QuillBot Grammar Checker: The Ability to Evaluate Students' Writing Errors of English Essay

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Abstract— This research simulates the use of QuillBot Grammar Checker in assessing students' writing errors in English essays. This research is descriptive qualitative. QuillBot announces the availability and accessibility of a new grammar checker. QuillBot's grammar checker can help users (teachers/lecturers) check writing errors in grammar, punctuation, and spelling. The analysis shows that two examples of students' essays are evaluated by QuillBot Premium. The 1st student's essay shows 209 words with 21 errors. It consists of grammatical errors (word class) such as nouns, pronouns, prepositions, conjunctions, and adjectives. The 2nd student's essay shows 161 words with 20 errors. It consists of grammatical errors (word class) such as nouns, pronouns, prepositions, conjunctions, adjectives, and interjections. Users can choose two options (replace or ignore). Replace means change the error words, while ignore means keep maintaining the words In using QuillBot, users type Quillbot in the Google search engine, log in if needed, several menus will appear, and click Grammar Checker. Write or copy the English essay that we want to check. Errors in writing will appear with red underlines completed by many words and the number of errors in an essay. If we want to click repair, select Fix All Errors. QuillBot utilizes Artificial Intelligence (AI) to automatically scan text for grammatical, punctuation, spelling, punctuation, and capitalization issues, highlighting them and allowing users to correct them individually or in bulk with a single click. Teachers/lecturers can use corrective evaluations by using QuillBot as an alternative online tool besides the popularity of Grammarly. Regarding the accuracy level of using QuillBot in evaluating students' writing errors, it may need to be improved. However, other online grammar check applications can be considered and tried besides evaluation manually.

Keywords: *error analysis, evaluation, grammar checker, writing, QuillBot*

1. INTRODUCTION

Writing is undeniably crucial for communicating with people worldwide. However, its importance is closely tied to the reality that writing is one of the most challenging aspects of language proficiency (Rakhmanina & Serasi, 2022). Writing English is an important aspect of our everyday lives, from company marketing to personal expression. We are always writing, and because man is prone to error, we frequently make errors, especially in grammar. Grammar is the rules of a language (Mart, 2013). It is undeniable that the ability to master foreign languages, especially English, has an important role today (Fitria, 2022b). No wonder, if many people want to master English for various needs, especially business matters.

The ability to write effectively is an important aspect of higher education, especially in the context of academic writing. Good quality writing not only requires choosing the right words but also mastering correct grammar. Grammatical errors in writing can affect the clarity, credibility, and attractiveness of the writing, making it a significant challenge for students to produce quality written work. Grammar is important because it is the language that makes it possible for us to talk about the language (Subasini & Kokilavani, 2013). Many students may face various difficulties in terms of grammar, which can be caused by several factors. These include a lack of in-depth understanding of grammar rules, the habit of writing in the mother tongue which affects sentence structure in English, and limited writing experience. These difficulties often hinder students' ability to write clearly and effectively and can impact their overall academic results.

Grammar is an engaging, colorful, and critical component of language acquisition, but mastering it does not happen overnight. Even seasoned writers examine their work for grammatical errors. With internet resources at our fingertips, it's simple, quick, and frequently free to improve the language in our writings and projects. By incorporating grammar instruction into the revising and editing process, students may recognize the relevance of grammar to their writing. English grammar itself is an important thing that must be considered when writing in English. Especially if we write in English, so checking English grammar must be done properly by the writers. Several applications are available and may be suitable to be applied when writing activities (Kusuma, 2020).

As a result of technological improvement, online grammar checkers are destined to become popular among academics and researchers (Perdana & Farida, 2019). With more comprehensive capabilities

that aid in writing improvement, many people rely on these tools to finish their work. Online grammar checkers as the impact of technology development (Fitria, 2021b). Currently, many ways can be done, one of which is using an application to check English grammar. Grammatical errors from learners' writings can be checked automatically by using an AI-based online grammar checker program. Grammar checker apps identify grammatical errors and make contextually appropriate suggestions. Users can easily check for complex sentences, incorrect words, overused words, and spelling errors in all types of content written in multiple languages. Grammar checker applications are beneficial for enhancing the style and clarity of one's writing. Various artificial intelligence (AI)-based technologies have been developed, including online grammar checker tools. This innovation offers a practical solution to detect and correct grammatical errors in an efficient and accessible way in the form of online grammar checkers.

Online grammar checkers are web-based applications designed to check and correct grammatical errors in text. Using advanced technologies such as artificial intelligence and natural language processing, these tools can detect various errors in writing, including grammar, spelling, and punctuation. Common features of online grammar checkers include grammar checks to identify errors such as subject-verb mismatches and incorrect tense usage, spell correction to correct spelling errors, and punctuation refinement to ensure correct usage. In addition, these tools also offer tutoring suggestions to correct or enhance sentences to make them clearer, as well as vocabulary enrichment by providing alternative words or phrases to increase language variety. Some online grammar checkers also provide plagiarism detection to ensure the resulting content is original. Examples of these tools include Grammarly, Ginger Writer, PaperRater, After the Deadline, Online Grammar Checker, Beewriter, WhiteSmoke, Online Correction, Hemingway, Language Tool, ProWritingAid, EssayBot, QuillBot, GrammarCheck, Reverso, GradeProof Slick Write, and many more. All of these aim to help users, both students and professionals, improve the quality of their writing through constructive feedback and practical improvement suggestions. There Mammadova (2019) states that Grammar software plays a crucial role in language teaching. It is used when additional language teaching materials are required, that is when teachers cannot find what they need in textbooks (Day, 2018). They can be good tools for the rules learning and error correction method since they enable learners to do a

task and, then, correct the errors such as checking their spelling, grammar, and punctuation.

QuillBot and Grammarly are advanced grammar checkers that make use of machine learning and artificial intelligence to identify errors, eliminate superfluous words, and improve clarity. Other tools provide proofreading and grammar checking, like Quillbot and Grammarly. Grammarly and QuillBot are two such tools that aid users worldwide in improving their writing to make a favorable impression on clients. These tools provide support to businesses and organizations (Kim, 2021). Grammarly and QuillBot are distinguished by the fact that QuillBot employs SEO techniques, whilst Grammarly does not. Grammarly, on the other hand, is quite similar to QuillBot in terms of grammatical testing.

One of the prominent tools in this category is QuillBot, which is known for its advanced features in grammar checking, sentence reordering, and vocabulary enrichment. QuillBot offers significant benefits to students by providing instant feedback on grammatical errors and providing relevant improvement suggestions. This tool is expected to help students identify and correct their grammatical errors, thereby improving the overall quality of their writing. However, although QuillBot offers a variety of benefits, it is important to assess its effectiveness in the context of academic writing and evaluate whether the tool is having the expected positive impact.

There are many studies related to the use of online English grammar check applications. Cavaleri & Dianati (2016) state that students perceive Grammarly as useful and easy to use, and can improve their writing and understanding of grammar rules. Ghufron & Rosyida (2018) Grammarly has a considerable reduction in errors (indirect corrective feedback). It can be more effective in terms of reducing errors in word usage (diction), language usage, and writing mechanics. However, improving the substance and arrangement of students' EFL writing is less beneficial. Ariyanto et al., 2019) state that teachers and students viewed ProWritingAid enables students to identify, learn, and correct their errors using the application, as well as update their material via teacher feedback. It aided the instructor in saving time and reducing workload. Tarsan et al. (2021) state that Grammarly checks the students' narrative text writing for grammar errors, they are impressed with the application's ability to verify their work for grammar errors. It is similar to Fitria (2021c) who does similar research that Grammarly is a valuable tool for lecturers who need to correct the writing of non-EFL students. Grammarly will

automatically verify or detect the work you're typing based on a variety of factors. Grammarly's analyses revealed a variety of student writing faults, both in terms of correctness and clarity. Besides Grammarly as a grammar checker, there are also several studies have been conducted related to other online grammar checkers. Etemad, 2021) reveals trainees in translation who received automatic written correction feedback using WhiteSmoke increased their grammar accuracy in translation. As a result, translation trainers, language teachers, learners, and content developers may be impacted. Fitria (2022a) examines how QuillBot is utilized for paraphrasing students' scientific writing to prevent plagiarism. QuillBot serves as a tool for students to rewrite texts or as an alternative when manual paraphrasing is challenging. Nonetheless, students must thoroughly comprehend and review their writing to achieve more effective and higher-quality paraphrasing. Ho (2022) shows that QuillBot's grammar checker surpassed the other two software options in performance. Nonetheless, it is not flawless, and users should still manually review for any errors that might be missed and make decisions on whether to accept or reject suggestions. By employing the QuillBot grammar checker in their writing tasks, students help teachers save time on language error corrections and allow them to focus more on broader writing issues, such as content and organization. Amanda et al. (2023) indicate that students generally view Quillbot positively for enhancing their writing and recognize several useful benefits of the tool. This paper aims to enable students to utilize Quillbot in their English writing activities, ultimately leading to improved writing outcomes. Jaladara et al. (2023) reveal that QuillBot, as an online tool, has both positive and negative effects on students' academic writing. On the positive side, QuillBot helps students save time during the writing process, enhances their vocabulary, and assists with various aspects of academic writing such as complexity, objectivity, formality, and hedging. However, the negative effects include a tendency for students to become overly reliant on QuillBot, leading to reduced effort and less use of their own writing skills. Additionally, students faced challenges with QuillBot, such as poor network connectivity and unclear instructions for upgrading to the premium version. Baron et al. (2023) indicate that students gave some positive feedback. Many students are aware that the QuillBot application is a reliable tool for checking grammar, making it easier and more convenient for them to ensure their writing is free of grammatical errors. Consequently, the researcher concluded that using QuillBot is beneficial for enhancing students' grammar skills. Latifah et al. (2024) reveal that although users appreciate QuillBot's

ability to save time, there are concerns about its potential to foster overreliance and hinder the development of critical skills. QuillBot substantially improves writing quality and efficiency by identifying errors, paraphrasing content, and enhancing vocabulary. It also helps overcome language barriers and address plagiarism issues. However, its role as a supplementary tool rather than a replacement for independent writing and critical thinking was emphasized, with a warning against excessive dependence. Consequently, additional research is needed to explore its impact on academic performance, its effectiveness in various linguistic contexts, and its role in writing instruction.

Despite extensive research on various online grammar check applications like Grammarly, ProWritingAid, WhiteSmoke, and QuillBot, there remains a significant gap in understanding QuillBot's specific impact on assessing and improving students' writing errors in English essays. Although studies such as Ho (2022) and Fitria (2022a) compare QuillBot with other tools, a detailed comparison of QuillBot's unique effectiveness in error correction across different writing issues, relative to its competitors, remains lacking. Furthermore, while research by Latifah et al. (2024) raises concerns about potential overreliance on QuillBot and its effect on critical skill development, there is limited investigation into how QuillBot specifically influences the enhancement of critical thinking and independent writing skills in academic settings. Additionally, while QuillBot's benefits in grammar correction and vocabulary enhancement have been documented (e.g., Amanda et al., 2023), there is a need for research exploring its performance across various linguistic contexts and proficiency levels, particularly among non-native English speakers. Longitudinal studies on the long-term impact of QuillBot on academic performance and writing proficiency are also scarce, leaving a gap in understanding its effects over time. Finally, while existing literature highlights both positive and negative user experiences (e.g., Jaladara et al., 2023; Baron et al., 2023), there is a need to explore how QuillBot can be effectively integrated into writing instruction and feedback processes to maximize its benefits while addressing potential drawbacks. This research seeks to fill these gaps by providing a comprehensive evaluation of QuillBot's effectiveness in assessing and improving students' English essay writing and offering new insights into its role in academic writing instruction. This study aims to evaluate the use of QuillBot in assessing and improving students' written English grammar results. The main focus of this research is to understand the

extent to which QuillBot is effective in detecting grammatical errors and providing useful suggestions to students. By providing insight into the use of QuillBot in checking grammar, it is hoped that this research can contribute to the development of more effective learning strategies and tools to improve the quality of student writing.

2. LITERATURE REVIEW
QuillBot Grammar Checker

QuillBot is a 2017 tool created by Rohan Gupta. QuillBot rewrites material using machine learning and Artificial Intelligence (AI). QuillBot is a piece of software that can be used to rewrite, paraphrase, summarize, and change the structure of sentences and paragraphs. QuillbBot is a useful solution whether you're producing new material for your website, writing a school paper, or summarizing articles. It is available through a web browser and Word, Chrome, and Google Docs add-ons. QuillBot application provides a variety of free features to make it easier for users to write. Starting from a grammar checker, paraphrasing, summarizing, to making citations (Fitria, 2021c).
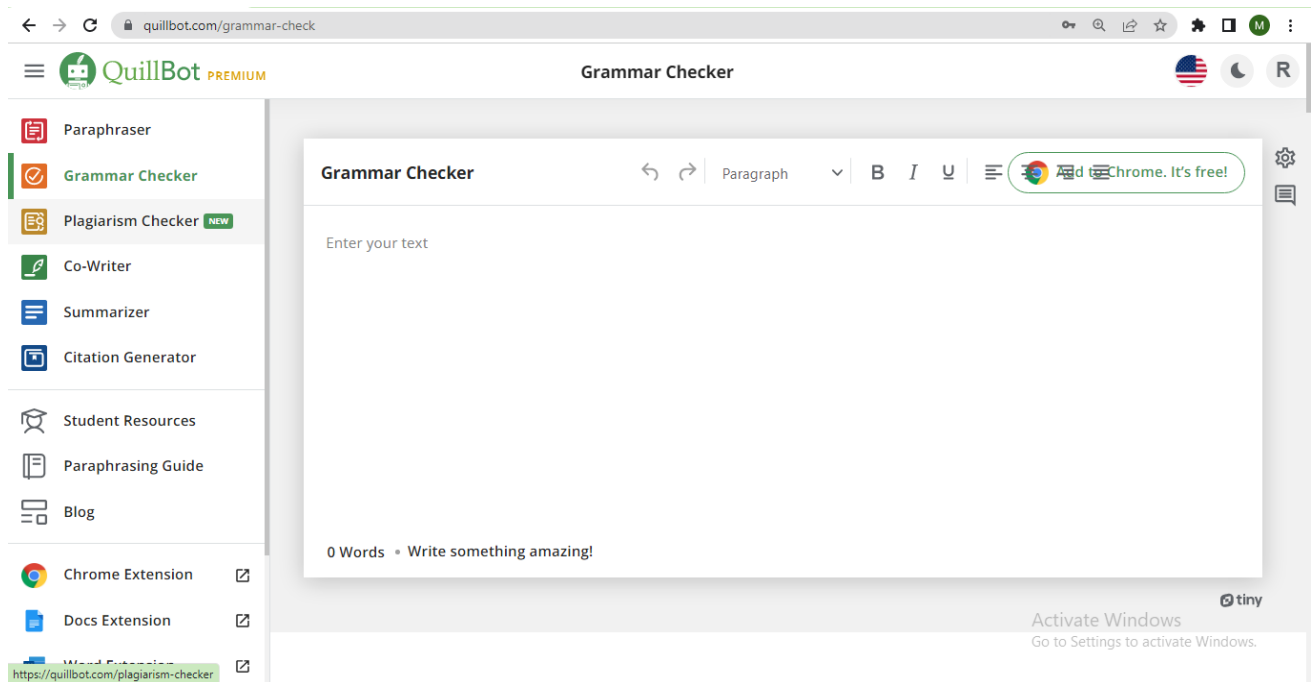
QuillBot is based on an AI writing platform, equipped with tools to assist users in communicating their ideas, improving the clarity and fluency of their writing, polishing work for content and grammar, analyzing writing for key points, comparing and contrasting reference materials, and more. The startup was created in 2017 by three computer science students, Rohan Gupta, Anil Jason, and David Silin, to remove the agony associated with writing. QuillBot is driven by powerful artificial intelligence (AI) technology that automatically reviews and refines textual communication via the use of natural language processing (NLP). Each month, over 5 million users use QuillBot to improve their writing abilities and convey a more captivating message.

QuillBot is an AI-driven platform that offers writing assistance by presenting alternative sentence structures and vocabulary in a side-by-side format

(Duncanson, 2024). QuillBot is an intuitive tool designed to streamline the paraphrasing of text using advanced technology. Its primary goal is to rephrase sentences by adjusting their structure and incorporating synonyms when necessary while maintaining the original meaning. QuillBot provides both free and premium versions to cater to various user needs. Users of the free version can only access the Standard and Fluency writing styles, whereas premium users benefit from additional editing options, including Formal, Academic, Simple, Creative, Expand, and Shorten modes (Yoandita & Hasnah, 2024). Writers can input their text and observe changes according to different modes, which QuillBot refers to as writing styles. Furthermore, with a premium account, users can access a custom writing mode that allows for personalized variations in writing style.

QuillBot is a web-based application for paraphrasing and summarizing any text. QuillBot's AI-powered technology ensures that the tone, meaning, and flow of writing are preserved even after paraphrasing. Additionally, users may utilize QuillBot's grammar checker to ensure that their content is free of errors in spelling, punctuation, and grammar. Users may simply check for complex phrases, improper terms, overused words, and spelling problems in a variety of forms of information written in a variety of languages. Grammar checker applications are beneficial for enhancing the style and clarity of one's writing.

Users may download the QuillBot app for Android and iOS. It is available with restricted functionality. Users may paraphrase up to 700 characters and summarize up to 5000 characters with QuillBot's free grammar checker software. It Supports operating systems including Windows, Mac, Android, and iOS, Office (Microsoft Word, Google Chrome, and Google Docs browser extensions). QuillBot has an intuitive layout, and the greatest thing is that users do not need to register an account to use the program.

Figure 1. The View of QuillBot Premium

The figure above shows that QuillBot premium consists of several uses such as Paraphraser, Grammar Checker, Plagiarism Checker, Co-Writer, Summarizer, and Citation Generator. QuillBot's characteristics include enhancement of vocabulary, a suggestion of a synonym, and content summarized in bullet points and paragraph form. Grammar Checker rectifies grammatical errors, corrects misspellings, and corrects punctuation errors.

The Grammar Checker helps users correct inaccuracies in the findings of the Paraphraser and Summarizer. The utility operates in the same manner as standard grammar correction software. It corrects problems in spelling, punctuation, and grammar. It also does not correct the outcomes of the other features. The Checker also functions as a word-processing environment, complete with customizable headers and stylistic capabilities. Additionally, it has all four orientations (left, center, right, justify). Additionally, the Fix All Errors button enables users to quickly correct all errors. Finally, users may export their work to Microsoft Word by clicking the Download menu in the bottom right-hand corner.

qualitatively. The method of collecting data in this research uses documents. Ary et al., 2018) state that qualitative research relies on fieldwork methods (interviewing, observation, and document and artifact analysis) as the principal means of collecting data. A document can be defined as any symbolic representation that can be recorded or retrieved for analysis (Altheide & Schneider, 2012). An example of a document used by using students' writing test of descriptive text. Here, the research analyses the students' writing essays by using QuillBot to assess writing errors.

The method of collecting data in this research uses three steps of qualitative analysis as proposed by (Miles et al., 2013; Miles & Huberman, 1994), they are data reduction, data display, and conclusion. In data reduction, this study seeks to obtain and collect important and necessary data to describe the conditions. In the display stage, the researcher summarizes the data that has been collected into pictures, tables, and graphs following what is obtained, then the results are described qualitatively to obtain research conclusions.

3. METHOD

This research employs descriptive qualitative. Qualitative research deals with data that are in the form of words pictures or other visuals and artifacts rather than numbers and statistics (Ary et al., 2018). So, the result analysis of this research is described

4. FINDINGS AND DISCUSSION
Findings

This research simulates the use of QuillBot Grammar Checker in assessing students' writing errors in English essays. The findings of this research can be seen below:
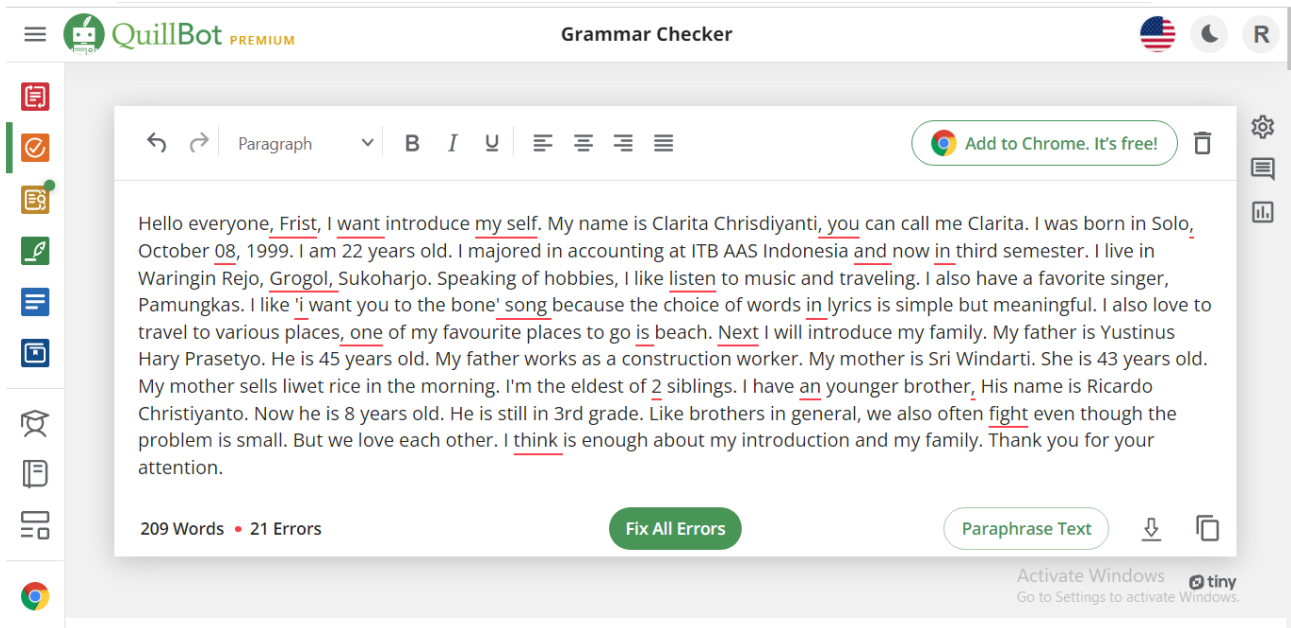
Figure 1. The Students' Writing Error Using QuillBot

Based on the figure above shows the students' writing errors by using QuillBot Grammar Checker. The errors are underlined in the red line. It shows there are several types of errors in grammatical errors in word classes such as nouns, pronouns, prepositions, conjunctions, and adjectives. Besides spelling and punctuation errors also happened. The paragraph above shows 209 words with 21 errors, such as "frist, want, my self, you, comma, 08, and, in, Grogol, listen, i, song, in, one, is, next, 2, an, fight, think".
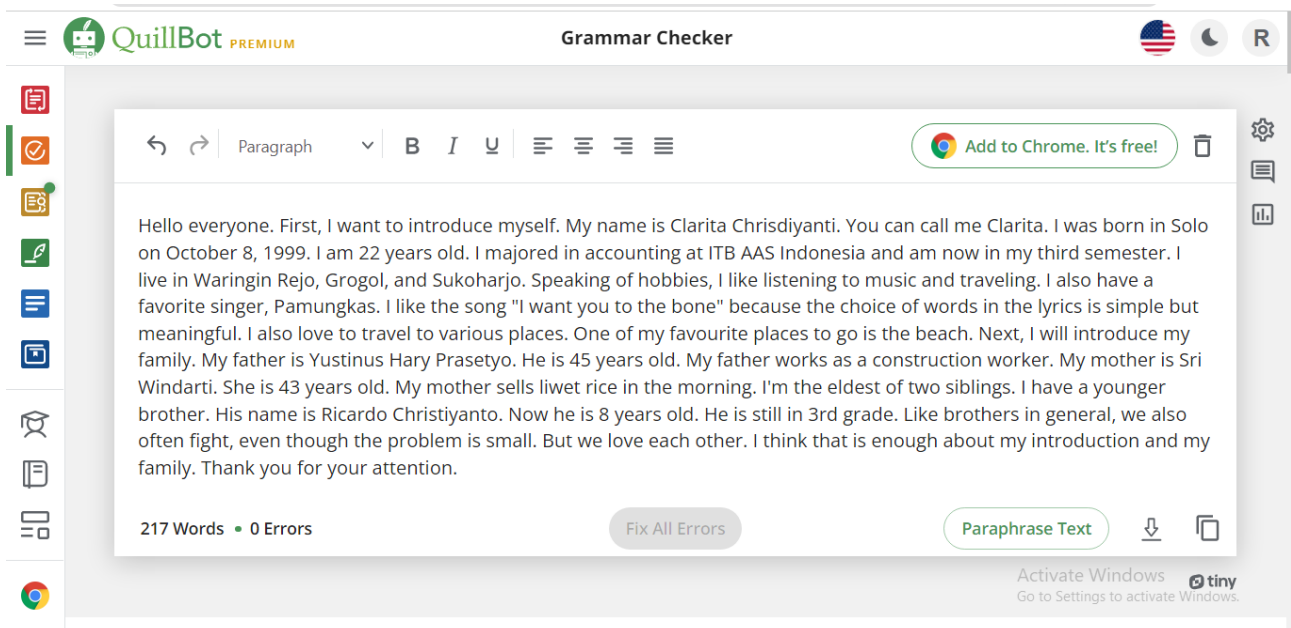

Figure 1. Fix The Students' Writing Error Using QuillBot

Based on the figure above shows that QuillBot Grammar Checker fixes a student's writing error. Before the errors are underlined in the red line, then the red line is missed after we click "fix all errors". QuillBot fixes errors in word classes such as nouns, pronouns, prepositions, conjunctions, and adjectives. The paragraph above changes to 217 words with 0 errors. In the 1st word "frist" shows a spelling error (miswritten) and it is replaced to be "first". In the 2nd word "want" shows a grammatical error (verb + preposition) and it is replaced to be "want to". In the 3rd word "my self" shows a spelling error (spacing) and it is replaced by "myself". In the 4th word "you" shows a capitalization error and it is replaced by "You". At the beginning of a sentence, the letter must be capitalized. In the 5th example, a punctuation "comma (,)" shows a punctuation error and it is replaced by a correct preposition "on" to show a location (place). In the 6th example, the number "08" shows a spelling error and it is replaced by "8". In the 7th example, the word (verb to be) "am" shows a grammatical error and it is replaced by "I am" to be complete "Subject + Verb". In the 8th word, the word "in" shows a grammatical error (missing an article) and it is replaced to be "in the" to show the number ordering "the third". In the 9th word, the word "grogol" shows a capitalization error (missing an article) and it is replaced to be "Grogol". The proper noun (name of place/city) must be capitalized. In the 10th word, the word "listen" shows a grammatical error (missing gerund/Verb-ing) and it is replaced to

be "listening". The verb "like" needs to be followed by Verb-ing. In the 11th word, the word "i" shows a capitalization error and it is replaced by "I". The pronoun "i" must be capitalized. In the 12th word, the title song shows a punctuation error and it is added to be "quotation mark". In the 13th word, the word "in" shows a grammatical error (missing an article) and it is replaced to be "in the". In the 14th word "one" shows a capitalization error and it is replaced by "One". At the beginning of a sentence, the letter must be capitalized. In the 15th word, the word "lyric" shows a grammatical error (missing an article) and it is replaced to be "the lyric". In the 16th word, the word "next" shows a punctuation error (missing a comma) and it needs to be added by "comma" after a phrase at the beginning of a sentence. In the 17th word, the number "2" shows a spelling error and it is replaced with be Latin "two". In the 18th word, the number "2" shows a spelling error and it is replaced with be Latin "two". In the 19th word, the word "a younger" shows a grammatical error (article) and it is replaced to be "a younger". An article "a" is placed before a noun that begins with a consonant sound. In the 20th word, the phrase "we also often fight" shows a punctuation error (missing a comma) and it needs to be added by "comma" after a phrase at the beginning of a sentence. In the 21st word, the phrase "I think" shows a grammatical error (missing conjunction) and it needs to be added by "that".
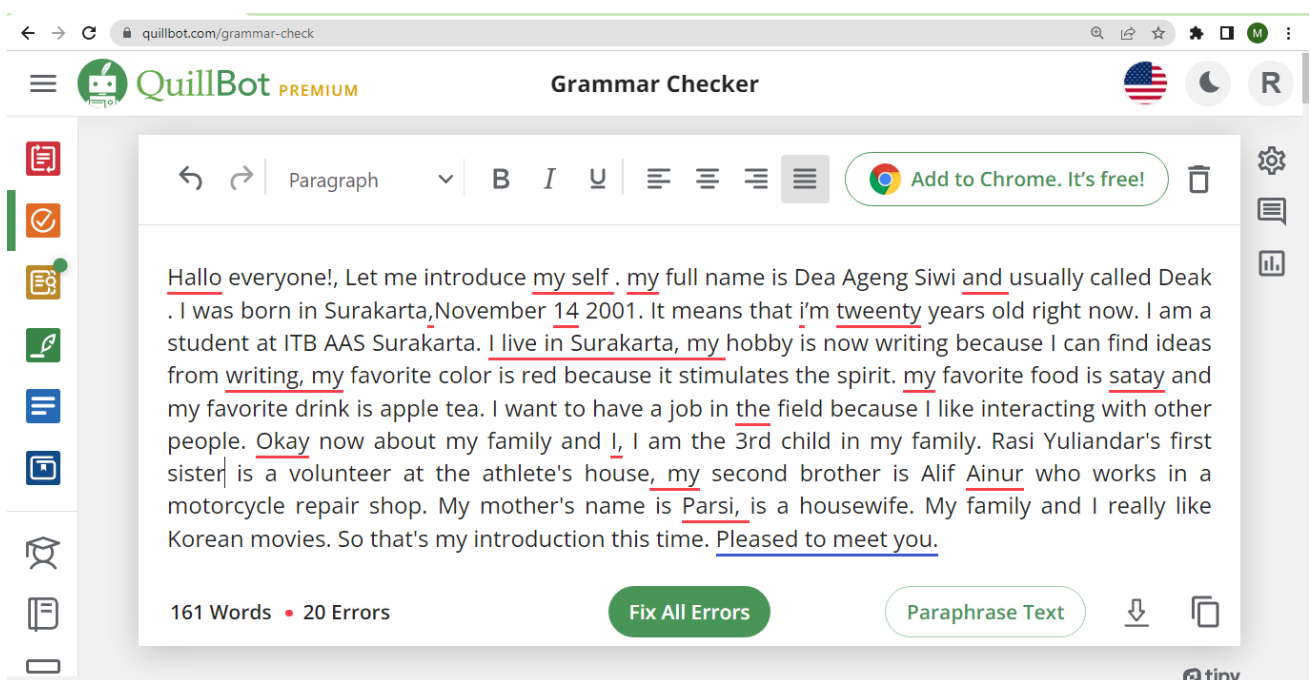

Figure 2. The Students' Writing Error Using QuillBot

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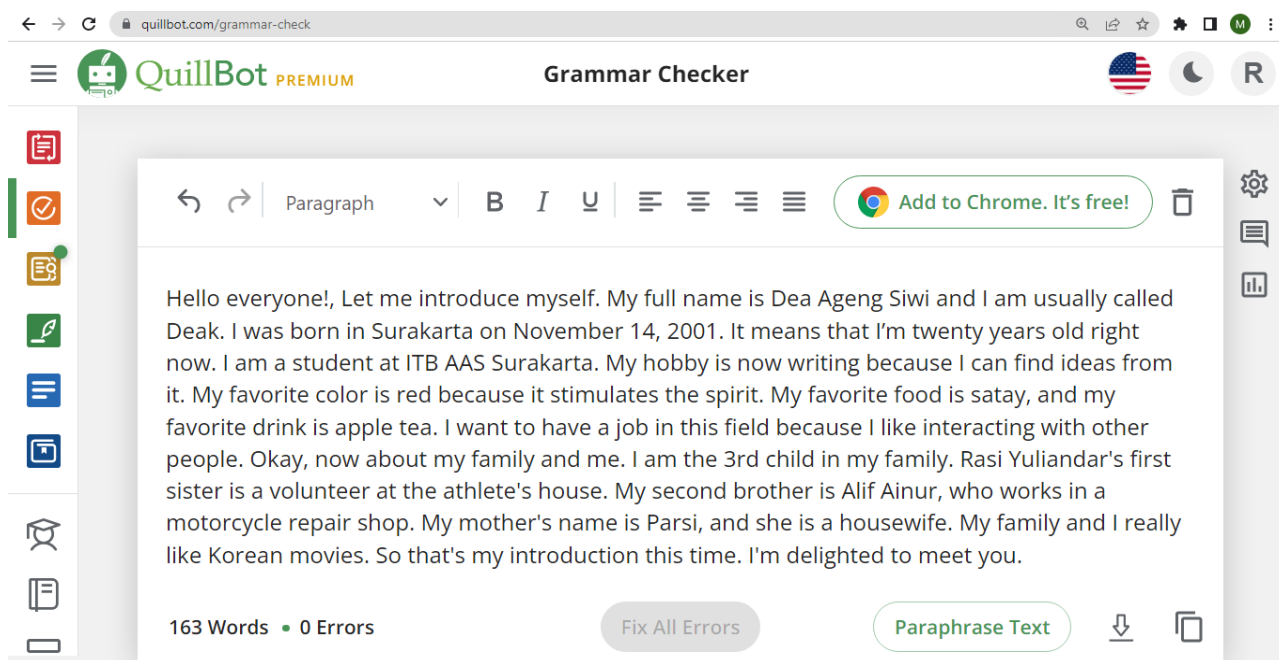

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In the 17th word, the word "parsi" shows a capitalization error and it is replaced to be "Parsi". The proper noun (name of person) must be capitalized. In the 18th example, the word "is" shows a grammatical error (missing subject) and it is replaced to be "she is". In the last example, the phrase "pleased to meet you" shows a grammatical error (missing subject) and it is replaced to be "I'm delighted to meet you". This sentence does not sound right and needs to be fluent.

Discussion

On the development, QuillBot announced the availability of its much-anticipated grammar checker. QuillBot's AI-powered writing platform now includes a suite of time-saving capabilities that make writing easier for the company's 5 million monthly active customers worldwide. This new tool combines spelling, grammar, and punctuation correction strategies with strong artificial intelligence models, identifying problems and recommending improvements. Users of QuillBot began requesting this sort of function in late 2020 to supplement the platform's paraphrasing and summarizing tools. The objective was to streamline users' operations while remaining inside the AI authoring platform.

QuillBot is pleased to announce the availability and accessibility of a new grammar checker. QuillBot can help with grammar, but its main focus is on paraphrasing and vocabulary enrichment. QuillBot offers features to suggest corrections and variations in sentences that can improve language structure indirectly. QuillBot's grammar checker can help us modify our language using our paraphraser and then verify our work for errors in grammar, punctuation, and spelling. Users will be able to boost their writing while also streamlining their process with this new tool. Previously, users were unable to double-check grammar and guarantee there were no errors on our website. Now, users may utilize our paraphraser to create phrases, describe the content they're studying, and double-check their work for any errors. The new application utilizes artificial intelligence to automatically scan text for grammatical, punctuation, and spelling issues, highlighting them and allowing users to correct them individually or in bulk with a single click. Additionally, users can alter and paraphrase material as they go.

The grammar checker advances QuillBot's aim of a one-stop-shop writing platform, assisting users with all parts of writing, from source selection to language refining and, now, editing for clarity and fluency. The grammar checker combines three features into one powerful tool that will spot any spelling, punctuation, or grammar errors. After polishing writing assignments, autobiographies, and other documents with content modifications, they may be run through QuillBot to catch any errors, large or tiny, common or obscure. All grammatical, spelling, and punctuation errors will be detected, and proposed adjustments will be displayed or implemented with a single click. This tool is notably beneficial for recognizing frequently misspelled terms, grammatical faults, and misused words, allowing users to improve their writing skills with each usage. QuillBot's free online grammar check assists users in avoiding errors and polishing their work, allowing the ideas to shine through rather than the typos.

The grammar checker is the latest step toward QuillBot's aim of a one-stop-shop writing platform that assists users with all areas of writing, from font selection to language refining and, now, editing for improved clarity and flow. The grammar checker combines three tasks into a single powerful tool for detecting spelling, punctuation, and grammatical mistakes. After polishing writing assignments, autobiographies, and other documents with content revisions, they may be run through the QuillBot to catch any problems, large or tiny, common or obscure. All grammatical, spelling, and punctuation mistakes will be detected, and proposed adjustments will be presented or implemented with a single click. This tool is particularly good for recognizing frequently misspelled terms, grammatical faults, and misused words, allowing users to improve their writing skills with each usage. QuillBot's free online grammar check assists users in avoiding errors and polishing their work so that ideas, not typos, shine.

QuillBot is equipped with tools to assist users in communicating their ideas, improving the clarity and fluidity of their writing, polishing work for both content and grammar, analyzing writing for key points, comparing and contrasting reference materials, and transforming the global landscape of writing. QuillBot does a quick assessment of our work, highlighting problems and suggesting ways to correct them. Additionally, errors are classified, so users will know if the error is related to grammar or fluency. This is also unique to QuillBot. We can use the Grammar Checker without downloading anything, creating an account, or logging onto the site, which is required for the majority of other grammar checkers. We may also choose to evaluate each error separately as most other grammar checkers do, but unlike our

rivals, we have an option to repair all errors simultaneously. This saves time when we are unable or unwilling to study the 'why' behind every inaccuracy.

Language is changeable, so QuillBot is fine with a user breaking a few grammar rules, such as employing slang to address a specific audience or message. Simply delete the fix to eliminate the judgy underlining. Different writing assignments sometimes necessitate distinct processes. And occasionally, as writers, our approach to structuring our writing process changes and becomes more polished. A good grammar checker takes these changes in workflow into account and assists you in becoming a more successful and efficient writer. QuillBot's Grammar Checker is also the writer's best-kept productivity secret. QuillBot's Grammar Checker leverages cutting-edge artificial intelligence to identify and recommend corrections for a broad variety of faults kinds. It also evaluates the full sentence's content before recommending a modification, ensuring that the correction makes sense within the context of the sentence.

QuillBot has several useful capabilities in evaluating students' written grammar, although with some limitations. This tool offers a paraphrasing feature that allows users to change the sentence structure and vocabulary in their texts, which can help improve writing style and increase clarity. In addition, QuillBot provides suggestions for synonyms and alternative words that can enrich students' vocabulary and increase the choice of more appropriate or varied words. That said, QuillBot is not specifically designed as a detailed grammar-checking tool. Its ability to detect complex grammatical errors may be limited compared to dedicated grammar-checking tools like Grammarly or ProWritingAid. The accuracy of QuillBot's suggestions also depends on the mode selected, and not all modes may be appropriate for every type of writing or academic context. Therefore, although QuillBot can help correct sentence structure and adjust style, students still need to perform manual checks to ensure the suggested corrections fit the context and do not change the original meaning of the text. Thus, QuillBot should be used as an additional tool in the process of revising and developing students' writing skills, not as a replacement for a thorough grammar check.

Although online grammar checker apps like Grammarly or QuillBot are very useful in identifying and correcting basic grammar mistakes, manual evaluation by the teacher is still very important. These applications often have difficulty understanding the context and nuances of meaning in the text, which makes contextual assessment and understanding the meaning that students want to convey less than optimal. Additionally, grammar checker apps may not detect more complex grammatical errors or provide appropriate suggestions for subtle errors, such as inconsistent use of tense or errors in sentence structure. Manual evaluations allow teachers to provide more in-depth and detailed feedback, as well as direct explanations that can help students understand and correct their mistakes. Teachers can also customize feedback based on students' skill levels and needs, offering additional practice as appropriate and helping students understand writing concepts better. Some errors, such as inappropriate use of words in certain contexts, may not be recognized by automated tools, so manual feedback from the teacher is crucial. Thus, the combination of using a grammar checker application and manual evaluation by the teacher will provide maximum benefits, supporting the overall development of students' writing skills.

In using QuillBot to check the grammar of students' writing, it is important to use it as a support tool, not a replacement for a thorough grammar check. QuillBot can be useful in providing suggestions and correcting sentence structure but should be used in conjunction with a dedicated grammar-checking tool or manual check to ensure accuracy. Choose a writing mode that suits the type of text being examined, such as Formal mode for academic writing or Creative mode for freer written work. Always evaluate the suggestions QuillBot provides carefully, ensuring that proposed improvements do not change the original meaning and are appropriate to the context. Integrate feedback from QuillBot with comments and guidance from teachers to improve the overall quality of student writing. Encourage students to analyze and understand the suggestions given, so they can develop their writing and grammar skills independently.

Additionally, monitor QuillBot usage to avoid over-reliance, ensuring that students continue to practice and apply their grammar skills in writing and revision. With this approach, QuillBot can be used effectively to support and improve the quality of students' writing, while still paying attention to the development of their writing skills. Teachers or lecturers may now conduct corrective evaluations of students' EFL work by utilizing online automated tools. Apart from Grammarly, QuillBot can be considered a valuable tool for teachers who need to correct non-EFL students' work. QuillBot will automatically verify or detect certain components of the work being entered. QuillBot is an automated

online writing tool that may be used in place of conventional writing tools in EFL writing classes. It is an online proofreading service that checks for grammar, spelling, and punctuation errors in students' writing.

Conclusion

QuillBot may be considered an alternative tool for teachers who need to correct EFL and non-EFL students' writing. QuillBot will automatically verify or detect certain components of the writing being entered. QuillBot may be used in place of conventional writing tools in writing classes. It is an online proofreading service that checks for grammar, spelling, punctuation, and even capitalization errors in students' writing. In using QuillBot, users type Quillbot in the Google search engine, log in if needed, several menus will appear, and click Grammar Checker. Write or copy the English essay in which we want to improve grammar. Error writing will appear with a red underline with the number of words and the number of errors in the essay. If we want to click repair, select Fix All Errors. Teachers/lecturers can conduct corrective evaluations of students' writing by utilizing QuillBot as one of the online automated tools. Users will be able to boost their writing while also streamlining their process with this new tool. The new application utilizes AI to automatically scan text for grammatical, punctuation, and spelling issues, highlighting them and allowing users to correct them individually or in bulk with a single click.

Many online grammar check applications are provided either free or paid (premium version). The free and premium versions of the course have differences, especially in the number of words that are inputted into QuillBot. Regarding the accuracy level of using QuillBot in evaluating students' writing errors, other online grammar check applications can also be considered, such as Grammarly or other similar applications. As educators (both English teachers/lecturers) you can also evaluate students' English writing errors manually in addition to using an online grammar check application.

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