducting research, organizing, drafting, and editing. In the first step, the author needs to pick a pertinent and engaging topic, which will subsequently be explored to collect the required information.

The process of writing an essay also requires the application of effective writing strategies. A writer must employ clear and accurate language, steering clear of grammatical and spelling mistakes. Moreover, incorporating varied sentence structures and a diverse vocabulary can enhance the overall quality of the writing. highlights that proficient writing relies not solely on grammar skills but also on the capacity to engage in critical thinking and express ideas in a captivating manner.³³

In the current era of technology, methods for writing essays have changed significantly. Authors need to be

³³ Smith, J. (2021). Innovative approaches to essay writing in the digital age. International Journal of Academic Writing.

increasingly innovative in expressing their thoughts, making use of diverse online tools, and having a deeper comprehension of their readership. This encompasses the skill of efficiently gathering information from the web and employing available writing aids. Therefore, it is essential for writers to continually adjust to evolving circumstances and advancements in technology to create superior essays.

b) Aspects Essay Writing Assessment

According to Weigle, S. C. In essay writing assessment, there are several aspects that are assessed, including:

1. Clarity

clarity in evaluating written work is a crucial element for successful communication in writing, which includes using accurate terminology and well-structured ideas. Studies indicate that clarity enhances understanding for readers, particularly in scholarly settings. Authors who convey straightforward and succinct sentences receive higher evaluations because it is simpler for readers to understand the main points. Targeted comments from instructors regarding clarity can aid students in refining their writing abilities, therefore emphasizing clarity enhances both the writing standard and efficient learning methods.

2. Cohesion and Coherence

This pertains to the author's skill in linking sentences and paragraphs smoothly, fostering a sense of unity in the text. Cohesion and coherence are essential elements in writing assessment that enhance comprehension and communication effectiveness. Cohesion involves the connection of text elements through conjunctions, references, and repetition, while coherence pertains to the logical organization of ideas that facilitate reader understanding. Constructive feedback on both aspects is crucial for writing development.

3. Accuracy

refers to the precision and correctness in language usage during writing. accuracy in evaluating writing encompasses the appropriate application of language, which involves grammar, spelling, and word choice. This holds significant academic value, as mistakes can hinder comprehension and undermine trustworthiness. Studies indicate that meticulous writers achieve superior scores, showcasing their professionalism. Furthermore, the correct usage of specialized terminology aids in expressing ideas effectively. Authors who employ precise language

illustrate a thorough grasp of the subject and enhance the reader's faith in their work.

4. Organization

Organization encompasses the overall structure of a text, including the introduction, development of ideas, and conclusion. A good writer will ensure that each part of the writing has a clear and logical connection to the other parts, so that readers can easily follow the train of thought. A good structure not only helps convey the message but also enhances the appeal of the writing.

In addition, organization also includes the effective use of paragraphs and sentences to support the main idea. Weigle emphasizes the importance of smooth transitions between paragraphs and the proper use of punctuation to maintain the flow of the writing. Thus, the aspect of organization focuses not only on the arrangement of ideas but also on how the writer uses language elements to create an enjoyable reading experience. This is crucial in ensuring that ideas are conveyed clearly and effectively, making it easier for readers to grasp the intended meaning.

5. Length and Depth

In the process of evaluating writing, two crucial factors to take into account are the length and depth of the content. Length frequently serves as a marker of the number of concepts a writer is able to discuss. Nevertheless, it is insufficient to judge solely on length; depth illustrates the richness and intricacy of the ideas presented. Research conducted by Hyland indicates that writing that is overly long but lacks sufficient depth may confuse readers, whereas brief yet focused writing can effectively deliver a message.

On the contrary, depth pertains to how thoroughly the arguments and analyses are elaborated. Authors who can explore a subject in detail show a deeper comprehension of the topic. That writings rich in depth often showcase the writer's critical thinking and analytical skills. They also pointed out the significance of incorporating tangible examples and pertinent references to bolster arguments, thus enhancing the writing's reliability.

In a teaching environment, it is essential for educators to evaluate these two components in a fair way. Demonstrated that evaluations focusing exclusively on the length of writing can lead students to prioritize quantity over quality. Thus, creating an

evaluation framework that addresses both length and depth can assist students in recognizing that these elements work together to achieve successful communication.³⁴

This research only focuses on aspects of writing assessment, namely accuracy.

f. Accuracy

Accuracy is a measure that is used to evaluate how precise the prediction or classification outcomes generated by a model are in relation to the true values. In the realm of statistics and machine learning, accuracy is characterized as the ratio of all correct classifications, including both positive and negative ones, to the overall classifications executed.

According to Kertihati and Suprayogi, it was indicated that accuracy can deliver a broad perspective on model performance; however, it should be utilized alongside other metrics such as precision, recall, and F1 score to achieve a more thorough comprehension of model efficacy within a more intricate context.³⁵ Therefore, it is important for researchers and practitioners to consider the context and purpose of the analysis when selecting appropriate evaluation metrics.

a) Definition of Writing Accuracy

³⁴ Weigle, S. C. (2002). *Assessing Writing*. Cambridge University Press.

³⁵ Kertihati, D., & Suprayogi, A. (2020). *The Effect of Accuracy on Model Performance in Machine Learning*. Journal of Language and Literature

Writing accuracy is a term that signifies a writer's capacity to create error-free texts regarding grammar, spelling, and punctuation. This notion is especially significant in the realm of language education, where writing accuracy is deemed a crucial measure of proficient language skills. Studies indicate that the degree of accuracy in writing influences the reader's comprehension and also demonstrates the writer's command of the language. In this context, writing accuracy becomes one of the main focuses in language teaching, especially for learners learning a second or foreign language. Accurate writing not only includes the use of precise language but also requires a deep understanding of the topic at hand.³⁶

In the context of education, accuracy is one of the factors that should be taken into account in language instruction. Research indicates that instruction focusing on precision enhances students' comprehension of language structures, enabling them to articulate thoughts clearly and accurately.³⁷ This is particularly crucial in the advancement of writing abilities, where mistakes can alter the meaning of a sentence.

The feedback provided to students, whether in direct or indirect formats, significantly influences their writing precision. The study found that students who received indirect feedback

³⁶ Fahnestock, J., & Secor, M. (2018). *Writing in Academic Contexts: Accuracy and Clarity*. Journal of Composition Studies

³⁷ Harmer, J. (2020). *The Practice of English Language Teaching*. Pearson Education.

demonstrated greater improvement in writing precision than those who obtained direct feedback.³⁸ This illustrates that the appropriate teaching approach can assist students in enhancing their writing abilities, particularly regarding of accuracy.

In addition, the significance of structured exercises in enhancing writing accuracy among language learners. They discovered that students who participated in writing exercises targeting the accuracy aspect demonstrated considerable improvement compared to those who did not receive such exercises. This indicates that a systematic method to writing instruction can aid in the enhancement of students' writing abilities.

Accuracy in writing may also be evaluated through various assessment techniques. suggests the use for the implementation of a scoring rubric that encompasses elements such as grammar, vocabulary usage, and clarity of argument to evaluate the accuracy of students' written work. Consequently, writers are not only motivated to create informative pieces but also those that are devoid of mistakes that might hinder readers' comprehension.

In the Indonesian context, obstacles in attaining writing accuracy are frequently linked to limited access to sufficient resources and training. Safnil Arsyad in his book regarding

³⁸ Septiana(2020). *Corrective Feedback And Writing Accuracy Of Students Across Different Levels Of Grammatical Sensitivity*. Indonesian Journal of Applied Linguistics

writing international journal articles mentions that numerous Indonesian researchers encounter challenges in publishing their research findings due to constraints in writing with high accuracy in English.³⁹ Therefore, it is crucial for academics and researchers to receive adequate training in writing, to enhance their writing accuracy and contribute more effectively to international publications.

b) Influence of Various Factors on Accuracy

Accuracy in writing is a crucial element that influences the quality of written communication. Several factors that influence this accuracy include comprehension of grammar, vocabulary, and cultural context. A solid grasp of grammar rules can enhance a writer's capacity to express ideas distinctly and accurately. Writers who possess extensive knowledge of sentence structure typically create writing that is more precise and comprehensible. Additionally, a broad vocabulary also plays a role in accuracy in writing.⁴⁰

That writers who are familiar with utilizing a diverse array of words have a superior ability to articulate complex ideas. The employment of suitable vocabulary not only enhances the clarity

³⁹ Safnil Arsyad. *Menulis Artikel Jurnal Internasional Dengan Gaya Retorika Bahasa Inggris*. Academia.edu

⁴⁰ Sari, D., & Rahardjo, B. (2020). *The Role of Grammar in Writing Accuracy*. *Journal of Language and Linguistic Studies*, 123-135.

of writing but also deepens the meaning that is intended to be communicated. Hence, vocabulary development through regular reading and writing practice is strongly advised.

Another significant factor is the cultural context and audience. Research by Aulia emphasizes that writers must take into account the reader's cultural background during the writing process. A writing style that aligns with the expectations of the audience can elevate the acceptance and comprehension of the writing.⁴¹ Understanding cultural variances also aids writers in steering clear of misunderstandings that could arise from differences in interpretation.

c) Aspects of Accuracy in Essay Writing:

In the theory "The Importance of Accuracy in Academic Writing"

by Dr. Jane Smith there are several aspects of accuracy in essay writing.⁴²

a) Grammar

Grammar is the key of effective writing essay, providing the structural framework that ensures clarity and coherence.

Understanding grammar allows writers to convey their ideas precisely and helps readers interpret the intended meaning

⁴¹ Aulia, R. (2019). *Cultural Context in Writing: Implications for Effective Communication*. Indonesian Journal of Applied Linguistics, 45-56.

⁴² Smith, Dr. Jane. 2021. *"The Importance of Accuracy in Academic Writing."* Journal of Academic Writing.

without confusion. One of the fundamental elements of grammar is sentence structure, which includes the arrangement of subjects, verbs, and objects. For example, in the sentence "The cat chased the mouse," the subject ("the cat") is clearly identified, followed by the action ("chased") and the object ("the mouse"). Proper sentence structure not only enhances readability but also strengthens the overall argument being presented. When writers neglect grammatical rules, they risk losing their audience's attention and making their messages unclear.

Another crucial aspect of grammar is the distinction between active and passive voice. Active voice generally makes writing more direct and engaging, as it emphasizes the subject performing the action. For instance, "The scientist conducted the experiment" clearly indicates who is responsible for the action. In contrast, passive voice, such as "The experiment was conducted by the scientist," can obscure the subject and diminish the impact of the statement. While there are instances where passive voice is appropriate, particularly in formal or academic writing, using active voice is often recommended to maintain clarity and keep the reader engaged. Writers who master the use of voice can enhance the dynamism of their prose and ensure that their ideas resonate more strongly with their audience.

The use of conjunctions also plays a significant role in the cohesiveness of writing. Conjunctions such as "and," "but," "because," and "although" help connect ideas and establish logical relationships between clauses. For instance, in the sentence "She enjoys reading, but she also loves writing," the conjunction "but" clearly indicates a contrast between two related ideas. Effective use of conjunctions enables writers to create complex sentences that convey nuanced thoughts and arguments. By mastering the art of combining ideas through conjunctions, writers can enhance the depth and richness of their writing, making it more compelling and easier for readers to follow.

Finally, the importance of revision in ensuring grammatical accuracy cannot be overstated. Even the most skilled writers make mistakes, and careful revision allows them to identify and correct grammatical errors that may have been overlooked in the initial draft. This process involves proofreading for issues related to sentence structure, punctuation, and word choice. Seeking feedback from peers or utilizing grammar-checking tools can also aid in refining the text. By dedicating time to revision, writers can significantly improve the quality of their work, ensuring that their ideas are presented clearly and effectively. Ultimately, attention to grammatical accuracy is essential for

any writer aiming to communicate their thoughts with precision and clarity.

b) Spelling

Spelling is one aspect of writing essay that significantly impacts the clarity and professionalism of a text. Accurate spelling ensures that readers can easily understand the intended message without the distraction of errors. For example, a simple misspelling such as "definitely" instead of "definitely" can lead to confusion and detract from the credibility of the writer. When spelling mistakes occur, they can create a perception of carelessness, which may cause readers to question the validity of the content or the author's expertise. Therefore, maintaining correct spelling is essential for effective communication and establishing trust with the audience.

Another important consideration in spelling is the influence of homophones—words that sound the same but have different meanings and spellings. For instance, the words "there," "their," and "they're" are commonly confused, leading to errors that can obscure meaning. Inaccurate use of homophones not only confuses the reader but also undermines the writer's authority. Writers must be vigilant in distinguishing between these similar-sounding words to convey their messages accurately. Utilizing tools such as

dictionaries or spell-check software can aid in preventing these common pitfalls, ensuring that the correct words are used in context.

In addition to common homophones, the consistency of spelling is crucial, especially when dealing with specialized terminology or jargon. For example, in academic or technical writing, consistent spelling of terms is vital for clarity and precision. If a writer alternates between "color" and "colour," it can confuse readers about the intended style or regional variation. Consistency in spelling not only aids comprehension but also reflects the writer's attention to detail and professionalism. Therefore, writers should establish a standard for spelling, especially when using specialized vocabulary, and adhere to it throughout their work.

Furthermore, the evolution of language and the introduction of new words can pose challenges for spelling accuracy. As language evolves, so do spelling conventions, particularly with terms related to technology and cultural phenomena. Writers must stay informed about these changes to ensure their spelling remains current. For instance, words like "internet" and "selfie" have become widely accepted, yet some may still be unsure about their correct spelling or usage. Engaging with reputable sources, such as style guides

or language authorities, can help writers navigate these developments and maintain accuracy in their writing.

Lastly, the importance of proofreading in relation to spelling cannot be overstated. No matter how skilled a writer may be, errors can slip through during the writing process. Taking the time to carefully proofread a document allows writers to catch and correct spelling mistakes before publication. Reading the text aloud, using spell-check tools, or enlisting a peer to review the work can all be effective strategies for identifying errors. By prioritizing proofreading, writers can enhance the overall quality of their work, ensuring that their spelling is accurate and that their ideas are communicated clearly and effectively. In conclusion, meticulous attention to spelling is essential for any writer seeking to convey their thoughts with clarity and professionalism.

c) Punctuation

Next One of the key elements of accuracy is the use of proper punctuation. Punctuation serves to separate ideas, indicate intonation, and help readers understand sentence structure. Without the correct use of punctuation, essays can be difficult to read and confusing. Therefore, writers must pay attention to each punctuation mark used to ensure readability and clarity of writing.

The use of punctuation such as periods, commas, and question marks greatly affects the meaning of a sentence. For example, periods are used to end declarative sentences, while commas serve to separate elements in more complex sentences. For example, in the sentence "I went to the market, bought vegetables, and went home," the comma helps emphasize several actions taken by the subject. Without the comma, the sentence could be ambiguous. Therefore, writers must practice using punctuation correctly to avoid misunderstandings.

In addition, punctuation can also affect writing style. The use of exclamation marks, for example, can express emotion or emphasis on an idea. In writing an argumentative essay, the writer may want to use exclamation marks to indicate the strength of an opinion. However, excessive use of exclamation marks can give the impression of being excessive or emotional, which may not be appropriate in an academic context. Therefore, it is important to balance the use of these punctuation marks to keep them in line with the purpose of the writing.

The use of quotation marks is also an important aspect in essay writing accuracy. Quotation marks are used to mark direct quotations from other sources, indicating that the ideas are not the author's own. This is especially

important in academic writing to avoid plagiarism and to give credit to the original author. In addition, quotation marks can be used to highlight certain terms or phrases, emphasizing key ideas in the essay. Writers should ensure that quotation marks are used consistently and appropriately to enhance the accuracy and credibility of the writing.

Finally, to achieve accuracy in essay writing, writers should also pay attention to the layout and consistency of punctuation use. For example, if the writer chooses to use a semicolon, they should do so consistently throughout the essay. Inconsistencies in the use of punctuation can disrupt the flow of the writing and reduce clarity. Therefore, writers are advised to proofread and edit their writing to ensure that all punctuation marks are used correctly and appropriately. Thus, accuracy in essay writing can be achieved, providing a better reading experience for the audience.

d) Consistency

Consistency is a key element in writing an effective essay. Consistent use of terms helps to clarify the argument being made and avoids confusion among readers. For example, if the writer decides to use the term “climate change” to refer to an ongoing phenomenon, this term should be used consistently throughout the essay. Replacing the term with “global warming” or “environmental crisis”

without a clear explanation can leave readers confused about what is being referred to. By maintaining consistency in terms, the writer creates a better understanding and strengthens the argument being made.

In addition to the use of terms, consistency in writing style is also very important. Writing style includes the choice of words, sentence structure, and tone used. For example, if the writer chooses to use formal language in the opening paragraph, it is important to maintain that tone throughout the essay. If the writer suddenly switches to a more casual or informal style, this can disrupt the flow and detract from the seriousness of the argument. For example, in an academic essay, the writer should avoid using slang phrases or colloquial terms that can damage the credibility of the writing. Maintaining consistency in writing style creates a professional and organized impression.

The format of the essay is also an important aspect of consistency. Elements such as margins, font size, and paragraph spacing should be consistent throughout the document. For example, if one paragraph has 1-inch margins and a 12-point font size, the entire essay should follow the same format. Inconsistencies in formatting can make an essay look unprofessional and disrupt the reading experience. Writers who pay attention to these formatting

details not only show concern for the quality of their writing but also respect for their readers' time and attention.

Consistency also applies to the use of references and citations. In academic writing, following a particular citation style, such as APA or MLA, should be done consistently. If a writer begins with APA style, all citations and bibliographies should follow that format. For example, if a quote is written with the author's name and year of publication in the format (Name, Year), then all citations should follow this pattern. Inconsistencies in how sources are cited can damage the credibility of an essay and make readers doubt the reliability of the information presented.

Overall, consistency in terminology, writing style, and formatting is essential to producing a clear and professional essay. Writers who pay attention to these aspects not only improve the quality of their essays but also provide a better reading experience for their audience. Before completing an essay, the writer must revise to ensure that all elements are consistent and in accordance with the established guidelines. Thus, consistency becomes a strong foundation for conveying ideas clearly and effectively.

e) Clarity or Appropriateness of content

Clarity or appropriateness of content is an element in essay writing, which determines how effectively the writer

can convey their ideas to the reader. When the writer is composing the essay, they should make sure that every piece of information presented is relevant to the main theme. For example, if the writer is writing about the benefits of reading, all the arguments and examples presented, such as improving vocabulary and critical thinking skills, should directly support the thesis. If the writer includes irrelevant information, such as the history of books, without relating it to the benefits of reading, the reader may feel confused and lose interest.

The use of clear and simple language also greatly affects the clarity of the content. The writer should avoid complicated terms or unfamiliar jargon. For example, when discussing the positive effects of exercise, the writer should use sentences such as "Exercise can improve heart health" rather than "Regular physical activity contributes to cardiovascular homeostasis." By using easy-to-understand language, the writer can ensure that readers from various backgrounds can follow the arguments presented well. Clarity of language serves as a bridge to explain complex ideas in a simpler way.

A good essay structure also plays an important role in creating clarity of content. Each paragraph should have a clear focus and relate to the main idea. For example, in an

essay about the impact of technology on education, the writer might start by explaining how technology has facilitated distance learning, then move on to the challenges faced, such as lack of social interaction. Each paragraph should have an opening sentence that explains the main point of the paragraph and a closing sentence that summarizes the points that have been discussed. With a clear structure, readers can follow the writer's train of thought without getting confused.

Consideration of the audience is also very important in essay writing. Writers need to know who will be reading their essay so that the content can be tailored to the expectations and needs of the readers. For example, if the essay is aimed at high school students, the writer may need to use examples that are closer to their lives, such as the influence of social media. If the audience is academics, the writer should include more in-depth data and references. By understanding the characteristics of the audience, writers can create relevant and interesting content, thereby increasing reader engagement.

g. Grammarly's Impact on Writing Accuracy

The utilization of applications like Grammarly is becoming more prevalent among students and professionals aiming to enhance their writing abilities. Grammarly, an AI-driven application, provides recommendations to rectify grammar, spelling, and

stylistic errors. Studies indicate that utilizing these tools can enhance writing precision, particularly for non-native speakers who frequently encounter difficulties with sentence structure and appropriate word choice.⁴³ By delivering immediate feedback, Grammarly aids writers in understanding their errors, enabling them to better grasp language conventions. Alongside accuracy enhancement, Grammarly also plays a role in boosting writing fluency. Research discovered that students who utilized Grammarly showed a marked improvement in their writing fluency compared to those who did not utilize the application. With the advice given, users can prevent unnecessary redundancy and select more accurate vocabulary, thus making their writing smoother and clearer.⁴⁴ This aspect is especially crucial in professional communication, where clarity and accuracy are of utmost importance.

According to Ambarwati highlighted that students employing Grammarly throughout their thesis writing reported notable enhancements in their confidence and the caliber of their writing. The application assisted them in pinpointing and rectifying grammatical and spelling mistakes, which improved the precision of their writing. Nonetheless, there are also obstacles that students encounter when using this tool.⁴⁵

⁴³ Khan, A., & Saeed, M. (2021). *The Role of AI-Based Writing Assistants in Enhancing Writing Skills: A Study of Grammarly*. Journal of Educational Technology & Society, 45-58.

⁴⁴ Lee, H., & Kim, S. (2020). *The Impact of Digital Writing Tools on Writing Fluency: A Comparative Study*. International Journal of Language and Linguistics, 220-230.

⁴⁵ Ambarwati, E. K. (2021). *Indonesian university students' appropriating Grammarly for formative feedback*. ELT in Focus, 1-11.

In an educational setting, the application of Grammarly prompts conversations about ethics and academic integrity because, while Grammarly can assist in enhancing the quality of writing, there exists a risk that students may rely on the tool to evade accountability for the standard of their writing.⁴⁶ This initiates a discussion concerning the boundaries of tool usage in academic situations and how educators can promote responsible utilization.

The use of language tools such as Grammarly is increasingly popular among writers, both professionals and students. Grammarly offers features that help users check grammar, spelling, and writing style, which in turn is expected to improve the accuracy and fluency of writing. Research shows that the use of these tools can have a significant positive impact on writing skills, especially in academic and professional contexts.

A research study conducted by Dizon published in the journal *Language Learning and Technology* demonstrated that students who utilized Grammarly on a regular basis saw notable enhancements in their grammar and spelling skills. The research indicated that the tool functions not just as an error-checking device, but also as an educational resource that aids users in recognizing the errors they frequently commit.

⁴⁶ Samuel, T., & Tiwari, R. (2023). *Ethics of Using AI Writing Tools in Academic Settings: A Critical Review*. *Journal of Academic Ethics*, 123-137.

Furthermore, an article authored by Burch in the Journal of Educational Technology Development and Exchange emphasizes the crucial role of tools like Grammarly in advancing the quality of writing among college students.⁴⁷ This investigation found that students utilizing Grammarly not only rectified technical mistakes but also improved their capacity to formulate clearer and more organized arguments. This implies that integrating technology into the writing process can provide extensive advantages, affecting not only accuracy but also the enhancement of critical thinking abilities.

B. REVIEW OF PREVIOUS STUDY

There are several previous studies conducted by several researchers that are relevant to this research and the following is an explanation of these previous studies.

1. The Effect of Grammarly on EFL Students' Writing Skills. Conducted by Al-Ahmad, F., & Ali, K. This research appears in the International Journal of Education and Learning. This study explored the impact of using Grammarly on EFL students' writing skills. Findings indicated that utilizing Grammarly enhanced both grammatical correctness and overall writing fluency, offering valuable feedback to the students. This research employed a quantitative framework with an experimental design featuring two groups: one that utilized Grammarly and a control group that did not.⁴⁸

⁴⁷ Burch, M. (2021). *Enhancing Student Writing through Technology: The Role of Grammarly*. Journal of Educational Technology Development and Exchange.

⁴⁸ Al-Ahmad, F., & Ali, K. (2021). *The Effect of Grammarly on EFL Students' Writing Skills*. International Journal of Education and Learning.

2. Assessing the Impact of Grammar Checkers on Students' Writing Performance. Conducted by Dizon, G., & Gayed, A. This research appears in the Journal of Language Teaching and Research. The investigation evaluated how grammar-checking tools, particularly Grammarly, influenced students' writing abilities. The results demonstrated that students who employed Grammarly noticeably improved their writing accuracy and fluency compared to their peers who did not use the tool. The methodology involved conducting a survey and performing statistical analysis on students' writing performances both before and after the implementation of Grammarly.⁴⁹
3. Enhancing Writing Quality Through Digital Tools: A Study on Grammarly. By Fitria, Y., et al. This study is featured in the Journal of Linguistics and Language Teaching. The research examined the potential of Grammarly to enhance the writing quality of students in higher educational settings. Results revealed that those who incorporated Grammarly into their writing practices achieved notable gains in both fluency and precision, resulting in increased confidence. The study adopted a mixed-methods strategy, collecting both quantitative survey data and qualitative interview insights from students utilizing Grammarly.⁵⁰
4. Unlocking Writing Potential: Assessing the Impact of Grammarly on Jordanian EFL Students' Writing Proficiency. By Al-Ahmad, S.,

⁴⁹ Dizon, G., & Gayed, A. (2020). *Assessing the Impact of Grammar Checkers on Students' Writing Performance*. Journal of Language Teaching and Research.

⁵⁰ Fitria, Y., et al. (2022). *Enhancing Writing Quality Through Digital Tools: A Study on Grammarly*. Journal of Linguistics and Language Teaching.

Obeidat, H., & Al-Jarrah, R. The title Theory and Practice in Language Studies. This research investigated how Grammarly affects the writing abilities of 60 EFL learners in Jordan. A quantitative approach was adopted to differentiate an experimental group utilizing Grammarly from a control group that did not engage with the tool. Methodology: The research implemented pre-tests and post-tests to evaluate variations in grammatical precision, vocabulary use, and overall writing quality between the two groups. Population: 60 EFL learners in Jordan, split into two sets (30 in the experimental group and 30 in the control group).⁵¹

5. The Effects of Using Grammarly on EFL Students' Writing Quality. By Liang, J., & Wu, X. This research focused on how Grammarly influences the writing standards of EFL learners. Findings indicated a notable enhancement in writing quality due to the use of Grammarly. Methodology: An experimental framework assessed writing quality prior to and subsequent to using Grammarly. Population: EFL students from a university who took part in this study.⁵²
6. The Role of Grammarly in Improving SL Students' Writing Competence. By Setiawan, A., & Lestari, D. The title of this journal is Indonesian Journal of Language and Literature. This research evaluates how Grammarly contributes to advancing ESL learners' writing skills.

⁵¹ Al-Ahmad, S., Obeidat, H., & Al-Jarrah, R. (2023). *Unlocking Writing Potential: Assessing the Impact of Grammarly on Jordanian EFL Students' Writing Proficiency*. Theory and Practice in Language Studies. DOI: <https://doi.org/10.17507/tpls.1405.21> [2].

⁵² Liang, J., & Wu, X. (2021). *The Effects of Using Grammarly on EFL Students' Writing Quality*. English Language Teaching, 14(3), 1-12.

Findings demonstrate that students utilizing Grammarly not only rectify grammatical mistakes but also enhance the organization and coherence of their writing. The methodology involves a case study that includes analyzing students' writing both before and after Grammarly's application, along with interviews to gather student feedback.⁵³

The equation of the previously mentioned research with this study is that it discusses the impact of using grammarly. The next similarity is the subject of this research and the previous research is students. The last similarity is that the data collected from one of the previous related studies is through interviews and document analysis.

The difference between the research that has been mentioned with this research is that the first of these studies uses qualitative methods while previous studies have used mix methods and quantitative. Lastly, the subject of this research only focuses on 4th semester students of essay writing class of IAIN Curup's English study program and previous research students from several universities.

⁵³ Setiawan, A., & Lestari, D. (2023). *The Role of Grammarly in Improving ESL Students' Writing Competence*. Indonesian Journal of Language and Literature.

CHAPTER III

RESEARCH METHODOLOGY

This chapter describes the research methodology and other matters related to data collection and data analysis. Details of the previously mentioned points will be further explained below.

A. Research Design

The method used in this research is a qualitative method. It is further explained that qualitative methods have become a very common procedure for conducting research in the fields of education, psychology, and social sciences. This research was conducted in the field of education, especially in English lessons. The researcher analyzes the data that has been collected and then the researcher describes the data based on the research objectives. Qualitative methods are a way to understand the meaning of individuals or groups, and explore social or humanitarian problems.⁵⁴ The problem to be studied in this research is Investigating The Use of Grammarly in Students' Essay Writing Accuracy.

This research design is a descriptive design. In using this design, the data results in the form of the use of Grammarly in Students' Essay Writing Accuracy examined by researchers to find out and understand the experiences and perceptions of students in using Grammarly as a tool in the

⁵⁴ Creswell W, John., & Creswell, J.David. (2018). *Desain Penelitian Pendekatan Kualitatif, Kuantitatif, dan Metode Campuran*. London: SAGE Publication, Inc.P.23

writing process. according to Prof. DR. Lexy J. Moleong, MA in his book entitled *Qualitative Research Methodology* states that descriptive design research is a research method that seeks to visualize and interpret objects as if the facts in the field.⁵⁵

This approach responds to several of the arguments outlined earlier, and the researcher notes the broader implications of the issue within the conversation. The topic explored in detail concerns the Use of Grammarly in Students' Essay Writing Accuracy.

B. Subject of the Research

Subject This study involved a total of 20 students taking an essay writing course in the fourth semester, with 7 students selected from class 4a, 5 students selected from class 4B, and 8 students selected from class 4c each of classes in the English Department of IAIN Curup. using the face to face or observation method to each "class." The criteria for selecting these participants were based on several factors: first, they had participated in an essay writing class, so they had a good understanding of writing techniques and structures. second, the fourth-semester students were expected to have used the free version of Grammarly, so they could provide valuable insights into its effect on the accuracy of their writing. Secondly, the fourth semester students were expected to have been using the free version of Grammarly for approximately 6 months, so they could provide valuable insights regarding its influence on the accuracy of their writing. Using a qualitative approach, this study aimed to explore the participants' experiences and

⁵⁵ Moleong, Lexy J. (2018). *Metodologi Penelitian Kualitatif*. Bandung : PT Rosdakarya. P.87

perceptions regarding the use of Grammarly, which would result in a comprehensive understanding of how this tool helped improve their writing. In this case, the researcher wanted to get more detailed information, understand the phenomenon at hand, and whether the information relates to the information received from the students.

C. Data collection technique

According to John W. Creswell in his work “Qualitative Inquiry and Research Design,” Creswell describes based on the characteristics of qualitative research, data collection techniques are carried out by document analysis and interviews.⁵⁶

The following text describes the tools utilized in this research.

1. Document analysis

Document analysis is a thorough method of inspecting documents to gain insight into the context, content, and significance of the information within them. This approach generally includes recognizing the document type, evaluating the content, and determining the source's relevance and credibility. Within a research framework, document analysis is commonly employed to gather secondary data, which can offer researchers essential perspectives on the phenomenon being investigated.

According to Creswell, document analysis is used to collect data from a variety of document sources, such as reports, letters,

⁵⁶ W.Lawrence Neuman. 2003. Metode Penelitian Sosial: Pendekatan Kualitatif Dan Kuantitatif. Hlm.21 Boston : Allyn dan Bacon

notes, and interview transcripts, or in the case of this study, it allows the researcher to examine in detail the student essays that use grammarly, as well as to identify patterns that emerge in the use of grammarly in the writing process. The documents analyzed will include student essay writing that has used grammarly, which will be investigated to explore how grammarly is used as a tool to improve student writing in essay writing. This analysis will provide important additional insights to gain a deeper understanding of the impact of grammarly in the context of writing education.

2. Interview

Interviews were chosen as the primary method of data collection for this study. This approach provided the necessary flexibility to explore in depth the students' experiences and perceptions regarding the use of grammarly in writing essays. According to Kvale and Brinkman, semi-structured interviews are conducted with a fixed guideline of structured questions, but also allow the researcher to explore topics that arise spontaneously and in depth, according to each participant's unique responses and experiences. This is important to ensure that the data collected includes a range of relevant viewpoints and nuances related to the practical experience of using a chatbot in a writing education context. Each interview will last approximately 15–20 minutes via online zoom and will be screenrecorded with permission from the participants to ensure accuracy of transcription and data analysis. This approach allows the

researcher to understand holistically how Grammarly can be used in writing education. The interview questions were initially formulated in English; however, to ensure that the participants provided appropriate answers, the interviews were conducted in their native language (Bahasa Indonesia). The answers were then transcribed and carefully translated into English. The use of participants' mother tongue facilitated those who were not proficient in English, thus allowing them to share information related to the topic under study.

D. Instrument of the research

Research instruments are tools or methods used by researchers to collect data and information needed to answer research questions. In the context of this research, the instruments that will be used are:

1. Document checklist

In this study, to answer the first research question and better understand how Grammarly plays a role in improving students' writing skills, a document analysis was conducted on students' writing results. The document analysis indicators were adopted from Johnson's theory of aspects of accuracy in essay writing. The documents analyzed included essays that had used Grammarly. This analysis aims to evaluate in depth the extent to which Grammarly components can improve or make students' writing better and more structured after using Grammarly. Through this methodology, it is hoped that a more detailed understanding of Grammarly's effectiveness in improving students' writing skills can be obtained.

Tabel 3.1
Document checklist

No.	Indicators	Sub-Indicator	Description	Ceklis
1.	Grammar	1.Sentence Structure		
		2. Active/Passive Usage		
		3. Use of Conjunctions		
2.	Spelling	4. Spelling Errors		
		5. Use of Homophones		
		6.Spelling Consistency		
3.	Punctuation	7.Punctuation Usage		
		8.Use of Quotation Marks		
4.	Consistency	9.Term Consistency		
5.	Clarity	10.Content Relevance		

2. Interview

Qualitative interviews provide chances for exploration, including comprehension, contemplation, and clarification.⁵⁷ In simpler terms, the investigator posed numerous inquiries to students about their insights and views on grammar usage, which impacts both precision and fluidity in essay composition courses. The participants involved in this study included three individuals, one from each of three different classes who enrolled in the Essay Writing course. In this research, the student interviewees had been utilizing standard (free) grammar for a duration of less than six months and Based on the results of their document analysis, which had the fewest errors after using Grammarly. The researcher created a set of guiding questions, and the interviewees engaged in a dialogue about their responses.

There are two parts to the interview. The first part is the identification part. This portion aims to determine the student's educational history, including the duration the student has participated

⁵⁷ Tracy, SJ (2013) Metode Penelitian Kualitatif. Sumur Wiley-Black, Sussex Barat.

in writing courses. The following segment is the core of the interview.

The purpose of this central section is to pose questions related to students' opinion of using grammarly

Table 3.2
Interview guide on students' opinion of using grammarly

No.	Indicators	Components	Sub-indicator	Questions
1.	Grammar	Grammar Understanding The sentence structure is clearly identified	Sentence Structure	1.Does grammarly help you to rearrangement the sentence structure? 2. How does grammarly arrange the sentence structure?
			Active vs. Passive Voice	3.Does grammarly help you to differentiate between active and passive voice. 4.How does grammarly differentiate between active and passive voice?
			Use of Conjunctions	5.Does grammarly help you to be aware in using conjunction? 6. How does grammarly indicated the use of conjunction?
2.	Spelling	Spelling Accuracy The sentence can be easily understand.	Spelling Error	7. Does grammarly help you to correct the spelling? 8.How grammarly correct the spelling?
			Homophone	9.Does grammarly help you to distinguish homophones? 10.How does grammarly distinguish homophone?
3.	Punctuation	Use of Punctuation	General Punctuation	11.Does grammarly correct the punctuation?

		The sentence uses proper punctuation		12.How does grammarly correct the punctuation?
			Writing Style	13. Does grammarly improve your writing style? 14.How does grammarly improve your writing style?
4.	Consistency	Consistency of Terms The sentences are consistence in using particular term	Terms and Terminology	15.Does grammarly help you to maintain consistency in terms? 16.How does grammarly maintain consistency in term?
5.	Clarity	Content Clarity The sentences contain relevance of information ans use simple language	Relevance of Information	18. Does grammarly help you to maintain the relevance of information in your writing? 19.How does grammarly apply the relevance of informad?
			Simple Language	20.Does grammarly help you to use simple language? 21.How does grammarly lead you to use simple language?
		Essay Structure The sentences use a good essay structure	Focus Paragraph	22. Does grammarly help you to use clear and a good essay structure? 23.How does grammarly lead you to use clear and a good essay structure?

E. Techniques for Analyzing the Data

Researchers used Miles and Huberman's data analysis technique to answer the research question, namely, the data collected through document

analysis and interviews required further analysis to determine how to present and discuss it in the findings section. The analysis involved three main stages: data reduction, data presentation, and conclusion drawing/verification.

According to Miles & Huberman analysis consists of three concurrent streams of activity: data reduction, data presentation, and conclusion drawing/verification. The following is an illustration of the method used for data analysis in this study.

1. Data Reduction

Before embarking on data reduction, the researcher must first evaluate the results obtained from the research instrument. The data reduction phase involves condensing, choosing key elements, concentrating on what is significant, identifying themes and trends, and eliminating irrelevant information. This procedure provides researchers with a comprehensive view of the collected data. Reducing data also enhances the clarity of analysis for researchers.

2. Data Display

In qualitative research, data presentation is achieved through concise descriptions, graphs, interconnections among categories, and flowcharts, among others. A common method used for data presentation is narrative text. This study also employs narrative text for presenting its data. By showcasing data in this way, it facilitates the researchers' comprehension of the information and aids in planning subsequent phases.

3. Drawing Conclusions/Verification

The concluding step in the data analysis process is to formulate conclusions. Researchers scrutinize all the data findings and connect them to the research problem addressed in this study. Initial conclusions may be provisional and subject to change if they lack supporting evidence in the subsequent data collection phase. Nonetheless, if the preliminary conclusion is backed by reliable and consistent evidence, it is then deemed a credible conclusion. Conclusions drawn from qualitative research represent novel insights that did not previously exist. Such discoveries can manifest as clarifications of unclear subjects or can take the form of theories.⁵⁸

CHAPTER IV

FINDING AND DISCUSSION

In this chapter, the researcher presents findings and discussions based on data collected through document analysis and interviews. This study aims to identify how the use of Grammarly affects the accuracy of students' essay writing and students' opinions on the effect of using Grammarly on the accuracy of essay writing. Data was collected using a descriptive qualitative data approach from essay document analysis and interviews with fourth-semester students. This chapter consists of two parts: findings for each research question and a discussion interpreting the research results in relation to relevant theory and previous research.

⁵⁸ Miles, M.B., & Huberman, A.M. (1992). *Qualitative Data Analysis: An Expanded Sourcebook*. Thousand Oaks, CA: Sage Publications.

A. Finding

1. The of using Grammarly on students' essay writing accuracy

Researchers used essay analysis documents from fourth-semester students who used Grammarly. The document checklist indicator based on the theory "The Importance of Accuracy in Academic Writing" by Dr. Jane Smith there are several aspects of accuracy in essay writing. This instrument measures five main aspects: grammar, spelling, punctuation, consistency, and clarity.

The analyzed documents or essays were submitted via Google Drive. The Google Drive link was distributed to students of the English Language Education Program at IAIN Curup via WhatsApp on May 22, 2025. Data collection was conducted from May 23 to June 10, 2025.

Table 4.1
Results of document checklist

S	GRAMMAR			Spelling		Punctuation		consistency	clarity
	SS	A/P	C	SE	H	P	QM	TC	CR
S 1	1		2	1		1	1	1	
S 2	4	1	1	9	1	3	1	1	1
S 3	5		1	1	1	3	1	1	1
S 4	1		2	3		1		1	2
S 5	1		1	2	1	2	1	1	
S 6	3		1	1	1	3	1	1	1
S 7	4		1	3	1	1	1		
S 8	1		1	2		1	1	1	2
S 9	3	1	1	1		5	1	1	1
S 10			1	1		2	1	1	
S 11	1		1	1		4	1		3
S 12	2	1	2	3		1	1		1
S 13	1		1	3		1			1
S 14	5	1	1	2		2	1		2
S 15	5	1	1	2		1	1	1	2
S 16	1		1	2		1	1		1
S 17	2	1	1	1		3	1		1
S 18	4		1	3		5	2		2
S 19	4		1	2		1	1		1
S 20	1		1	2		3			1

Ket:

S: Students

SS: Sentence Structure

A/P: Active/Passive

C: Conjunction

SE: Spelling Error

H: Homophones

P: Punctuation

Qm: Quatitaion Mark

TC: Term Consistency

CR: Content Relevance

So, overall, based on the results of the student essays, the most dominant corrections made by Grammarly were in the grammar aspect, particularly in sentence structure and conjunctions. In the spelling aspect, the most dominant corrections were in spelling errors. For punctuation, all aspects were corrected. Term consistency and clarity also saw a similar number of corrections. The least corrections were found in the active/passive voice and homophones aspects.

Examples of grammar errors in the sentence structure aspect can be seen in Student 2's writing, which was previously "*AI revolutionizing healthcare*" and became An "*AI is revolutionizing healthcare.*" other example is Student 3's writing, which was previously "*AI essential element in education*" and became "*AI has become an essential element in education.*" There is also Student 9's writing, which was previously "*be wrong if the education were only*" and became "*be wrong if education were only.*" There are also examples of grammar errors in the conjunction aspect, such as in Student 2's writing, which was previously "*AI improves accuracy efficiency*" and became "*AI improves accuracy and efficiency*". In Student 8's writing, it was previously "*satisfied, companies can save*" and became "*satisfied,*

while companies can save". And in Student 12's writing, it was previously "*human rights and safety*" and became "*human rights or safety*".

Examples of spelling errors in Student 1 include the previous writing "*edcuation*" becoming "*education*". In Student 2, the previous writing "*subject*" becomes "*subject*". In Student 4, the previous "*human-centered*" becomes "*human-centred*". Examples of punctuation errors include the previous writing in Student 2 "*processes-*" becoming "*processes,*". In student 9, the previous "*identity images and even to drive*" was changed to "*identity images, and even to drive*". In student 20, the previous "*understanding creating, and responding*" was changed to "*understanding, creating, and responding*".

Example of an error in consistency: in student 4, the previous "*artificial intelligence*" was changed to "*artificial intelligence*" instead of just "*AI,*" which changes the meaning. In student 6, the phrase "*artificial intelegent*" was changed to "*artificial intelligence.*" And in student 15, the phrase "*understudy*" was changed to "*students.*"

The last example of an error in clarity is in student 4, where the phrase "technology that has the ability to complete tasks" was changed to "technology that can complete tasks." In student 8, the phrase "problems that actually hinder communication" was changed to "problems that hinder communication." And in student 11, before "diseases before symptoms appear, these technologies lower animal mortality and boost the effectiveness of milk production" after "Diseases that occur before symptoms appear are addressed by these technologies, which lower animal mortality and enhance the effectiveness of milk production."

2. Students' opinions after using Grammarly

In answering this research question, the researcher used interviews as the main data collection instrument. The interviews were conducted online or via Zoom on June 10-11, 2025. Participants consisted of three fourth-semester students selected based on the results of their document analysis. Interview questions were developed based on the theory "The Importance of Accuracy in Academic Writing" by Dr. Jane Smith there are several aspects of accuracy in essay writing. This instrument measures five main aspects: grammar, spelling, punctuation, consistency, and clarity.

The results of the interviews showed that students felt greatly assisted in terms of grammar, specifically sentence structure and conjunctions, as evidenced by the responses of students 2, 15, and 18, who stated that Grammarly was very helpful in improving their sentence structure and conjunctions, as seen in the following statement: *"Yes, Grammarly is very helpful in correcting spelling, because every time you write an essay there are bound to be typos or missing letters, so after putting it in Grammarly it really helps or fixes it. As far as I use Grammarly, it is very helpful in using conjunctions, because I often forget or use words that should be 'and' or 'or' incorrectly, such as 'but'." As for active/passive voice, they rarely encounter issues"*.

They also feel assisted in the aspect of spelling, especially in correcting spelling errors, because after using Grammarly, they feel that their writing with typos is improved, as stated in the following statement: *"Yes, Grammarly is very helpful in correcting spelling, because every time*

you write an essay, there are bound to be typos or missing letters, so after putting it in Grammarly, it really helps or fixes it.” Regarding homophones, they felt that errors or corrections were very rare.

Similarly, regarding punctuation, Students 2 and 15 stated that Grammarly is very helpful in punctuation, as in the following statement: *“Yes, Grammarly helps correct punctuation errors, such as missing periods or commas, thus providing accurate options. Grammarly also helps improve writing styles, such as essays that are generally formal, but sometimes when writing an essay, informal sentences slip in, so when you enter them into Grammarly, they are immediately corrected to make them all formal.”*

Students 2, 15, and 18 also feel that Grammarly is very helpful in terms of consistency because Grammarly maintains the content of their essays and also assists in terms of clarity by adjusting the content, simplifying the writing if there are sentences that are difficult to understand, and maintaining the focus of the paragraph.

B. Discussion

The findings of this study indicate that the impact of using Grammarly, as measured by document analysis and supported by student interviews, plays an important role in influencing the accuracy of essay writing. This study refers to the theory “The Importance of Accuracy in Academic Writing” by Dr. Jane Smith. Which covers five aspects: grammar, spelling, punctuation, consistency, and clarity.⁵⁹ The discussion in this chapter examines each aspect based on the research findings and relates

⁵⁹ Smith, Dr. Jane. 2021. *"The Importance of Accuracy in Academic Writing."* Journal of Academic Writing.

them to relevant theories and previous studies to provide a deeper understanding of how Grammarly impacts the accuracy of students' essay writing.

Based on the results of document analysis of 20 students and interviews with 3 fourth-semester students in the English Tadris Study Program at IAIN Curup, diverse results were found. Overall, most of the document analysis results showed an impact after using Grammarly on writing accuracy. Based on document analysis and interview results, it can be concluded that Grammarly plays a significant role in improving the quality of students' essay writing accuracy. The use of Grammarly not only corrects technical errors but also helps students understand important aspects of writing, such as consistency and relevance of information.

Although there are some limitations, such as in the case of homophones and the use of active/passive voice, overall, Grammarly has proven to be a very useful tool for students in improving their writing skills. This demonstrates that technology can positively contribute to the teaching and learning process, particularly in the development of writing skills.

Upon further analysis of the findings, it was discovered that some of the results from essay analysis documents and interviews showed significant improvements after using Grammarly, making their essays more polished, precise, and clear.

According to the theory of accuracy in writing proposed by Dr. Jane Smith, errors in grammar, spelling, punctuation, consistency, and clarity can

be corrected by Grammarly. This is because accurate essays can make them more polished, clear, and easy to understand.

As shown in the research conducted by Al-Ahmad, F., & Ali, K. This study examines the impact of using Grammarly on EFL students' writing skills. The findings indicate that the use of Grammarly improves grammatical accuracy and overall writing fluency, as well as providing valuable feedback for students.⁶⁰ Based on the research findings I have found that Grammarly also helps in terms of accuracy.

The findings of this study align with previous research. For example, Dizon, G., & Gayed, A. found that students who used Grammarly significantly improved their writing accuracy and fluency compared to their peers who did not use the tool.⁶¹

Similarly, Fitria, Y., et al. found that those who integrated Grammarly into their writing practices experienced significant improvements in fluency and accuracy, which ultimately boosted their confidence.⁶²

By Al-Ahmad, S., Obeidat, H., & Al-Jarrah, R. This study only evaluates differences in grammatical accuracy, vocabulary usage, and overall writing quality between the two groups, which means comparing the results through pre-tests and post-tests.⁶³ The results of my study show that

⁶⁰ Al-Ahmad, F., & Ali, K. (2021). *The Effect of Grammarly on EFL Students' Writing Skills*. International Journal of Education and Learning.

⁶¹ Dizon, G., & Gayed, A. (2020). *Assessing the Impact of Grammar Checkers on Students' Writing Performance*. Journal of Language Teaching and Research.

⁶² Fitria, Y., et al. (2022). *Enhancing Writing Quality Through Digital Tools: A Study on Grammarly*. Journal of Linguistics and Language Teaching.

⁶³ Al-Ahmad, S., Obeidat, H., & Al-Jarrah, R. (2023). *Unlocking Writing Potential: Assessing the Impact of Grammarly on Jordanian EFL Students' Writing Proficiency*. Theory and Practice in Language Studies. DOI: <https://doi.org/10.17507/tpls.1405.21> [2].

Grammarly can help in five aspects, namely grammar, spelling, punctuation, consistency, and clarity, based on the results of essays before and after using Grammarly.

There is also research by Liang, J., & Wu, X. The findings show a significant improvement in writing quality thanks to the use of Grammarly.

⁶⁴This is in line with my research, which shows that after using Grammarly, there are indeed significant changes or improvements.

Thus, technologies such as Grammarly can make a positive contribution to the teaching and learning process, particularly in the development of writing skills. This study emphasizes the importance of integrating technological tools into writing practice to achieve better results in an academic context.

⁶⁴ Liang, J., & Wu, X. (2021). *The Effects of Using Grammarly on EFL Students' Writing Quality*. English Language Teaching, 14(3), 1-12.

CHAPTER V

CONCLUSION AND SUGGESTION

Based on the analysis and interpretation of the data presented in the previous chapter, this final section presents the conclusions and recommendations of the study. The conclusions summarize the answers to the research questions: How does the use of Grammarly impact on the students' essay writing accuracy and What are students' opinions on the impact of using Grammarly on essay writing accuracy. These recommendations aim to provide useful input for lecturers, students, and the English Language Education Program, as well as to inspire future researchers to explore similar topics.

A. Conclusions

Based on data analysis and interviews with students in the English Education program, it can be concluded that the use of Grammarly significantly contributes to improving the quality of students' writing. This application helps students improve various aspects of writing, including sentence structure, correct grammar usage, spelling checks, and punctuation. Additionally, Grammarly plays a role in maintaining consistency in terminology and the relevance of information in their essays.

The Interview results indicate that students feel more confident in their writing after using Grammarly. They acknowledge the tool's benefits in providing clear suggestions and correcting common mistakes, thereby improving their overall writing skills. As a result, Grammarly has become a dominant tool in supporting students in grammatical aspects, including conjunction usage, and enhancing the clarity and accuracy of their writing.

B. Suggestion

Based on the results and conclusions of this study, the following recommendations are proposed for the relevant parties:

1. For Lecture

Lecture are encouraged to integrate technology such as Grammarly into their teaching methods. By introducing students to such tools, educators can enhance the learning experience and encourage independent editing practices. Workshops or sessions on how to use Grammarly effectively can be beneficial, providing students with practical skills that complement their academic writing assignments. Additionally, faculty should emphasize the importance of understanding basic grammar rules, enabling students to distinguish between automatic corrections and their own learning process.

2. For Students

Students are advised to actively utilize Grammarly as part of their writing process, rather than relying solely on the tool for corrections. They should view Grammarly as a learning tool that can help identify common mistakes and improve their writing style. Regular use of Grammarly can facilitate a deeper understanding of grammar and punctuation, which

ultimately leads to better writing habits. Additionally, students are encouraged to participate in peer reviews and discussions about their writing to further improve their skills.

3. For English Language Education Programs

English language programs are recommended to incorporate digital literacy into their curriculum. This includes educating students not only in conventional writing methods but also in the use of software such as Grammarly. Programs can design modules that emphasize the combination of technology and writing to prepare students well for the demands of today's academic and professional environments. Additionally, building a culture of feedback, where students can learn from each other's work, will enrich the use of digital tools and improve overall learning outcomes.

REFERENCES

- Al-Ahmad, F., & Ali, K. 2021. The effect of Grammarly on EFL students' writing skills. *International Journal of Education and Learning*.
- Al-Ahmad, S., Obeidat, H., & Al-Jarrah, R. 2023. Unlocking writing potential: Assessing the impact of Grammarly on Jordanian EFL students' writing proficiency. *Theory and Practice in Language Studies*, 14(5), 1-10.
<https://doi.org/10.17507/tpls.1405.21>.
- Alharbi, M. The role of technology in enhancing student engagement. (*Journal of Educational Research*, 2020). 225-240.
- Ambarwati, E. K. Indonesian university students' appropriating Grammarly for formative feedback. (*ELT in Focus*, 2021). 1-11.
- Arsyad, S. (n.d.). Menulis artikel jurnal internasional dengan gaya retorika bahasa Inggris. *Academia.edu*.
- Aulia, R. Cultural context in writing: Implications for effective communication. (*Indonesian Journal of Applied Linguistics*, 2019). 45-56.
- Burch, M. Enhancing student writing through technology: The role of Grammarly. *Journal of Educational Technology Development and Exchange*. (2021).
- Creswell, W. J., & Creswell, J. D. 2018. *Desain penelitian pendekatan kualitatif, kuantitatif, dan metode campuran*. London: SAGE Publication, Inc.
- Crystal, D. *The Cambridge Encyclopedia of the English Language*. Cambridge: Cambridge University Press. (2019).
- Davis, M. Reflective practices in writing with Grammarly. *Journal of Writing Research*. (2023).
- Dizon, G. The impact of Grammarly on students' writing performance. *Language Learning & Technology*. (2020).
- Dizon, G., & Gayed, A. Assessing the impact of grammar checkers on students' writing performance. *Journal of Language Teaching and Research*. (2020).
- Dhani, O. Paidi, G. & Eka, A. (2021) "The Students' Strategies in Developing Their Ideas in Writing Essay," *Jadila: Journal of Development and Innovation*.
<https://jadila.yayasancec.or.id/index.php/jadila/article/view/157>
- Fitria, Y., et al. Enhancing writing quality through digital tools: A study on Grammarly. *Journal of Linguistics and Language Teaching*. (2022).
- Gibbons, L. The role of free writing in developing writing fluency. (*International Journal of Language Studies*, 2021). 15(1), 45-62.
- Hackett, P., "The Selection Interview", *Seri Pembentuk Manajemen* (London: Chartered Institute of Personnel and Development, 2003). 95
- Harmer, J. *The practice of English language teaching*. Pearson Education. (2020).
- Johnson, R., & Lee, T. Feedback mechanisms in writing assistance. *International Journal of Language Studies*. (2020).
- Kertihati, D., & Suprayogi, A. The effect of accuracy on model performance in machine learning. (*Journal of Language and Literature*, 2020). 12(3), 25-36.

- Khasawneh, M. Strategies for improving writing fluency in EFL contexts. Indonesian Journal of English Language Teaching. (2021).
- Kuhlthau, C. C. The role of writing in inquiry-based learning. (Journal of Educational Research, 2020). 113(4), 450-463.
- Liang, J., & Wu, X. The effects of using Grammarly on EFL students' writing quality. (English Language Teaching 2021).
- Martin, A. Collaborative writing and digital tools. Educational Research Review. (2021).
- Meli Fauziah, (2024) "The Effectiveness of Fishbone Method on Students' Writing Ability of Argumentative Text," LENTERNAL: Learning and Teaching Journal 3, no. 1 (DOI: 10.32923/lenternal.v3i1.2229)
- Moleong, L. J. Metodologi penelitian kualitatif. (2018) Bandung: PT Rosdakarya.
- Neuman, J. W. L. (2003). Metode penelitian sosial: Pendekatan kualitatif dan kuantitatif. Boston: Allyn dan Bacon.
- Rahman, A., & Rahayu, S. The role of writing assistance tools in education: A study on Grammarly. International Journal of Education and Research. (2021)
- Sari, I. (Journal of Education and Culture, 2020). 5(2), 12-19.
- Sari, I. P., & Pratiwi, D. Enhancing writing skills through sentence variety training: An experimental study. Indonesian Journal of English Language Teaching. (2022)
- Smith, J. The impact of AI writing assistants on student writing skills. Journal of Educational Technology. (2021)
- Swales, J. M., Ahmad, U. K., Chang, Y. Y., Chavez, D., Dressen, D. F., & Seymour, R. (1998). Consider this: The role of imperatives in scholarly writing. Applied Linguistics, 19(1), 97-121.
<https://doi.org/10.1093/applin/19.1.97>
- Thompson, L. Grammarly and ESL learning: A case study. (Language Learning Journal, 2022). 50(2), 123-135.
- UINSI Samarinda. (2022). Students' perception towards the use of Grammarly in English writing skill of fourth semester English Education Department. Jurnal Sultan Idris Pendidikan Profesi Guru.
- UNESCO. Global education monitoring report 2022: Technology and education. (2022). Retrieved from <https://unesco.org/gem-report>
- W. Lawrence Neuman. 2003. Metode Penelitian Sosial: Pendekatan Kualitatif Dan Kuantitatif. Hlm.21 Boston : Allyn dan Bacon
- White, E. B., & Strunk, W. The elements of style. Open Road Media. (2023)
- Zhang, Y., & Wang, L. Writing accuracy and its impact on readers' comprehension. (Journal of Language and Linguistic Studies 2021). 17(2), 345-360.

A P P E N D I C E S

APPENDICES 1

Tabel 4.1

Document checklist

Students 1

No.	Indicators	Sub-Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: Self-confidence one is After: Self-confidence is one Based on the result of “Grammarly checking” it helps to chek the sentence structure.	✓
		2. Active/Passive Usage	Before: After:	
		3. Use of Conjunctions	Before:Speeko, VirtualSpeech After:Speeko,and VirtualSpeech Based on the result of “Grammarly checking” it helps to chek the use of conjunctions.	✓
2.	Spelling	4. Spelling Errors	Before: Edcuation After: Education Based on the result of “Grammarly checking” it helps to chek spelling errors	✓
		5.Use of Homophones		
3.	Puntuaction	6.Punctuation Usage	Before: AI when used effectively enhances learning. After: AI, when used effectively, enhances learning.	✓

			Based on the result of “Grammarly checking” it helps to chek the punctuation.	
		7.Use of Quotation Marks	Before: AI provides support she said. After: “AI provides support,” she said. Based on the result of “Grammarly checking” it helps to chek the quotation marks.	✓
4.	Consistency	8.Term Consistency	Before: AI tool After: AI tools (used inconsistently in the essay) Based on the result of “Grammarly checking” it helps to chek the term consistency.	✓
5.	Clarity	9.Content Relevance	Before: After:	

Tabel 4.2

Document checklist

Students 2

No .	Indicators	Sub-Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: 1. AI revolutionizing healthcare. 2. Including as better patient 3. Barrier will need require 4. ...sector require collaboration.. After: 1. AI is revolutionizing	✓

			<p>healthcare.</p> <p>2. Including better patient</p> <p>3. Barrier will require</p> <p>4. ...sector requires collaboration...</p> <p>Based on the result of “Grammarly checking” it helps to check the agreement between the subject and verb + as example no 1 and 4.</p>	
		2. Active/Passive Usage	<p>Before: AI is used by doctors for diagnosis.</p> <p>After: Doctors use AI for diagnosis.</p> <p>Based on the result of “Grammarly checking” it helps to check the pattern of active/passive sentence.</p>	✓
		3. Use of Conjunctions	<p>Before: AI improves accuracy efficiency.</p> <p>After: AI improves accuracy and efficiency.</p> <p>Based on the result of “Grammarly checking” it helps to check the use of conjunctions.</p>	✓
2.	Spelling	4. Spelling Errors	<p>Before:</p> <p>Healthcaree, Subject, Savior, Revolutionize, Analyzing, Analyze, Customized, Maximizes, Prioritization.</p> <p>After:</p> <p>Healthcare, subject, saviour, revolutionise, analysing, analyse, customized, maximises, prioritization.</p> <p>Based on the result of “Grammarly checking” it</p>	✓

			helps to check the spelling error.	
		5. Use of Homophones	<p>Before: hear. After: clear.</p> <p>Based on the result of “Grammarly checking” it helps to check the use of homophones.</p>	✓
3.	Punctuation	6.Punctuation Usage	<p>Before:</p> <ol style="list-style-type: none"> 1. Processes — 2. Employ AI tools 3. Thus <p>After:</p> <ol style="list-style-type: none"> 1. processes, 2. Employ AI tools, 3. Thus, <p>Based on the result of “Grammarly checking” it helps to check the punctuation.</p>	✓
		7.Use of Quotation Marks	<p>Before: AIs After: AI’s</p> <p>Based on the result of “Grammarly checking” it helps to check the use of quotation marks.</p>	✓
4.	Consistency	8.Term Consistency	<p>Before: AI tool After:AI technology (used inconsistently in the essay)</p> <p>Based on the result of “Grammarly checking” it helps to check term consistency.</p>	✓
5.	Clarity	9.Content Relevance	<p>Before: : AI helps. After: AI helps in diagnostics. (too vague)</p>	✓

			Based on the result of “Grammarly checking” it helps to check the content relevance.	
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Tabel 4.3

Document checklist

Students 3

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	<p>Before:</p> <ol style="list-style-type: none"> 1.significant influence caused by this technology. 2. AI essential element in education. 3. Education that which is more equitable... 4. ...typically rely on large-scale collection... 5.an aid, but has also revolutionized... <p>After: :</p> <ol style="list-style-type: none"> 1. significant impact of this technology. 2. AI has become an essential element in education. 3. Education which is more equitable... 4. ...typically rely on a large-scale collection... 5.an aid, but it has 	✓

			also revolutionized... Based on the result of “Grammarly checking” it helps to check	
		2. Active/Passive Usage	Before: After:	
		3. Use of Conjunctions	Before: education, and the use After: education, but the use Based on the result of “Grammarly checking” it helps to check	✓
2.	Spelling	4. Spelling Errors	Before: Eduaction, Utilizing, After: Education, Utilising, Based on the result of “Grammarly checking” it helps to check	✓
		5. Use of Homophones	Before: sea-gnificant. After: significant Based on the result of “Grammarly checking” it helps to check	✓
3.	Puntuaction	6.Punctuation Usage	Before: 1. Artificial Intelligence (AI) 2. ...quality of education that is more... 3. Interaction which is very crucial After: 1. Artificial Intelligence (AI), 2. ...quality of education, that is more...	✓

			3. Interaction which, is very crucial Based on the result of “Grammarly checking” it helps to check	
		7.Use of Quotation Marks	Before: teachers After: teachers’ Based on the result of “Grammarly checking” it helps to check	✓
4.	Consistency	8.Term Consistency	Before: AI tool" (inconsistent use of terms) After: Artificiall intelligence Based on the result of “Grammarly checking” it helps to check	✓
5.	Clarity	9.Content Relevance	Before: AI is good." (too vague) After: AI enhances educational quality. Based on the result of “Grammarly checking” it helps to check	✓

Tabel 4.4

Document checklist

Students 4

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: ...only that, AI is also making... After: ...only that, but AI is also making... Based on the result of “Grammarly checking” it helps to check	✓
		2. Active/Passive	Before: After:	

		Usage		
		3. Use of Conjunctions	<p>Before:</p> <ol style="list-style-type: none"> 1. In addition 2. Thus <p>After:</p> <ol style="list-style-type: none"> 1. In addition, 2. Thus, <p>Based on the result of “Grammarly checking” it helps to check</p>	✓
2.	Spelling	4. Spelling Errors	<p>Before:</p> <ol style="list-style-type: none"> 1. personalize 2. customized 3. human-centered. <p>After:</p> <ol style="list-style-type: none"> 1. personalise 2. customised 3. human-centred <p>Based on the result of “Grammarly checking” it helps to check</p>	✓
		5. Use of Homophones	<p>Before:</p> <p>After:</p>	
3.	Punctuation	6. Punctuation Usage	<p>Before: ...student's liking making it more engaging...</p> <p>After: ...student's liking, making it more engaging...</p>	✓
		7. Use of Quotation Marks	<p>Before:</p> <p>After:</p>	
4.	Consistency	8. Term Consistency	<p>Before: Artificial intelligence</p> <p>After: Artificial intelligence not just AI</p> <p>It does change the meaning</p>	✓
5.	Clarity	9. Content Relevance	Before:	✓

			<p>1. ...intelligence (AI) have the ability to perform tasks...</p> <p>2. ...technology that has the ability to complete tasks...</p> <p>After:</p> <p>1. ...intelligence (AI) can perform tasks...</p> <p>2. ...technology that can complete tasks...</p> <p>Based on the result of “Grammarly checking” it helps to check the content relevance the sentence become easier to understand.</p>	
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Tabel 4.5

Document checklist

Students 5

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: A complex mental health disorder is depression. After: Depression is a complex mental health disorder.	✓
		2. Active/Passive Usage	Before: After:	
		3. Use of Conjunctions	Before: cognitive difficulties, physical changes	✓

			After: cognitive difficulties, and physical changes	
2.	Spelling	4. Spelling Errors	Before: 1. counseling 2. therapist After: 1. counselling 2. therapists	✓
		5. Use of Homophones	Before: There After: Their	✓
3.	Puntuaction	7.Punctuation Usage	Before: 1. civilizations 2. For instance After: 1. civilizations, 2. For instance,	✓
		8.Use of Quotation Marks	Before: AIs After: AI's	✓
4.	Consistency	9.Term Consistency	Before:Artificial Intelligence After: AI	✓
5.	Clarity	10.Content Relevance	Before: After:	

Tabel 4.6

Document checklist

Students 6

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: 1. It have wide-	✓

			<p>ranging and beneficial effects....</p> <p>2. to good or harmful.</p> <p>3. help humans do perform tasks.</p> <p>After:</p> <p>1. It has wide-ranging and beneficial effects....</p> <p>2. to good or harm.</p> <p>3. help humans perform tasks.</p> <p>Based on the result of “Grammarly checking” it helps to check the agreement between the subject and verb + as.</p>	
		2. Active/Passive Usage	<p>Before:</p> <p>After:</p>	
		3. Use of Conjunctions	<p>Before: the drawbacks...</p> <p>After: But the drawbacks....</p>	✓
2.	Spelling	4. Spelling Errors	<p>Before: masive</p> <p>After: massive</p>	✓
		5. Use of Homophones	<p>Before: too</p> <p>After: to</p>	✓
3.	Puntuaction	7.Punctuation Usage	<p>Before:</p> <p>1. However</p> <p>2. In this instance</p> <p>3. ...Change By</p> <p>After:</p> <p>1. However,</p> <p>2. In this instance,</p> <p>3. ...Change. By</p>	✓

		8.Use of Quotation Marks	Before: systems' users After: system's users'	✓
4.	Consistency	9.Term Consistency	Before: articial intelegent After: Artificial Intelligence	✓
5.	Clarity	10.Content Relevance	Before: Artificial Intelligence (AI) is the term used to describe how technology, particularly computer systems, can simulate human intelligence processes. After: "Artificial Intelligence (AI) refers to technology, especially computer systems, that mimic human intelligence processes."	✓

Tabel 4.7

Document checklist

Students 7

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: 1. ...benefits of AI is automation of repetitive... 2. ...in order to diagnosing diseases such... 3. ...personalized experience. 4. ...role that does After:	✓

			1. ...benefits of AI is the automation of repetitive... 2. ...in order to diagnose diseases such... 3. ...personalized experiences. 4. ...role that is	
		2. Active/Passive Usage	Before: After:	
		3. Use of Conjunctions	Before: also privacy rights have.... After: and also privacy rights have	✓
2.	Spelling	4. Spelling Errors	Before: 1. patients' 2. as wel as 3. bosting After: 1. patient' 2. as well as 3. boosting	✓
		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	Before: schedule meetings and.... After: schedule meetings, and...	✓
		8.Use of Quotation Marks	Before: black box After: "black box"	✓
4.	Consistency	9.Term Consistency	Before: After:	
5.	Clarity	10.Content Relevance	Before: After:	

Tabel 4.8**Document checklist**

Students 8

No.	Indicators	Sub-Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: also presents number of After: also presents a number of Based on the result of "Grammarly checking" it helps to check the grammar error.	✓
		2. Active/Passive Usage	Before: After:	
		3. Use of Conjunctions	Before: satisfied, companies can save After: satisfied, while companies can save	✓
2.	Spelling	4. Spelling Errors	Before: 1. Colaboration 2. accesible After: 1. Collaboration 2. accessible	✓
		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	Before: information, a possible reduction After: information, and a possible reduction	✓
		8.Use of Quotation Marks	Before: "infodemic, After: "infodemic,"	✓
4.	Consistency	9.Term Consistency	Before: AI is revolutionizing communication." After: Artificial Intelligence is	✓

			revolutionizing communication.	
5.	Clarity	10.Content Relevance	<p>Before:</p> <ol style="list-style-type: none"> 1. ...and widely, causing confusion , fear, and... 2. ...problems that actually hinder communication... <p>After:</p> <ol style="list-style-type: none"> 1. ...and widely, causing confusing, fear, and... 2. ...problems that hinder communication... 	✓

Tabel 4.9

Document checklist

Students 9

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	<p>Before:</p> <ol style="list-style-type: none"> 1. ...be wrong if the education were only... 2. ...were only technical skills. 3. ...of us use on a daily basis, often without... <p>After:</p> <ol style="list-style-type: none"> 1. ...be wrong if education were only... 2. ...were only about technical skills. 3. ...of us use daily, often without... 	✓

			Based on the result of "Grammarly checking" it helps to check the sentence structure.	
		2. Active/Passive Usage	Before: Decision-making can be assisted by AI. After: AI can assist in decision-making.	✓
		3. Use of Conjunctions	Before: particularly our After: and particularly our	✓
2.	Spelling	4. Spelling Errors	Before: technologie After: technologies	✓
		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	Before: 1. ...identify images and even to drive... 2. In this essay I'm going to... 3. ...world of work; therefore education must... 4. ...respects human rights and is fair... 5....to save time and even to maintain... After: 1. ...identify images, and even to drive... 2. In this essay, I'm going to... 3. ...world of work; therefore, education must...	✓

			<p>4. ...respects human rights, and is fair...</p> <p>5. ...to save time, and even to maintain...</p>	
		8.Use of Quotation Marks	<p>Before: Thats</p> <p>After: That's</p>	✓
4.	Consistency	9.Term Consistency	<p>Before: Artificial Intelligence technologies are advancing rapidly.</p> <p>After: AI technologies are advancing rapidly.</p>	✓
5.	Clarity	10.Content Relevance	<p>Before: AI does many things. (Unclear and unspecific)</p> <p>After: AI can help address climate change.</p>	✓

Tabel 4.10

Document checklist

Students 10

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	<p>Before:</p> <p>After:</p>	
		2. Active/Passive Usage	<p>Before:</p> <p>After:</p>	
		3. Use of Conjunctions	<p>Before: AI offers immense</p> <p>After: While AI offers immense</p>	✓
2.	Spelling	4. Spelling Errors	<p>Before: favoring</p> <p>After: favouring</p>	✓
		5. Use of Homophones	<p>Before:</p> <p>After:</p>	
3.	Puntuaction	7.Punctuation Usage	Before:	✓

			1. ...no longer a distant futuristic... 2. labor empathy, After: 1. ...no longer a distant, futuristic... 2. labor: empathy,	
		8.Use of Quotation Marks	Before: JPMorgans After: JPMorgan's	✓
4.	Consistency	9.Term Consistency	Before: AI After: Artificial Intelligence	✓
5.	Clarity	10.Content Relevance	Before: After:	

Tabel 4.11

Document checklist

Students 11

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: AI systems has been integrated into dairy After: AI systems have been integrated into dairy Based on the result of “Grammarly checking” it helps to check verb and subject agreement.	✓
		2. Active/Passive Usage	Before: After:	
		3. Use of Conjunctions	Before: diseases symptoms appear After: diseases before symptoms appear	✓
2.	Spelling	4. Spelling Errors	Before: technological After: Technological	✓

		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	<p>Before:</p> <ol style="list-style-type: none"> 1. ...techniques including yield optimisation... 2. ...real-time monitoring are made possible... 3. Advancements 4. systems <p>After:</p> <ol style="list-style-type: none"> 1. ...techniques, including yield optimisation... 2. ...real-time monitoring, are made possible... 3. advancements, 4. systems, 	✓
		8.Use of Quotation Marks	Before: AIs After: AI's	✓
4.	Consistency	9.Term Consistency	Before: After:	
5.	Clarity	10.Content Relevance	<p>Before:</p> <ol style="list-style-type: none"> 1. In order to tackle this... 2. technological advancements like automated tractors, drones, soil sensors, and intelligent irrigation systems are already being actively used by 	✓

			<p>farms all over the world (Bannerjee et al., 2018).</p> <p>3. diseases before symptoms appear, these technologies lower animal mortality and boost the effectiveness of milk production.</p> <p>After:</p> <p>1. To tackle this...</p> <p>2. Technological advancements, such as automated tractors, drones, soil sensors, and intelligent irrigation systems, are already being actively used by farms all over the world (Bannerjee et al., 2018).</p> <p>3. Diseases that occur before symptoms appear are addressed by these technologies, which lower animal mortality and enhance the effectiveness of milk production.</p>	
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Tabel 4.12

Document checklist

Students 12

No.	Indicators	Sub-Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	<p>Before:</p> <ol style="list-style-type: none"> 1. ...achievement with on many aspects... 2. ...that enables manipulation of videos,... <p>After:</p> <ol style="list-style-type: none"> 1. ...achievement in many aspects... 2. ...that enables the manipulation of videos,... 	✓
		2. Active/Passive Usage	<p>Before: Privacy becomes increasingly difficult to maintain when AI technology is used by large companies to understand user preferences and manipulate their decisions through highly personalized algorithms.</p> <p>After: Large companies use AI technology to understand user preferences and manipulate their decisions through highly personalized algorithms, making privacy increasingly difficult to maintain."</p>	✓
		3. Use of Conjunctions	<p>Before:</p> <ol style="list-style-type: none"> 1. a global society, 2. ...human rights and safety. <p>After:</p> <ol style="list-style-type: none"> 1. As a global society, 2. ...hum 	✓

			an rights or safety.	
2.	Spelling	4. Spelling Errors	Before: 1. human-cantered 2. cyber-attacks, 3. logic After: 1. human-centred 2. cyberattacks, 3. Logic	✓
		5. Use of Homophones	Before: After:	
3.	Puntuaction n	7.Punctuation Usage	Before: management After: management,	✓
		8.Use of Quotation Marks	Before: Societys After: Society's	✓
4.	Consistenc y	9.Term Consistency	Before: After:	
5.	Clarity	10.Content Relevance	Before: ...intelligence (AI) has the ability to either worsen... After: ...intelligence (AI) can either worsen...	✓

Tabel 4.13

Document checklist

Students 13

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: ecommendation systems has revolutionized After: ecommendation systems have revolutionized	✓

		2. Active/Passive Usage	Before: After:	
		3. Use of Conjunctions	Before: quality of care also contributes After: quality of care but also contributes	✓
2.	Spelling	4. Spelling Errors	Before: 1. Intelegence 2. real-wordl 3. diag nostic After: 1. Intelligence 2. real-world 3. diagnostic	✓
		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	Before: ...progress and skill while detractors... After: ...progress and skill, while detractors...	✓
		8.Use of Quotation Marks	Before: After:	
4.	Consistency	9.Term Consistency	Before: After:	
5.	Clarity	10.Content Relevance	Before: ...applications, and future prospects. After: ...applications, and prospects.	✓

Tabel 4.14

Document checklist

Students 14

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before:	✓

			<ol style="list-style-type: none"> 1. ...assistance specialists identify maladies... 2. ...analyzing restorative pictures like... 3. ...assistance specialists oversee persistent... 4. ...utilize AI to get it a... 5. ...coordinate the student's... <p>After:</p> <ol style="list-style-type: none"> 1. ...assistance to specialists identify maladies... 2. ...analyzing diagnostic pictures like... 3. ...assistance to specialists to oversee persistent... 4. ...utilize AI to tailor it a... 5. ...coordinate with the student's... 	
		2. Active/Passive Usage	<p>Before: Diseases can be diagnosed faster and more accurately by AI, and new drugs can be developed by it on its own</p> <p>After: AI can help diagnose diseases faster and more accurately and develop new drugs on its own.</p>	✓

		3. Use of Conjunctions	Before: ...difference specialists make speedy... After: ...difference because specialists make speedy...	✓
2.	Spelling	4. Spelling Errors	Before: 1. instruction 2. makes After: 1. Instruction 2. make	✓
		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	Before: 1. AI with its potential benefits also poses various... 2. provide information After: 1. AI, with its potential benefits, also poses various... 2. provide information,	✓
		8.Use of Quotation Marks	Before: doesnt After: doesn't	✓
4.	Consistency	9.Term Consistency	Before: After:	
5.	Clarity	10.Content Relevance	Before: 1. In daily life, AI is provided in the form of virtual assistants that help organize schedules, provide	✓

			<p>information, and maintain information.</p> <p>2. For illustration, within the therapeutic field, AI can offer assistance specialists identify in maladies such as cancer or pneumonia by analyzing restorative pictures like X-rays or MRIs.</p> <p>After:</p> <p>1. In daily life, AI is provided in the form of virtual assistants that help organise schedules, provide information, and maintain information it.</p> <p>2. For illustration, within the therapeutic field, AI can assist specialists in identifying maladies such as cancer or pneumonia by analyzing diagnostic images</p>	
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			like X-rays or MRIs.	
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Tabel 4.15
Document checklist

Students 15

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	<p>Before:</p> <ol style="list-style-type: none"> 1. ...like lesson arranging and evaluating... 2. ...among people counting over-reliance... 3. ...learning results, increment the ampleness... 4. ...instruction, and give much superior... 5. ...advance, survey person learning inclinations... <p>After:</p> <ol style="list-style-type: none"> 1. ...like lesson planning and evaluating... 2. ...among people is growing over-reliance... 3. ...learning results, increase the ampleness... 4. ...instruction, and provide much superior... 5. ...advance, survey a person learning inclinations... 	✓
		2. Active/Passive Usage	Before: Several ethical questions are presented by the application of AI in	✓

			education despite the possible advantages. After: The application of AI in education presents several ethical questions despite the possible advantages.	
		3. Use of Conjunctions	Before: social, infrastructure issues.... After: social, and infrastructure issues...	✓
2.	Spelling	4. Spelling Errors	Before: 1. contentius 2. fitness After: 1. contentious 2. fitness	✓
		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	Before: student After: student.	✓
		8.Use of Quotation Marks	Before: teachers After: teachers'	✓
4.	Consistency	9.Term Consistency	Before: understudy After: student	✓
5.	Clarity	10.Content Relevance	Before: 1. ...assist each individual student 2. Overall, AI has the capacity to move forward... After: 1. ...assist each student. 2. Overall, AI to can move forward...	✓

Tabel 4.16**Document checklist**

Students 16

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: AI have helped automate tasks... After: AI has helped automate tasks...	✓
		2. Active/Passive Usage	Before: After:	
		3. Use of Conjunctions	Before: the global digital transformation, its use must After: the global digital transformation, but its use must	✓
2.	Spelling	4. Spelling Errors	Before: 1. Intelligenci 2. human-centered After: 1. Intelligence 2. human-centred.	✓
		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	Before: work After: work,	✓
		8.Use of Quotation Marks	Before: whats After: what's	✓
4.	Consistency	9.Term Consistency	Before: After:	
5.	Clarity	10.Content Relevance	Before: ...transformation, but its use must follow... After: ...transformation. However, its use must follow...	✓

Tabel 4.17**Document checklist**

Students 17

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	<p>Before:</p> <ol style="list-style-type: none"> 1. ...rates and raise the possibility... 2. ...writing, such grammar, spelling,... <p>After:</p> <ol style="list-style-type: none"> 1. ...rates and increase the possibility... 2. ...writing, such as grammar, spelling,... 	✓
		2. Active/Passive Usage	<p>Before: Since many workers can be replaced by more efficient machines, the employment of assembly lines and robots in the industrial process currently generates contentious debates regarding job elimination.</p> <p>After: Many efficient machines can replace workers, causing contentious debates regarding job elimination due to the employment of assembly lines and robots in the industrial process.</p>	✓
		3. Use of Conjunctions	<p>Before: convenience. Even as we welcome</p> <p>After: convenience. But even as we welcome</p>	✓

2.	Spelling	4. Spelling Errors	Before: labor After: labour	✓
		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	Before: 1. ...work and play and encouraging... 2. ...is widely used since the next... 3. ...hypothesis, Acemoglu & Restrepo... After: 1. ...work and play, and encouraging... 2. ...is widely used, since the next... 3. ...hypothesis, Acemoglu & Restrepo...	✓
		8.Use of Quotation Marks	Before: students After: students'	
4.	Consistency	9.Term Consistency	Before: After:	
5.	Clarity	10.Content Relevance	Before: These robots are able to carry out repetitive... After: These robots can carry out repetitive...	✓

Tabel 4.18

Document checklist

Students 18

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	Before: 1. ...contributed greatly in	✓

			<p>enhancing the...</p> <p>2. ...education along the level of...</p> <p>3. ...2024) found out that secondary...</p> <p>4. ...engagement will lessen because of...</p> <p>After:</p> <p>1. ...contributed greatly to enhancing the...</p> <p>2. ...education at the level of...</p> <p>3. ...2024) found that secondary...</p> <p>4. ...engagement will be lessened because of...</p>	
		2. Active/Passive Usage	<p>Before:</p> <p>After:</p>	
		3. Use of Conjunctions	<p>Before: and Canva. There is increasing</p> <p>After: and Canva. As there is increasing</p>	✓
2.	Spelling	4. Spelling Errors	<p>Before:</p> <p>1. aspect</p> <p>2. Ai</p> <p>3. penomena</p> <p>After:</p> <p>1. aspects</p> <p>2. AI</p> <p>3. phenomena</p>	✓
		5. Use of Homophones	<p>Before:</p> <p>After:</p>	
3.	Puntuaction	7.Punctuation Usage	<p>Before:</p> <p>1. ...analytical engine' which assisted in...</p> <p>2. ...advancements and AI started...</p>	✓

			3. ...the students needs, 4. ...social ethics which include: possible... 5. ...in education After: 1. ...analytical engine', which assisted in... 2. ...advancements, and AI started... 3. ...the students needs. 4. ...social ethics, which include: possible... 5. ...in education,	
		8.Use of Quotation Marks	Before: 1. 'analytical engine 2. students After: 1. 'analytical engine' 2. Students'	✓
4.	Consistency	9.Term Consistency	Before: After:	
5.	Clarity	10.Content Relevance	Before: 1. ...education systems at the present time. 2. ...rely on our own judgment,... After: 1. ...education systems at present. 2. ...rely on our judgment,...	✓

Tabel 4.19

Document checklist

Students 19

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1.Sentence Structure	<p>Before:</p> <ol style="list-style-type: none"> 1. ...that make the decisions in order to... 2. ...assistants of Alexa and Siri... 3. ...as well and to commerce. 4. ...innovation in both healthcare and transportation... <p>After:</p> <ol style="list-style-type: none"> 1. ...that make decisions in order to... 2. ...assistants like Alexa and Siri... 3. ...as well and commerce. 4. ...innovation in both the healthcare and transportation... 	✓
		2. Active/Passive Usage	<p>Before:</p> <p>After:</p>	
		3. Use of Conjunctions	<p>Before: drive economic social growth</p> <p>After: drive economic and social growth</p>	✓
2.	Spelling	4. Spelling Errors	<p>Before:</p> <ol style="list-style-type: none"> 1. ben 2. researcers <p>After:</p> <ol style="list-style-type: none"> 1. been 	✓

			2. researchers	
		5. Use of Homophones	Before: After:	
3.	Punctuation	7. Punctuation Usage	Before: ...to education transportation as well as... After: ...to education, transportation as well as...	✓
		8. Use of Quotation Marks	Before: AIs After: AI's	✓
4.	Consistency	9. Term Consistency	Before: After:	
5.	Clarity	10. Content Relevance	Before: ...sensors or through data streams... After: ...sensors or data streams...	✓

Tabel 4.20

Document checklist

Students 20

No.	Indicators	Sub- Indicators	Description	Ceklis
1.	Grammar	1. Sentence Structure	Before: ...human language at the point where... After: ...human language to the point where...	✓
		2. Active/Passive Usage	Before: After:	
		3. Use of Conjunctions	Before: privacy violations, broad After: privacy violations, and broad	✓
2.	Spelling	4. Spelling Errors	Before: 1. behavior 2. varius After: 1. behaviour	✓

			2. various	
		5. Use of Homophones	Before: After:	
3.	Puntuaction	7.Punctuation Usage	Before: 1. ...understanding creating, and responding... 2. ...aspects of life which has brought... 3. AI-created content such as deepfakes... After: 1. ...understanding, creating, and responding... 2. ...aspects of life, which has brought... 3. AI-created content, such as deepfakes...	✓
		8.Use of Quotation Marks	Before: After:	
4.	Consistency	9.Term Consistency	Before: After:	
5.	Clarity	10.Content Relevance	Before: ...potential in order to envision a... After: ...potential to envision a...	✓

APPENDICES 2

Table 4. 21

The Result of Interview

The first respondent

Aspect of accuracy		Student opinion
Grammar	Sentence Structure	Yes, Grammarly helps in rearranging sentence structures by directly providing options or suggestions for improvement. For example, sometimes there are sentences where the verb usage is incorrect.
	Active vs. Passive Voice	Yes, Grammarly also provides an option if the essay sentence written uses passive voice when it should use active voice.
	Use of Conjunctions	Yes, as far as I use Grammarly, Grammarly is very helpful in using conjunctions, because I often forget or use words that should be and or or incorrectly, such as but.
spelling	Spelling error	Yes, Grammarly is very helpful in correcting spelling, because every time you write an essay there are bound to be typos or missing letters, so after putting it in Grammarly it really helps or fixes it.
	homophone	Yes and no, because the homophone part has been fixed but that happens very rarely so more often than not
Punctuation	General punctuation	Yes, Grammarly helps correct or fix incorrect punctuation, such as missing periods or commas.

		Grammarly immediately provides the correct option.
	Writing style	Yes, Grammarly also helps improve writing styles, such as essays that are generally formal, but sometimes when writing an essay, informal sentences slip in, so when you enter them into Grammarly, they are immediately corrected to make them all formal.
Consistency	Terms and terminology	Yes, Grammarly does not change certain terms that are already appropriate from the beginning of the essay to the end of the essay.
Clarity	Relevance of information	Yes, Grammarly helps in maintaining relevant information from the beginning to the end of the essay or sometimes it is corrected so that the information conveyed does not deviate from the information that is intended to be conveyed.
	Simple language	Yes, often when writing essays, we take sentences from journals or GPT chats which are sometimes difficult to understand. After entering them, Grammarly immediately suggests simpler or easier to understand language.
	Focus paragraph	Yes, so far using Grammarly has really helped in writing essays to be neater, structured, clear and good.

Tabel 4. 22
The Result of Interview
The second respondent

Aspect of accuracy		Student opinion
Grammar	Sentence Structure	Yes, Grammarly is very helpful in improving sentence structure because it provides clear suggestions. For example, I often find errors in the use of verbs and articles.
	Active vs. Passive Voice	Yes, Grammarly gives me an option when I write in passive voice, when I should be using active voice.
	Use of Conjunctions	Yes, during my time using Grammarly, I found it very helpful in choosing the right conjunctions, because I often forget to use certain conjunctions.
spelling	Spelling error	Yes, Grammarly is very effective at correcting spelling, as I often make typos when writing essays. Grammarly can correct many of these errors.
	homophone	Yes and no, because while Grammarly sometimes fixes homophones, it doesn't always do so.
Punctuation	General punctuation	Yes, Grammarly helps correct punctuation errors, such as missing periods or commas, thus providing accurate options.
	Writing style	Yes, Grammarly does not change the terms I use consistently from the beginning to the end of the essay.

Consistency	Terms and terminology	Yes, Grammarly helps ensure that the information presented remains relevant throughout the essay, as well as correcting any deviations.
Clarity	Relevance of information	Yes, Grammarly helps keep information relevant throughout the essay and corrects any deviations.
	Simple language	Yes, often when writing essays, I use sentences or quote from journals, ChatGPT, or articles that are difficult to understand. Grammarly suggests simpler language.
	Focus paragraph	Yes, by using Grammarly, my essay writing has become more organized, clear, and better.

Tabel 4. 23

The Result of Interview

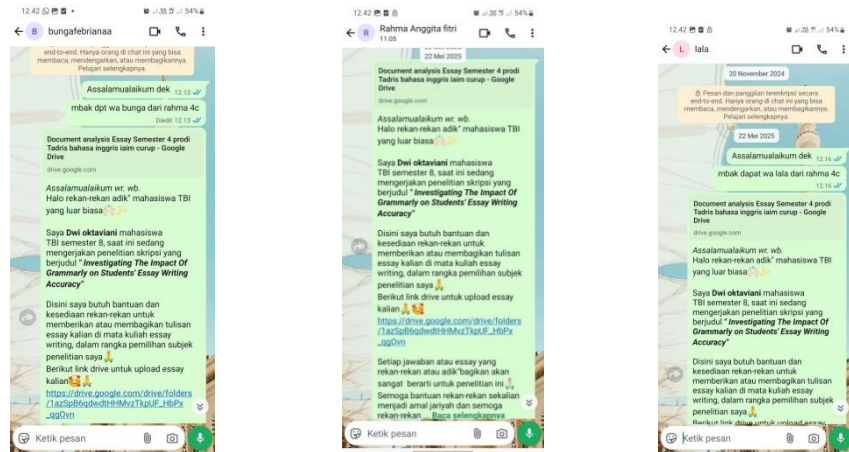
The third respondent

Aspect of accuracy		Student opinion
Grammar	Sentence Structure	Yes, using Grammarly is very useful in improving sentence structure to make it clearer and more precise.
	Active vs. Passive Voice	Yes and No, because Grammarly cannot always accurately determine when it is best to use the active or passive form, depending on the purpose of the writing.
	Use of Conjunctions	Yes, Grammarly is effective in correcting spelling, helping to

		identify common mistakes while writing.
spelling	Spelling error	Yes, Grammarly is effective in correcting spelling, helping to identify common mistakes while writing.
	homophone	No, because the correct choice of homophone is highly context-dependent and may not always be recognized by Grammarly.
Punctuation	General punctuation	Yes, Grammarly helps correct punctuation errors, ensuring proper usage in every sentence.
	Writing style	Yes, Grammarly also improves the quality of writing style, maintaining formality in academic writing.
Consistency	Terms and terminology	Yes, Grammarly does not change the technical terms that have been defined in the text, maintaining the consistency of the terms.
Clarity	Relevance of information	Yes, Grammarly helps ensure that the information conveyed remains relevant and contextual.
	Simple language	Yes, Grammarly suggests using more understandable language, helping in conveying ideas clearly.
	Focus paragraph	Yes, using Grammarly makes writing more organized, well-structured, and easy to understand.

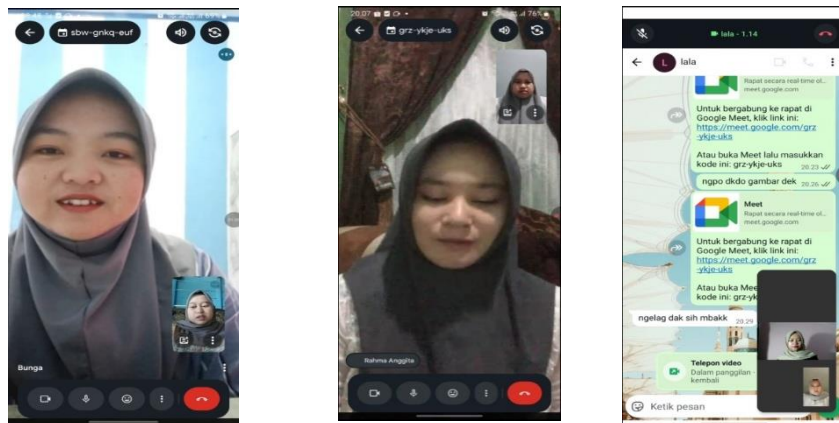
APPENDICES 3

DOCUMENTATION




APPENDICES 4

DOCUMENTAION INTERVIEW



APPENDICES 5

SK PEMBIMBING



KEMENTERIAN AGAMA REPUBLIK INDONESIA
INSTITUT AGAMA ISLAM NEGERI CURUP
FAKULTAS TARBIYAH

Alamat : Jalan DR. A.K. Gani No 1 Kotak Pos 108 Curup-Bengkulu Telpn. (0732) 21010
 Fax. (0732) 21010 Homepage <http://www.iaincurup.ac.id> E-Mail : admin@iaincurup.ac.id

Nomor : 3004 Tahun 2025

Tentang
PENUNJUKAN PEMBIMBING I DAN II DALAM PENULISAN SKRIPSI
INSTITUT AGAMA ISLAM NEGERI CURUP

Menimbang	: a. Bahwa untuk kelancaran penulisan skripsi mahasiswa, perlu ditunjuk dosen Pembimbing I dan II yang bertanggung jawab dalam penyelesaian penulisan yang dimaksud ; b. Bahwa saudara yang namanya tercantum dalam Surat Keputusan ini dipandang cakap dan mampu serta memenuhi syarat untuk diserahi tugas sebagai pembimbing I dan II ;
Mengingat	: 1. Undang-Undang Nomor 20 tahun 2003 tentang Sistem Pendidikan Nasional ; 2. Peraturan Presiden RI Nomor 24 Tahun 2018 tentang Institut Negeri Islam Curup; 3. Peraturan Menteri Agama RI Nomor : 30 Tahun 2018 tentang Organisasi dan Tata Kerja Institut Agama Islam Negeri Curup; 4. Keputusan Menteri Pendidikan Nasional RI Nomor 184/U/2001 tentang Pedoman Pengawasan Pengendalian dan Pembinaan Program Diploma, Sarjana dan Pascasarjana di Perguruan Tinggi; 5. Keputusan Menteri Agama RI Nomor 019558/H.II/3/2022, tanggal 18 April 2022 tentang Pengangkatan Rektor IAIN Curup Periode 2022 - 2026. 6. Keputusan Direktur Jenderal Pendidikan Islam Nomor : 3514 Tahun 2016 Tanggal 21 oktober 2016 tentang Izin Penyelenggaraan Program Studi pada Program Sarjana STAIN Curup 7. Keputusan Rektor IAIN Curup 0704/In.34/R/KP.07.6/09/2023 tanggal 29 September 2023 tentang Pengangkatan Dekan Fakultas Tarbiyah Institut Agama Islam Negeri Curup.
Memperhatikan	: 1. Permohonan Saudara Dwi Oktaviani tanggal 28 April 2025 dan kelengkapan persyaratan pengajuan SK Pembimbing Skripsi 2. Berita Acara Seminar Proposal Pada Hari Jumat, 7 Maret 2025

MEMUTUSKAN :


Menetapkan Pertama	: 1. Dr. Eka Apriani, M.Pd 2. Meli Fauziah, M.Pd	19900403 201503 2 005 19940523 202012 2 003
---------------------------	---	--

Dosen Institut Agama Islam Negeri (IAIN) Curup masing-masing sebagai Pembimbing I dan II dalam penulisan skripsi mahasiswa :

N A M A	: Dwi Oktaviani
N I M	: 21551013
JUDUL SKRIPSI	: Investigating the Impact of Grammarly on Students' Essay Accuracy

Kedua	: Proses bimbingan dilakukan sebanyak 12 kali pembimbing I dan 12 kali pembimbing II dibuktikan dengan kartu bimbingan skripsi ;
Ketiga	: Pembimbing I bertugas membimbing dan mengarahkan hal-hal yang berkaitan dengan substansi dan konten skripsi. Untuk pembimbing II bertugas dan mengarahkan dalam penggunaan bahasa dan metodologi penulisan ;
Keempat	: Kepada masing-masing pembimbing diberi honorarium sesuai dengan peraturan yang berlaku ;
Kelima	: Surat Keputusan ini disampaikan kepada yang bersangkutan untuk diketahui dan dilaksanakan sebagaimana mestinya ;
Keenam	: Keputusan ini berlaku sejak ditetapkan dan berakhir setelah skripsi tersebut dinyatakan sah oleh IAIN Curup atau masa bimbingan telah mencapai 1 tahun sejak SK ini ditetapkan ;
Ketujuh	: Apabila terdapat kekeliruan dalam surat keputusan ini, akan diperbaiki sebagaimana mestinya sesuai peraturan yang berlaku ;

Ditetapkan di Curup,
 Pada tanggal 28 April 2025


Sutarto

Tembusan :

1. Rektor
2. Bendahara IAIN Curup;
3. Kabag Akademik kemahasiswaan dan kerja sama;
4. Mahasiswa yang bersangkutan;

APPENDICES 6

SK PENELITIAN



KEMENTERIAN AGAMA REPUBLIK INDONESIA
INSTITUT AGAMA ISLAM NEGERI CURUP
FAKULTAS TARBIYAH

Jln. Dr. AK Gani No.01 Kotak Pos 108 Telp. (0732) 21010-21759 Fax.21010
Homepage: <http://www.iaincurup.ac.id> Email: admin@iaincurup.ac.id Kode Pos 39119

Nomor : 567 /In.34/FT/PP.00.9/06/2025
Lampiran : Proposal dan Instrumen
Hal : Permohonan Izin Penelitian

2 Juni 2025

Kepada Yth. **Rektor IAIN Curup**

Assalamualaikum Wr, Wb

Dalam rangka penyusunan skripsi S.1 pada Institut Agama Islam Negeri Curup :

Nama : Dwi Oktaviani
NIM : 21551013
Fakultas/Prodi : Tarbiyah / TBI
Judul Skripsi : Investigating the Impact of Grammarly on Students' Essay Writing Accuracy
Waktu Penelitian : 2 Juni 2025 s.d 2 September 2025
Lokasi Penelitian : IAIN Curup

Mohon kiranya Bapak berkenan memberi izin penelitian kepada Mahasiswa yang bersangkutan.

Demikian atas kerjasama dan izinnya diucapkan terimakasih

a.n Dekan
Wakil Dekan I


Dr. Sakut Aneshon, S.Pd.I., Hum
NIP. 198110202006041002

Tembusan : disampaikan Yth :

1. Rektor
2. Warek 1
3. Ka. Biro AUAK
4. Arsip

APPENDICES 7

SURAT KETERANGAN VALIDASI

SURAT KETERANGAN VALIDASI


Yang bertanda tangan dibawah ini, selaku validator instrument lembar interview dan lembar analisis dokumen menerangkan bahwa:

Nama : Dwi Oktaviani
Nim : 21551013
Program Studi : Tadris Bahasa Inggris
Judul Skripsi : **Investigating The Impact of Grammarly on Students' Essay Writing Accuracy**

Setelah memeriksa dan mencermati instrument penelitian, maka instrument berupa lembar interview dan lembar analisis dokumen tersebut dinyatakan telah memenuhi validitas isi dan layak digunakan untuk penelitian.

Demikian surat keterangan ini dibuat untuk dipergunakan sebagaimana mestinya

Curup, Juni 2025
Validator


Masita Arianie, M.Pd.
NIP: 199103122025212009

APPENDICES 8

SURAT KETERANGAN RETER

SURAT KETERANGAN RETER

Yang bertanda tangan dibawah ini:

Nama : Masita Arianie, M.Pd

Instansi : IAIN Curup

Jabatan : Dosen

Telah membaca hasil olah data berupa lembar analisis dokumen yang akan digunakan dalam menjawab penelitian skripsi dalam judul "Investigating The Impact of Grammarly on Students' Essay Writing Accuracy" oleh peneliti:

Nama : Dwi Oktaviani

Nim : 21551013

Program Studi : Tadris Bahasa Inggris

Setelah memperhatikan instrument yang telah dibuat, maka masukan untuk instrumen tersebut adalah:

Instrument harus dirancang berdasarkan teori yang kuat dan dibuat dengan bahasa yang jelas agar tidak menimbulkan makna yang ambigu.

Curup, Juli 2025
Reter


Masita Arianie, M.Pd.
NIP: 199103122025212009

APPENDICES 9

HASIL TURNITIN

Skripsi Dwi

ORIGINALITY REPORT

11 %
SIMILARITY INDEX

10 %
INTERNET SOURCES

3 %
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2 %
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PRIMARY SOURCES

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10	www.focusonelt.com Internet Source	<1 %

APPENDICES 10

BIOGRAPHY



Dwi Oktaviani, who usually called as Via, was born in Karang Jaya Village on October 10th 2002. Her father is Sanan and her mother is

Heri Widastuti. She finished her study Elementary School at SD N 01 Muara Kelingi, and graduated in 2015. Then, decided to put his foot into next school at Junior High School at SMP N 19 Rejang Lebong and finished in 2018. After that, she continued her education journey at Senior High School at SMK N 7 Rejang Lebong and finally, she graduated in 2021. Then, she decided entering Institute College for Islamic Studies (IAIN) Curup and chose English Study Program as her faculty. Alhamdulillah She graduated her study in 2025.