

19CSE100 PSAT MINIPROJECT

GRAMMAR SPELL CHECKER

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Main Motive of Grammar Checker

The abstract of our project is to make writing more easy and more convenient. It enhances your work and improves the quality of your work.



What is Grammar Checker ?

- GRAMMAR is the basis of communication. It allows you to express yourself more clearly. Without the right use of grammar, readers won't understand exactly what you mean, so they might get the wrong message.
- Finding all the grammatical errors and fixing them in the content is not only frustrating but also highly **time-consuming**. However, the easiest way to fix your writing mistakes is the **Grammar Spell Checker**.
- Grammar checkers are most often implemented as a feature of a larger program, such as a **word processor**, but are also available as a **stand-alone application** that can be activated from within programs that work with editable text.



HISTORY

- The first grammar checker system was called "**WRITER'S WORKBENCH**" and was a set of writing tools included with Unix systems as far back as the 1970s.
- The writer's Workbench works primarily by **counting and comparing**.
It counts the number of letters in a word (or words in a sentence) and compares the figures to established norms, then calculates a text's 'readability,' its probability of being understood by a given audience.
- It contained several **tools** to check for grammatical and spelling errors. Some famous ones were:
 - 1 **Diction** – Identifies the wordy sentences and suggests how they may be simplified
 - 2 **Style** – Analyses style characteristics of documents
 - 3 **Gram** - Identifies misused articles
- It performed a number of **readability tests** on the text and output the results and gave some **statistical information** about the sentences of the text.



How does the Grammar Checker work?

- A Grammar Checker will find each word and sentence in a text, look up each word in the dictionary, and then attempt to parse the sentence into a form that matches a grammar.
- Using various predefined rules, the program can then detect various errors, such as agreement in **tense, number, word order, and so on.**
- There are many paid/free versions of online grammar checkers available on the internet such as **Grammarly, QuillBot, Reverso, Ginger and so on.**



How does the Grammar Checker work?

GENERAL FUNCTIONING OF A GRAMMAR CHECKER

- 1 Grammar Checker generally uses a **sophisticated artificial intelligence system** built to analyze sentences written in English.
- 2 It's team of **computational linguists and deep learning engineers designed cutting-edge algorithms that learn the rules and hidden patterns of good writing** by analyzing millions of sentences from research corpora. (A corpus is a large collection of text that has been organized and labeled for research and development purposes.)
- 3 When you write with the Grammar Checker, the AI analyzes each sentence and looks for ways to improve it, whether it's correcting a **verb tense, suggesting a stronger synonym, or offering a clearer sentence structure.**
- 4 To manage a large amount of data it runs on the **cloud**. Hence, all you need to check your writing with the Grammar Checker product is an **Internet connection.**





Vocabulary

She walks aimlessly

Better word choice

wanders



Modern education systems are based on the idea that students learn information from teachers

Synonyms:

1. To acquire mentally

get receive read acquire

2. To find out

read see hear discover

re
are
to



Examples of online grammar checkers



A screenshot of the QuillBot premium web interface. The interface is light gray with a white central content area. At the top, the QuillBot premium logo is on the left, and navigation links for "Download Extensions", "Log Off", and a user profile icon are on the right. The main content area has a text input box with the placeholder text "Write a sentence and hit Quill it to rephrase it". Below this is a larger text box with the instruction "Write whatever you want here. Then press the Quill It button on the right to paraphrase it." and a character limit of "91 / 10000". To the right of the text boxes is a green "Quill it" button. Below the button is a "Quill Modes" section with radio buttons for "Fluency", "Standard", "Suggestive", "Creative", and "Conciseness" (which is selected). Below the modes is a "Word Flipper" section with a slider and the text "Simple Mode". At the bottom of the text box are buttons for "ReQuill", "Make Draft", and "Copy". Below the text box are three colored boxes: "Changed Words" (orange), "Structural Changes" (yellow), and "Longest Shared Words" (blue), followed by a "Share" button. On the far right, there are three icons: a gear, a bar chart, and a magnifying glass. At the bottom right, there is a "CYBER" logo.

Examples of online grammar checkers



Spell checker: check grammar and spelling for English texts

Speller and grammar checker

English

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer tempus sapien cursus ligula viverra, nec ullamcorper libero tincidunt. Sed in mollis neque. Quisque interdum rutrum lectus, sed efficitur magna. Integer at rhoncus nibh, non rhoncus ligula. Sed luctus id diam a varius. Integer scelerisque magna a ultrices tincidunt. Cras luctus turpis ipsum, convallis auctor justo maximus eleifend. In hac habitasse platea dictumst. Etiam id gravida.

450/450

Accept spelling:
US ☒
UK ☒

Show me:
Synonyms ☐
Recommendations ☐

Check

Proofread the examples below:

- «I couldn't tell there friends»
- «They dont now were Tom went»
- «His much better then yesterday»

Proofreading tools

Get live corrections as you type in any text field with Ginger

Download

Master English grammar rules to improve your writing

- Online Grammar
- Irregular Verbs
- Adjectives and Adverbs
- Conditional Claus

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References

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