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## Artificial intelligence (AI) technology in OpenAI ChatGPT application: A review of ChatGPT in writing English essay

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### Abstract

ChatGPT is a product of AI that is currently being widely discussed on Twitter. This research reviews how ChatGPT writes English essays. This research is descriptive qualitative. The analysis shows that we can access ChatGPT on [openai.com](https://openai.com) or [chat.openai.com](https://chat.openai.com) on the browser. If we do not have an account, we register via email, Google, or Microsoft account. After login, enter a question or statement in the conversation column provided. Send it and ChatGPT will respond and the answer appear quickly. The researcher tries ChatGPT "Can you help me in doing my English assignment?", and the ChatBot replies "Of course! I'd be happy to help you with your English assignment. What do you need help with? Do you have a specific question or task that you're working on, or is there a broader topic that you'd like help with? It would be helpful to have some more information so that I can better understand how I can assist you". Based on several tries, ChatGPT can answer all questions on various topics such as English essays including a descriptive text about Solo and My Family, recount text about personal experience and unforgettable moments, resolution in 2023, and future career. ChatGPT considers the event orders and writing order, including using main, explanatory sentences, and a conclusion. It uses two voices both active and passive voice. Besides, it considers tenses use related to the given topic essay. However, from examples of English essays produced by ChatGPT, it certainly requires further research to find out that the essay results are grammatically accurate.

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## INTRODUCTION

Artificial Intelligence (AI) is one of the technological trends which are relevant to be developed for any purpose (Fitria, 2023). Artificial Intelligence is a technology that is undergoing rapid development (AI). Artificial Intelligence (A.I.) is a field of computer science devoted to solving cognitive problems that are generally related to human intelligence, such as learning, problem-solving, and pattern recognition (Fitria, 2021). A.I. technology is not only used for serious things but also for fun and helps our daily life. Job automation, algorithm bias, and technological developments are the first thoughts that come to our minds when we think of Artificial Intelligence. But at the same time, A.I. can be used in many fun and exciting ways. As the name implies, artificial intelligence is artificial intelligence that is created thanks to technological sophistication. A.I. can help humans do various things, which is why it is often nicknamed 'adopting human intelligence'.

Fitria (2021b) states that the technology was developed to facilitate human activities and productivity. Artificial Intelligence or artificial intelligence is a technology that can make computer systems, software, and even robots work and 'think' like humans. Apart from having a positive impact, the presence of A.I. can also have a negative impact, especially on the work done by humans. A.I. is a human intelligence simulation based on computers and designed to function as human beings (Fitria, 2021). Some answer using humans and utilize machines to automatically respond to questions presented by humans (Maitri, 2019). The popularity of Artificial Intelligence continues to increase across numerous industrial platforms, with Chatbot technology becoming essential (Luo et al., 2019; Wei et al., 2018). It is a software application that uses natural language processing (NLP) and deep learning techniques to conduct text-based online chat conversations (Dharani et al., 2020). Communication between a human and a computer has been of interest to numerous researchers for decades (Thorat & Jadhav, 2020).

The significance of chatbots that can engage with humans using natural language has increased. This is owing to the availability of computational means for natural language interaction between computers and humans that are becoming increasingly similar to human interaction (Bozic et al., 2019). Consequently, there are an increasing number of chatbots designed to assist people with organizing work or making decisions. There are various methods for performing human-computer communication. In the era of conversational services, Chatbots are the next big thing in the modern era of technology. (Lalwani et al., 2018) Chatbots are intelligent systems being developed using artificial intelligence (A.I.) and natural language processing (NLP) algorithms. Chatbots have gained popularity as a means to conduct such conversations. A chatbot is a computer application that facilitates and enhances this conversation. Chatterbot (also known as chatbot or bots) is a computer program designed to balance intellectuals with one or more humans, both audio and text (Falah & Syamsidar, 2021; Haristiani, 2019). Chatbots, or artificially intelligent conversational tools, are the newest tools meant to facilitate communication between humans and computers (Nghie et al., 2019). Chatbots are text-based conversational agents in simulating conversations with users (Ashfaq et al., 2020). Besides, Chatbot provides numerous school, university, or college-related and student-specific pieces of information (Patel et al., 2019).

The rapid development of A.I. technology has increased the accessibility, scalability, and efficacy of text generation tools such as GPT-3 and ChatGP (Zhou et al., 2022). ChatGPT is the idea of the San Francisco, California-based AI company OpenAI (Stokel-Walker, 2022). The business released GPT-3 in 2020, a sort of artificial intelligence known as a big language model that generates text by sifting through billions of words of training data and understanding the relationships between words and phrases. GPT-3 is at the forefront of an A.I. revolution, provoking philosophical debates about its boundaries and a multitude of potential uses, such as summarizing legal texts and assisting computer programmers. ChatGPT is derived from an enhanced version of GPT-3 and is optimized for user interaction.

ChatGPT, the most recent version of a natural-language system was published on 30 November 2022 (Castelvecchi, 2022). The platform was released by OpenAI. OpenAI is a non-profit research company engaged in the development and direction of artificial intelligence (A.I.). OpenAI was founded by two techpreneurs, Sam Altman and Elon Musk. The two company founders and other investors, started the company in 2015 in San Francisco, California, with a \$1 billion endowment. OpenAI is a non-profit research company engaged in the development and direction of artificial intelligence (A.I.). Thus, artificial intelligence technology can benefit humanity as a whole, launches Tech Target. OpenAI itself is a company engaged in the development of artificial intelligence. It is well-known products are DALL-E and GPT. DALL-E is an A.I. that can produce an image or

painting from a sentence, while GPT is an A.I. that produces text. GPT allows A.I. to create texts ranging from poetry, articles, and tutorials, to social media captions. Apart from that, this A.I. intelligence can also make a general knowledge of a statement or prompt.

OpenAI is a non-profit research company engaged in the development and direction of artificial intelligence (A.I.). This institution conducts research in the field of A.I. to promote and develop A.I. that can be useful for humans. The background to the establishment of this company was due to the founder's concern regarding the negative potential due to carelessness and misuse of A.I. The company's long-term goals lie in fundamental advances and capabilities of A.I. itself. The positive intention of establishing OpenAI is reflected in the product as well as the company's work system. OpenAI collaborates freely with other research organizations and individuals. Not only working together but research results and patents made by companies are also kept open to the public. Thus, it can avoid its use which has a negative impact on safety.

ChatGPT is software in the form of a generative language that uses technology to predict the next sentence or word in a conversation or a text command. Simply put, ChatGPT is a chatbot, a computer program in the form of a virtual robot that can simulate human-like conversations. Even though it is still a prototype, this dialogue-based A.I. chatbot is considered capable of responding to natural human language and responding to it automatically. This platform is considered to be able to replace Google because it can answer any problem. ChatGPT from OpenAI can answer difficult questions with comprehensive answers. Therefore, ChatGPT has extraordinary intelligence compared to other chatbots. ChatGPT OpenAI is a model of InstructGPT, which is trained to quickly follow instructions and provide detailed responses. Interestingly, ChatGPT from OpenAI is designed to remember questions that have been asked before and can correct themselves according to feedback.

There are several previous studies related to chatbots. There are currently numerous cloud-based Chatbot services accessible (Rahman et al., 2017). Fadhil & Gabrielli (2017) states that Chatbots are an innovative strategy that simplifies and facilitates long-term commitment to health promotion programs. Benedictus et al. (2017) state that the Chatbot Helpdesk application can help users by answering questions about the use of applications in the Sam Ratulangi University Integrated Information System. Astuti & Fatchan (2019) and Hakim et al. (2020) state that chatbot applications can handle questions, provide answers and act as customer services. It is supported by Chen et al. (2021) state that the chatbot's usability had a good effect on the extrinsic values of customer experience, while its responsiveness had a favorable effect on the intrinsic values of customer experience. While Nugraha & Sebastian (2021) states that Chatbots can be used for companies or institutions that do not have specific resources to handle this work to question and answer services. Kadaton & Soekarta (2019) state that line chatbot service is a medium for delivering information on tourist attractions that can be interactive. Then, Melindah (2020) states that the Mobile Spare Parts Information Chatbot application is useful for facilitating communication between humans and computers in terms of searching for information, so buyers can find out about cellphone spare parts by asking questions to Chatbot. Stoilova (2021) states that chatbots give benefit businesses, employees, and customers by providing rapid support and automating repetitive tasks. Based on the previous studies above, it shows that Chatbot can be used in any various purposes, such as to promote program, promote business. Besides, Chatbot as as helpdesk information, and customer service.

Netizens created various content created using the OpenAI GPT Chat. After being launched last week, the artificial intelligence-driven ChatGPT platform has amassed over a million users in a matter of days. Even so, ChatGPT also gave rise to various debates and controversies that sparked online discussions about its benefits and potential harms. Discussions about the ChatGPT bot were launched, and it immediately became popular and received a lot of attention. This is also the success of OpenAI, as a service developer. One of OpenAI's artificial intelligence, ChatGPT, has become a hot topic of discussion on social media Twitter. Twitter users are excited about ChatGPT's ability to answer all questions flexibly. The point is, ChatGPT can understand the context of a conversation and give answers according to context so that even though ChatGPT is an artificial intelligence, its technology is not as rigid as a robot. One of the Twitter accounts that reviews ChatGPT through a thread is @huedaya. In his thread @huedaya explained what ChatGPT is, he also did some trials.

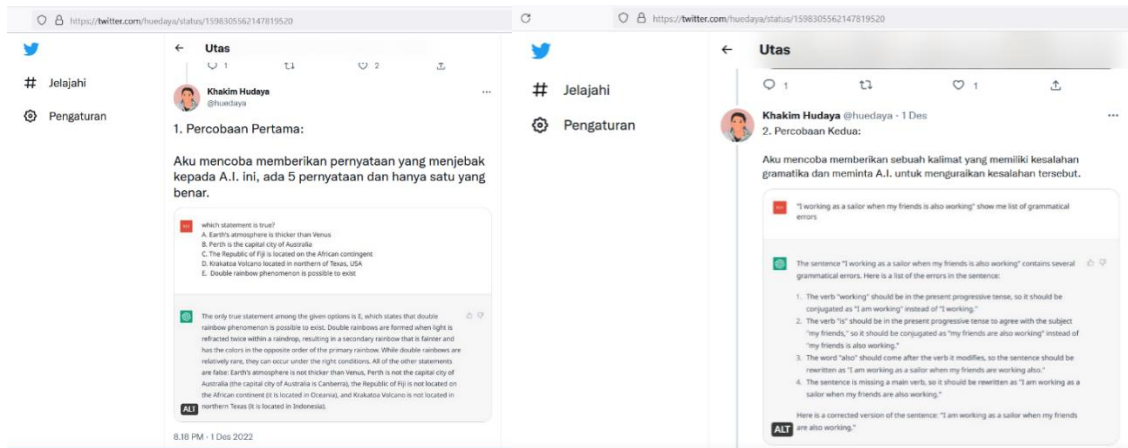


Figure 1. A thread taken from @huedaya's post on [Twitter](#)

Based on @huedaya's post, the first try was carried out by giving several tricky questions to ask to correct English grammar or grammar in a lift format complete with error reasons. He tested ChatGPT to correct English grammar. Second try: He tried giving a sentence that had a grammatical error and asked A.I. to decipher the error. ChatGPT seems to be able to find the correct statement which is E. Interestingly, not only did the answer but also the A.I. gives reasons why each answer could be right or wrong. ChatGPT also managed to find some mistakes in his writing completing with error reasons. The researcher is interested to know about Chatbot, especially in education. Therefore, the objective of this study is to describe the use of ChatBot in the English learning process.

## METHODS

This research uses a descriptive qualitative method. Qualitative methods emphasize more on observing phenomena and examining the substance of the meaning of these phenomena. The analysis and acumen of qualitative research are greatly affected by the strength of the words and sentences used. Qualitative research is typically not directed by a hypothesis (Privitera & Ahlgrim-Delzell, 2018), thereby emphasizing the absence of the use of statistical tools in qualitative research. In this research, the researcher describes the use of ChatGPT in the teaching and learning process.

This research uses documents and observation. A document is any recordable or retrievable symbolic representation that may be analyzed (Altheide & Schneider, 2013). The type of document used is taken from the Twitter post named @huedaya related to ChatGPT. Besides, the research also uses observation. The researcher should visit the research site to observe how they (research elements) behave (Memory, 2021). In this research, the researcher simulates the use of ChatGPT related to English learning.

The method of analyzing data in this research is by using three steps of qualitative analysis as proposed by Miles et al. (2018) including data reduction, data display, and conclusion. In the reduction stage, the researcher removes unnecessary data so that the data can produce appropriate information. At the display stage, the researcher presents data in the form of pictures or narrative text to make it easy to understand. Next, the researcher looks for the meaning of the data collected by looking for relationships, similarities, or differences to conclude answers to existing problems.

## FINDINGS AND DISCUSSION

### Findings

This platform ChatBot has gone viral on Twitter related to its ability to provide comprehensive written information. One user who tried this artificial intelligence platform even said finding information on ChatGPT was easier than Googling. On social media, many people share stories about using ChatGPT to write code, draft blog posts, write academic essays, and compile work reports. The researcher also tried to use ChatGPT to see how the experience provided by this artificial intelligence platform. OpenAI stated that the ChatGPT model was trained using a machine learning technique called Reinforcement Learning from Human Feedback (RLHF). The A.I. technology embedded in this platform focuses on making it easier for users. The user interface is that of a simple instant messaging application. We can simply type our question or command into the text box and ChatGPT

will respond to our question. How to use ChatGPT is very easy, we can open a browser on our device. We visit the ChatGPT site at <https://openai.com/> or <https://chat.openai.com/>.

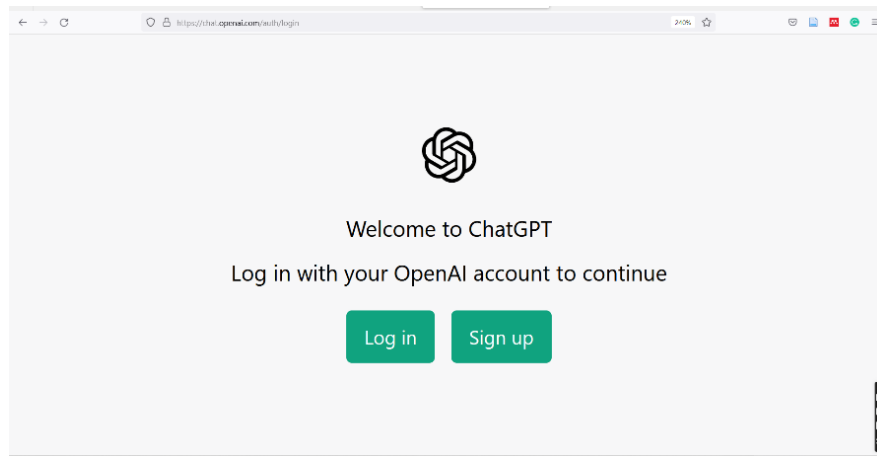


Figure 2. The view of ChatGPT

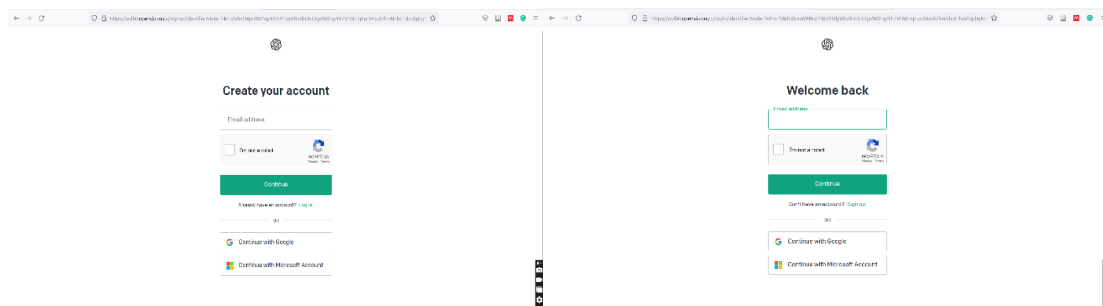


Figure 3. The view of Log in and Sign up ChatGPT account

We can log in easily via Google or Microsoft account. If we do not have an account yet, we can register first. Select the Sign-Up menu. Then, click Create an OpenAI Account. We can register via email, Google account, or Microsoft account. Select the For Personal Use menu. We will receive a confirmation number, then enter the number on the registration page. After having an account, we can immediately log in. After the account has been successfully created, you can log in using that account. Now you can log in and use the ChatGPT platform.

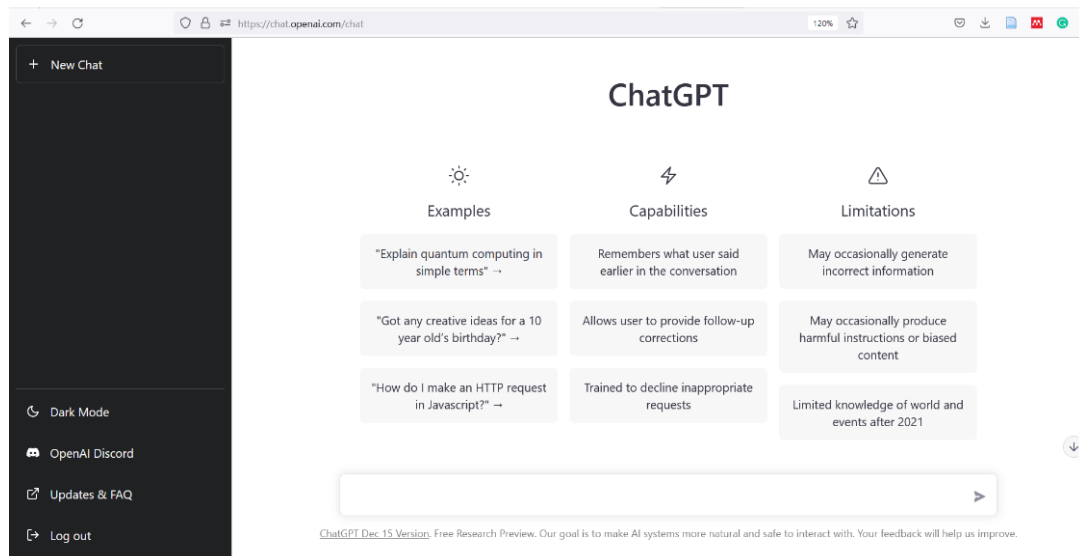


Figure 4. The chatbox service in ChatGPT

There is a chatbox service on the ChatGPT site that we can use freely. There is also a column at the bottom of the main page where we can fill in our questions. Even though the chatbox uses the default English, we can also write questions in Indonesian. The answers that will be given will be adjusted to the grammar that is easy for the user to understand. We can ask several questions from various aspects, such as English essays. The answer will also appear quickly in a split second.

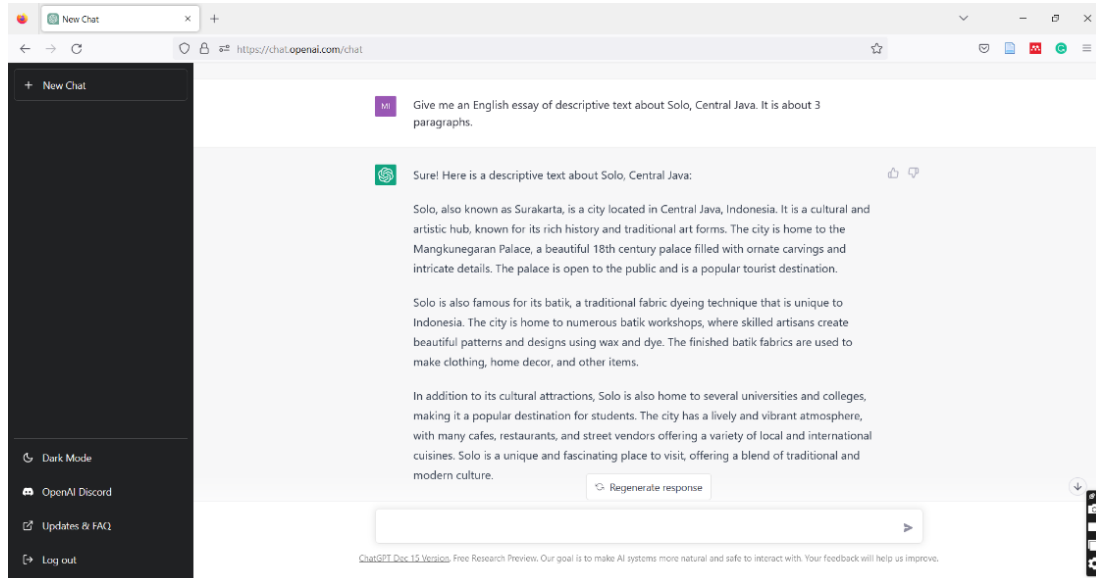


Figure 5. The first question in ChatGPT

The figure above shows that the researcher as a user greets and wants to ask a question to ChatGPT, and Chat GPT answers. The user says "Hello, good morning. Can you help me in doing my English assignment?", then the ChatBot replies "Of course! I'd be happy to help you with your English assignment. What do you need help with? Do you have a specific question or task that you're working on, or is there a broader topic that you'd like help with? It would be helpful to have some more information so that I can better understand how I can assist you". The user asks a ChatBot to give an English essay of descriptive text about Solo, Central Java in 3 paragraphs. ChatBot replies as stated by the user and writes an essay about Solo in 3 paragraphs. It answers "Sure! Here is a descriptive text about Solo, Central Java". It states more about Solo in 3 paragraphs. The 1st paragraph tells about the location, history, palace, and tourist destination. The 2nd paragraph tells about traditional Fabrik or Batik. The 3rd paragraph tells about cultural attractions, popular destinations, cuisines, and traditional and modern culture. In this paragraph, ChatGPT also considers the writing order such as using main and explanatory sentences, and the last paragraph is ended with a conclusion. It also uses two different voices such as active and passive voice. Besides, it considers tense uses, such as using the more simple present tense.

The user asks a ChatBot to give an English essay of descriptive text about "My Family" (See Figure 6). ChatBot replies as stated by the user and writes an essay about "My Family" in 4 paragraphs. It answers "Sure! Here is an English essay about "My Family". The 1st paragraph tells about the family members which consists of parents, younger brother, and herself/himself. The 2nd paragraph tells about the parents (mother and father), the 3rd paragraph tells about the younger brother, and the 4th paragraph tells about the writer's pride in her/his family. In this paragraph, ChatGPT also considers the writing order such as using main and explanatory sentences, and the last paragraphs ended with a conclusion. It also uses two different voices such as active and passive voice. Besides, it considers tenses use, such as using the more simple present tense.

The user asks a ChatBot to give an English essay of a recount text about a personal experience during a trip or vacation in Yogyakarta in 3 paragraphs (See Figure 7). ChatBot replies as stated by the user and writes an essay about Yogyakarta in 3 paragraphs. It answers "Sure! Here is an English essay about a personal experience on a trip or vacation to Yogyakarta:". It states more about my personal experience in Yogyakarta in 3 paragraphs. The 1st paragraph tells about Yogyakarta. The 2nd paragraph tells about temples such as Borobudur and Prambanan. The 3rd paragraph tells about



local culture and cuisine. In this paragraph, ChatGPT also considers the event order and writing order such as using main and explanatory sentences, and the last paragraph is ended with a conclusion. It also uses two different voices such as active and passive voice. Besides, it considers tense uses, such as simple present tenses but uses the more simple past tense.

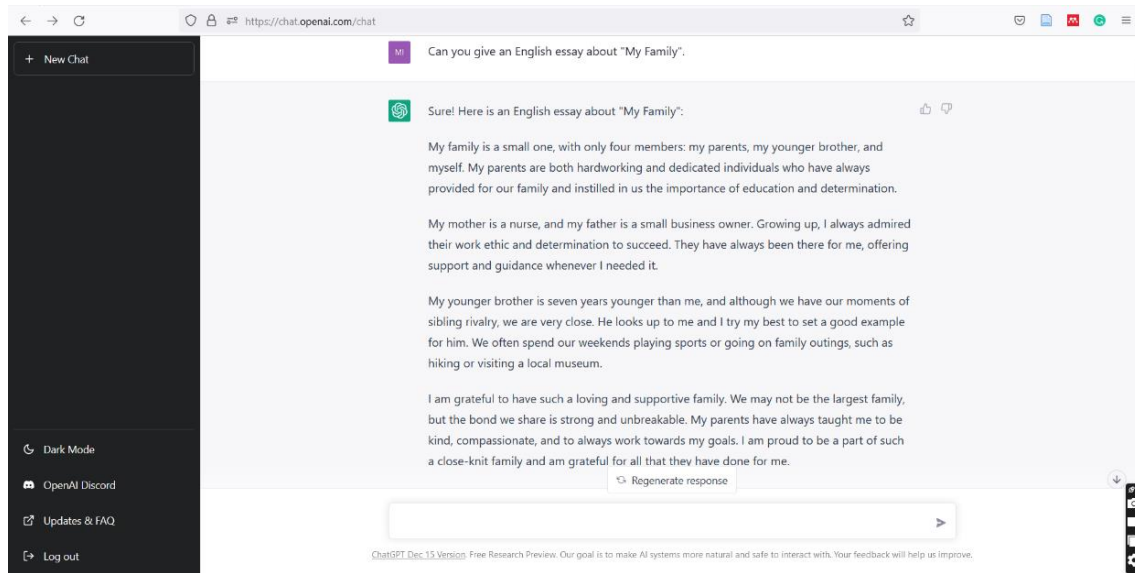


Figure 6. The second question in ChatGPT

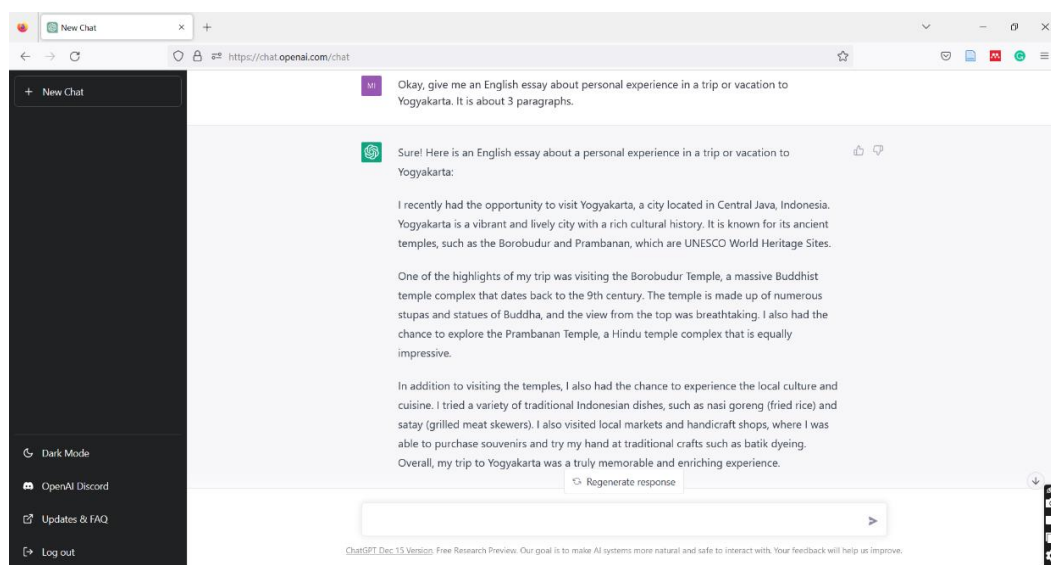


Figure 7. The third question in ChatGPT

The user asks a ChatBot to make an English essay on "Unforgettable Moment During Trip in Semarang?" (See Figure 8). ChatBot replies as stated by the user and writes an essay in 3 paragraphs. It answers "Sure! Here is an English essay about a personal experience on a trip or vacation to Yogyakarta:". It states more about an unforgettable moment during a trip to Semarang in 5 paragraphs. In this paragraph, ChatGPT also considers the writing order such as using main and explanatory sentences, and the last paragraph is ended with a conclusion. It also uses two different voices such as active and passive voice. Besides, it considers tense uses, such as past perfect tenses but uses the more simple past tense.



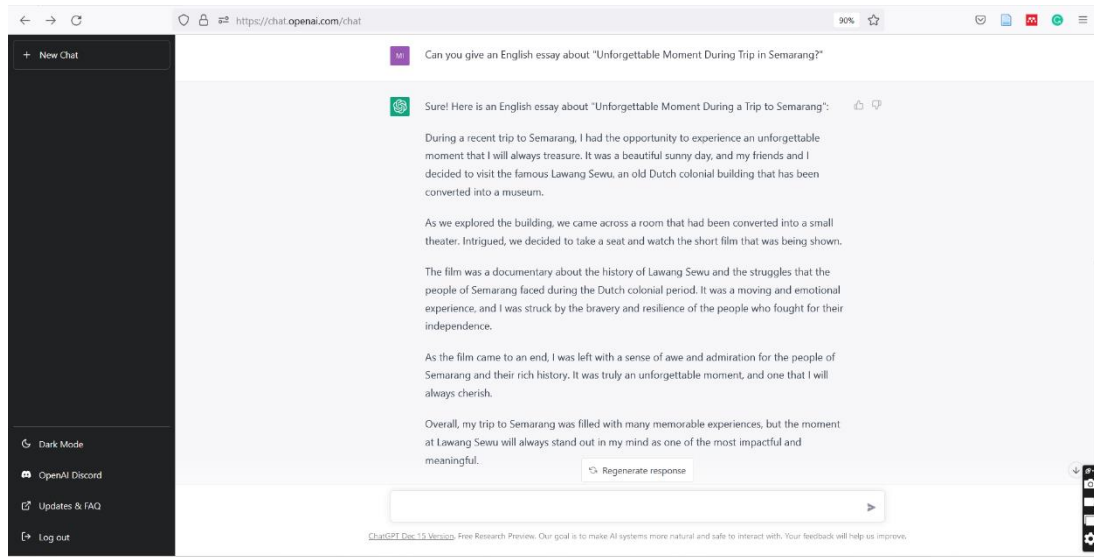


Figure 8. The fourth question in ChatGPT

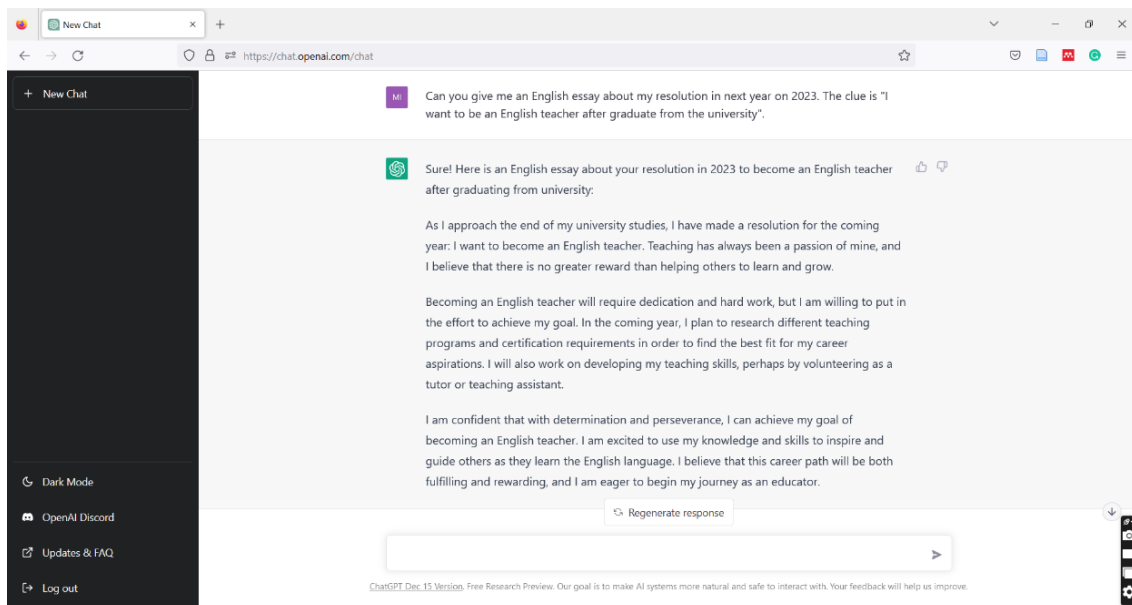


Figure 9. The fifth question in ChatGPT

The user asks a ChatBot to give an English essay about my resolution for next year in 2023. The clue is "I want to be an English teacher after graduating from the university". ChatBot replies as stated by the user and writes an essay about Solo in 3 paragraphs. It answers "Sure! Here is an English essay about your resolution in 2023 to become an English teacher after graduating from university". It states more about the resolution of 2023 in 3 paragraphs. The 1st paragraph tells about the ambition to be an English teacher. The 2nd paragraph tells about the plan when to be an English teacher. The 3rd paragraph tells about self-confidence to be an English teacher". In this paragraph, ChatGPT also considers the writing order such as using main and explanatory sentences, and the last paragraph is ended with a conclusion. It also uses two different voices such as active and passive voice. Besides, it considers tenses use, such as a little of past perfect, and simple present tense but using the more simple future tense.

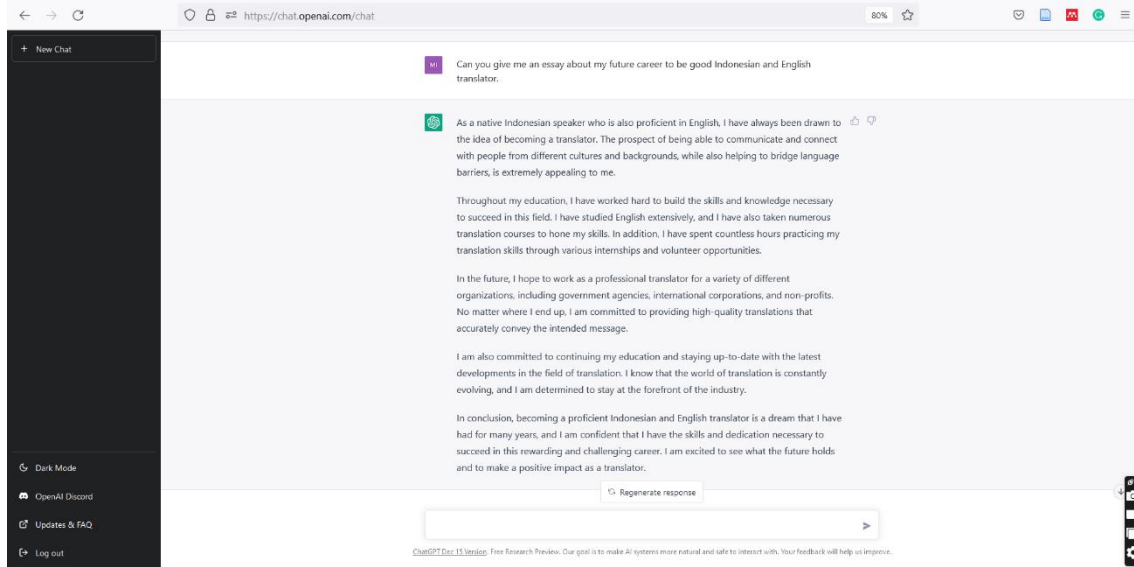


Figure 10. The sixth question in ChatGPT

The user asks a ChatBot to give an English essay about "My Future Career to be a Good Indonesian and English Translator". ChatBot replies as stated by the user and writes an essay about the future career in 3 paragraphs. ChatBot states more about the resolution of their future career to be a good Indonesian and English translator in 5 paragraphs. The 1st paragraph tells about the idea to be a translator. The 2nd paragraph tells about the educational experience in learning English. The 3rd paragraph tells about a hope to be a professional translator. The 4th paragraph tells about the commitment to continuing education. The last paragraph is the conclusion of the text. In this paragraph, ChatGPT also considers the writing order such as using main and explanatory sentences, and the last paragraph is ended with a conclusion. It also uses two different voices such as active and passive voice. Besides, it considers tense use, such as a little past perfect, but using the more simple present tense.

## Discussion

Recent developments in Artificial Intelligence (A.I.) and machine learning have opened the path for the expanding use of chatbots in language learning (Belda-Medina & Calvo-Ferrer, 2022). With the development of Artificial Intelligence (AI) in the field of education to help process daily activities including teaching and learning (Fitria, 2021a). Good English skills will certainly be a competitive capital, both in the fields of education and work. Chatbot technology is a technology that can be used as a solution to problems in the educational sphere. Several studies have proven the use of chatbots as learning media, especially in learning English (Afrianto et al., 2019). Chatbot technology can be an interactive learning media solution, one of which is as a medium for practicing English conversation while through the two conversation modes provided, users can practice both spoken and written conversations, and with the existing error correction features and self-evaluation features that can help users improve their English conversation skills.

This artificial intelligence (A.I.) based conversation platform has attracted the admiration of many netizens because of its ability to answer questions automatically, quickly, and in detail. A GPT chatbot is a software application designed to emulate human-like conversations based on user requests. Artificial intelligence technology in it can understand human natural language and produce written text that is similar to human creation. The platform was just released at the end of last month. However, in just a little over a week, the number of ChatGPT users has reached more than 1 million. As we know, ChatGPT has suddenly become the talk of the social media world. In fact, on Twitter itself, many people talk about how ChatGPT is capable of producing text in various formats—be it formal, informal, or creative writing. Its ability to write is human-like in terms of content, coherence, and style of language. Since the ChatGPT prototype became available for public testing in late November, many people have been amazed by the program's ability to think and generate text.

ChatGPT is released by OpenAI, which is based in San Francisco. In simple terms, the ChatGPT chatbot is an A.I. that can answer all user questions, with the most satisfying answers. This

software application is designed to emulate human-like conversations based on requests from users. ChatGPT is trained using a machine learning technique called Reinforcement Learning from Human Feedback (RLHF). This learning technique allows ChatGPT to simulate dialogue, answer questions in context, admit mistakes, challenge wrong premises, and reject inappropriate requests. In early development, A.I. was even trained directly by human A.I. trainers, by testing the two sides of the chatbot as both a user and an A.I. assistant. In short, this machine can respond to questions with in-depth answers just like human-written text in a conversational format. Previous A.I. technology could only literally answer questions without considering the context of the conversation that was going on.

ChatGPT is an artificial intelligence (A.I.) language model developed by OpenAI, a company engaged in the development of A.I. technology. ChatGPT is a chatbot based on GPT-3.5, a natural language model that uses deep learning processes. Natural here means the style of text produced by OpenAI's chat robot, which is similar to a natural human writing style, not rigid like a machine or bot. Like chatbots in general, ChatGPT made by OpenAI allows users to send questions or instructions which ChatGPT will respond to later. Currently, ChatGPT also supports Indonesian, so that users can submit and receive responses in Indonesian. Interestingly, ChatGPT from OpenAI is designed to remember questions that have been asked before and can correct themselves according to the feedback provided by the user. However, the questions asked should not be over the line. This is because ChatGPT is also trained to reduce inappropriate questions from users. So far, OpenAI has only opened the bot for beta testing and evaluation. Meanwhile, new API access will be available next year.

ChatGPT is the latest model chatbot from GPT (Generative Pre-Trained Transformer) which is included in the OpenAI text-generating artificial intelligence platform. ChatGPT has a working system like DALL-E that uses machine learning and algorithms to make users feel like they are messaging real people. By leveraging ChatGPT, we can ask countless questions and will often get helpful answers. The chatbot is currently in "research preview" status, which means that the public is allowed to use the platform for free while the company gathers information about user experience. There are several features in ChatGPT Open A.I. They are question answers, solving math equations, writing text (basic academic articles, literary texts, film scripts, etc.), debugging and fixing (for example, detecting and fixing errors in any code block), translation between languages, summarize text and detect keywords in the text, classification, and make recommendations.

ChatGPT engine can simulate dialogue, answer follow-up questions, admit mistakes, challenge faulty premises, and reject inappropriate requests. Early development involved a human A.I. trainer providing a conversational model with development from both sides - the user and the A.I. assistant. The version of the bot available for public testing attempts to understand questions asked by users and responds with in-depth answers that resemble human-written text in a conversational format. Tools like ChatGPT can be used in real-world applications such as digital marketing, online content creation, answering customer service questions, or as some users have found, even to help debug code. Even though the chatbot service uses English, users can also write questions in Indonesian. The answers given are also following grammar that is easy to understand.

Several users who have accessed this platform state that ChatGPT is an alternative to the Google search engine. The platform is even capable of providing descriptions, answers, and solutions to complex questions. ChatGPT can help users create content for websites, answer customer questions, provide recommendations, and create automated chatbots. As if that was not enough, the app allows writing lines of code, short essays, and even pieces of music. OpenAI admits that ChatGPT can give completely wrong answers, and even present wrong information as fact. They stated that this problem was also still difficult to fix. On the other hand, there is speculation that ChatbotGPT will make jobs related to content production, from writers, journalists, and academics, to programmers, irrelevant. That can happen because of the application's ability to produce written text that is similar to the results of human writing (and thoughts). However, at least until now, these chatbots have limitations in that they lack an understanding of the context, critical thinking skills, and the ability to make ethical decisions. On the other hand, A.I. technology as a whole runs the risk of perpetuating societal biases such as race, gender, and culture. Tech giants like Alphabet Inc. parent of Google and Amazon.com (AMZN.O), have previously acknowledged some of their projects experimenting with A.I. are "ethically uncertain" and have limitations. In some companies, humans have to step in and fix A.I. havoc. Despite these concerns, A.I. research remains exciting.

In using ChatGPT, users just have to access the official OpenAI website. From there, all they have to do is select the "Try ChatGPT" option, then log in to start asking questions. So, users don't need to install applications from Google Play or the App Store. 1. Open the site

<https://chat.openai.com> on a P.C./laptop or smartphone. 2. Next, log in before using ChatGPT. 3. If you don't have an account, you can register using email or directly use a Google account 4. After success, please enter a question or statement in the existing conversation column 5. Finally, send it and within 1 to 2 seconds, ChatGPT will send a response. With its very high popularity, it is reported that since the first day ChatGPT was launched, more than one million users have tried to use the A.I. service.

At first glance, the use of ChatGPT is not much different from the Google search engine because users can type or ask anything on ChatGPT. However, before using it, you need an account first which can be registered on the [chat.openai.com](https://chat.openai.com) page. If we don't want to register an account with ChatGPT OpenAI, we can also log in using the Google or Microsoft account that you already have. After that, you are asked to enter a phone number to register with OpenAI as well as get a confirmation number. Then, you will be informed of several rules, from how OpenAI collects data, to how users send feedback. 1. Visit the page <https://chat.openai.com/> 2. We will be asked to log in if you already have an account or sign up if you don't (you need to verify your cellphone number to register). 3. If we have just registered, you will be redirected to the <https://beta.openai.com/overview> page. Return to page <https://chat.openai.com/> 4. We only need to type a command on the main page to give ChatGPT a write command, for example, "Write about Indonesia." 5. ChatGPT will immediately provide information according to the command given. If ChatGPT has no information regarding the given command or question, then the system will provide the most relevant information.

The development of artificial intelligence (A.I.) has indeed been very rapid in recent years. The implementation is also very broad, including making a bot that is ready to be chatted with. One of them is a dialogue-based A.I. called ChatGPT which was recently released. This bot was developed by OpenAI which of the course focuses its research on artificial intelligence. What makes ChatGPT special is the use of GPT-3.5 natural language generation technology. This technology allows later users to have friendly conversations with the A.I. OpenAI has developed this new generation of A.I. with strong restrictions on the possibility of abusive or hurtful conversations. The good news, users can try this ChatGPT for free now.

GPT allows A.I. to create any text. Apart from that, this A.I. intelligence can also make a general knowledge of a statement or prompt. Using ChatGPT, we click on URL and the register for an OpenAI account using an active email address and register or log in to our OpenAI account. At the bottom of the screen, we can see a type box in the ChatGPT interface. Type whatever we want to know to start chatting with ChatGPT. ChatGPT is software in the form of a generative language that uses technology to predict the next sentence or word in a conversation or a text command. ChatGPT from OpenAI can answer difficult questions with comprehensive answers. Therefore, ChatGPT has extraordinary intelligence compared to other chatbots.

The dialogue format allows ChatGPT to answer follow-up questions, admit mistakes, challenge wrong premises, and reject inappropriate requests. Users can simply visit the ChatGPT website and log in using their OpenAI account. After that, users can directly chat with the bot, or rather give orders or questions. ChatGPT has a structured conversation system so that users can ask the A.I. to write poetry, correct coding errors with detailed examples, write new code, make orders for AI-based artwork, and various other algorithms. It should be understood that ChatGPT is made more like a digital library or an intelligent answering machine. ChatGPT cannot answer questions that are evaluative or subjective. ChatGPT will also refuse to answer questions that lead to negative topics. Thus, users will not be able to ask or instruct ChatGPT to talk about hate speech, violent content, etc. There are several advantages provided by ChatGPT to a variety of users (Haque et al., 2022). However, because it is a new technology, understanding early adopters' feelings is crucial for several reasons. First off, early adopters are frequently the most enthusiastic and influential consumers of a product, and their views and feelings can influence how the general public perceives new technology. This data can offer crucial insights into the product's likelihood of success or failure. The OpenAI ChatGPT chatbot can respond to a query with prose that appears astonishingly smart (Frye, 2022). Perlman & Open A.I.'s Assistant (2022) explain that ChatGPT emphasizes the potential of artificial intelligence, particularly it's capacity to change our lives in a variety of ways, from the subtle to the profound. Many individuals may afraid that A.I. text generators like ChatGPT will pose a significant difficulty for educators, as it will soon be hard for them to distinguish between student and AI-generated texts.

Currently, technology has become a threat to the world of education, where theft of ideas and plagiarism is increasingly easy to do. Perhaps the threat is ChatGPT, a program created by the

Microsoft-backed company OpenAI that can shape arguments and write convincing English essays. Technology has raised widespread concerns that students will use software to cheat on written assignments. What is needed right now is a better way to evaluate students in the future. Lecturers and universities recommend that students handwrite or use typewriters to avoid cheating. This further strengthens the argument that artificial intelligence technology, in the hands of the wrong people, will make students lazy to 'think' and write based on their ability. With this application, maybe plagiarism will continue to exist and develop unless we as educators instill the values of integrity and respect. More than that, understand that technology is not made to commit fraud, but to make life easier.

There are many other interesting innovations driven by A.I., but not without a doubt. ChatGPT is an artificial intelligence technology that leverages language and is trained using millions of data points, including text and books. This technology produces convincing and coherent writing for questions by predicting the next plausible word in a word sequence, but often the answers are less than accurate and require fact-checking. OpenAI acknowledges the tendency for tools to respond with answers that sound reasonable but are wrong, a problem that has been deemed difficult to fix. Despite the many concerns originating from A.I., the ChatGPT chatbot has been successful in attracting the public's attention. Like many AI-driven innovations, ChatGPT is may not perfect. Unfortunately, this ChatGPT still has many limitations. OpenAI admits that sometimes answers from machines sound reasonable when they are wrong. It still needs constant improvement. A.I. technology also has the potential to be 'insensitive' or biased in sensitive matters in society such as race, gender, and culture. Because the A.I. technology itself has only been trained since 2021, there are also many gaps in this A.I., including explaining a topic inaccurately. But ChatGPT has a very long future. Likewise, the potential of its ability is said to be useful for various fields in the future. OpenAI acknowledges that the app has a tendency to come up with answers that "sound reasonable, but are incorrect or illogical". The problem is a challenge that must be resolved. In addition, artificial intelligence technology can also continue social biases, for example, biases in race, gender, and culture.

## CONCLUSION

Using ChatBot is easy. We can access ChatGPT on <https://openai.com/> or <https://chat.openai.com/> on the browser. We will be asked to log in before using ChatGPT. If we do not have an account, we can register via email or a Google or Microsoft account. After successfully logging in, enter a question or statement in the conversation column provided. Next, send it and ChatGPT will respond and the answer appears quickly in a split second. The user says "Can you help me in doing my English assignment?", ChatBot replies "Of course! I'd be happy to help you with your English assignment. What do you need help with? Do you have a specific question or task that you're working on, or is there a broader topic that you'd like help with? It would be helpful to have some more information so that I can better understand how I can assist you". Based on several tries, ChatGPT can answer all user questions on various topics such as English essays including "descriptive text about Solo, My Family, personal experience, an unforgettable moment during the trip, resolution on 2023 to be an English teacher, and future career to be a good English translator".

One of the famous products from OpenAI is GPT Chat. This chatbot uses advanced AI technology to understand questions and provide accurate answers. These chatbots can be used to help find information, answer questions, or even just chat with friends. One of the famous products from OpenAI is GPT Chat. This chatbot uses advanced AI technology to understand questions and provide accurate answers. These chatbots can be used to help find information, answer questions, or even just chat with friends. By using this chatbot, users can save time and effort in finding the information they need. This chatbot can also help understand a topic better because it can explain things in an easy-to-understand way. Apart from that, this chatbot can also be updated regularly to ensure that the answers given are always accurate and up-to-date.

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