

ACE EMAIL COMPOSER EXTENSION (BROWSER EXTENSION)

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ABSTRACT

A software utility called an email composer extension improves the operation of email clients by offering extra features and customizability choices for creating and managing emails. using the help of this addon, users may quickly and effectively compose emails using a variety of templates, attachments, and formatting options. Users can send emails at the most convenient moment and keep track of the recipient's behaviour using the email composer extension's email tracking and scheduling features. Users can automate repetitive operations with this addon, including the creation of personalised email campaigns, the scheduling of reminders, and the organisation of their email inbox. An email composer extension is, all things considered, a useful tool for professionals looking to increase productivity and simplify email workflow.

Keywords: Analysis, Investigation, Research.

I. INTRODUCTION

WHAT WOULD YOU DO IF ALL THE EMAILS IN YOUR INBOX WERE CREATED BY AI? Emails created by artificial intelligence with assistance from a human prompter may already be reaching you.

One of the least authentic methods of communication is email. The pre-written sentences and polite responses are hilariously robotic. For instance, why do you wish me well in your email? During the past few years, Google has employed machine learning in Gmail to generate one-sentence answers and anticipate your next move. People may be able to depend even more on autocomplete features when writing emails thanks to newer businesses like Compose AI.

"Autocomplete won't make you change your mind about what you want to input. The CEO and founder of Compose AI, Michael Shuffett, predicts that it will only speed up. Despite the popularity of big blocks of AI-generated text produced by models like OpenAI's ChatGPT, smaller snippets created via autocomplete are now simpler to manage. It's comparable to letting a robot ride your bike by itself at night after receiving a one-sentence instruction as opposed to riding a tandem bike with it. The first option will take more work, but you have a better chance of arriving at your goal together.

Will well-known email providers like Google and Outlook introduce new AI-powered capabilities to make it easier for you to navigate a crowded inbox? The business employs AI in a number of ways, according to Aparna Pappu, vice president and general manager of Google Workspace, to help individuals write messages and identify spam. Her attitude on generative AI, expressed in a message supplied to WIRED via email, is similar to the majority of Google's messaging on the subject: thrilled yet cautious.

II. RELATED WORK

The most widely used form of communication in the modern digital age is email. The way we converse, exchange information, and conduct business has been completely transformed. Email has increased in importance as remote work has grown in popularity as a means of communication. We shall examine many facets of email composers in this review of the literature. Software programmes called email composers are used to write and send emails. Any email client would be incomplete without them, and the user experience can be significantly impacted by their functionality. We will examine various email composers in this study, as well as their features and effects on user experience.

Email writers of many types:

Today's market offers a variety of email composition tools. Below are some of the most typical ones:

1. Online email creators:

Email builders that can be accessed using a web browser are called web-based email builders. These are the most typical types of email composers, and email service companies like Gmail, Yahoo Mail, and Outlook frequently offer them. These composers often include a variety of features including spell-check, formatting, and attachment support and are simple to use.

2. Computer-based email creators:

Desktop email composers are programmes that are downloaded and set up on a user's PC. These composers include sophisticated capabilities and customisation choices that are uncommon in web-based composers. Mozilla Thunderbird and Microsoft Outlook are two common desktop composers.

3. Composers of mobile emails:

Mobile devices like tablets and smartphones are developed with mobile email composers in mind. These composers provide capabilities like voice-to-text, swipe typing, and predictive writing and are designed for the small screens of mobile devices. The Apple Mail app and the Gmail app are two examples of well-known mobile composers.

III. PROPOSED METHODOLOGY

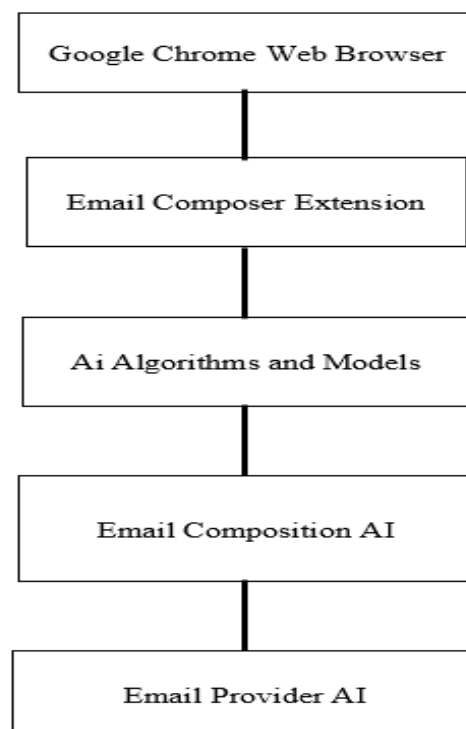
1. AI Module: This module is in charge of the fundamental AI models and algorithms that analyse user input and provide suggestions or carry out activities on their own. Natural language processing, sentiment analysis, and prediction models might be included.

2. Email Provider Module: The email provider module is in charge of delivering the completed email to the email provider. Operations like email provider authentication, email content formatting, and email sending via the email provider's API might be involved.

3. The input module is in charge of capturing user input and passing it along to other modules for further processing. It might offer options for formatting, attachments, and text input capture.

4. The display module presents suggestions or completed material to the user as well as manages user interactions such as accepting or rejecting ideas. It might have options for styling text, buttons for user interaction, and text-display capabilities.

5. Integration Module: The integration module is responsible for managing interactions and merging the other modules. It could include tasks like controlling user preferences, sending information between modules, and resolving errors or exceptions.



IV. CONCLUSION

In conclusion, email composer AI has the potential to revolutionise email communication by improving efficiency, quality, personalisation, consistency, productivity, and cost-effectiveness, among other factors.

Email composer AI can help people produce emails more quickly and effectively while saving time and costs by proposing relevant content, tone, and language.

It does have drawbacks, too, such as a lack of context, a lack of originality, over-reliance, privacy problems, a lack of language support, and cost.

references and actions of the recipient. This involves looking into prior email correspondence as well as other data sources like social media and past purchases.

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