TEACHING SPEAKING BY USING ARTIFICIAL INTELLEGENCE (AI)-BASED APPLICATION

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Abstract: This study explores the implementation of the Speechace in teaching speaking. A descriptive qualitative research approach was utilized, incorporating observations, interviews, and questionnaires for data collection. The findings revealed that the Speechace has a speaking test program that users can use for free. At the end of the test, there is a transcription of the assessment which contains sections on speaking skills such as vocabulary, grammar, fluency, coherence and relevance. Apart from that, Speechace also provides free conversation practice. Meanwhile, to use the speaking practice feature provided by Speechace, user can select the "Try in browser" section. After that, various speaking skills will appear that user can try from beginner to intermediate level. In this feature there are lots of conversations and not only words but some are also in the form of sentences which aim to teach students from a low level to a higher level. Thus, the learning process is more engaged with the use of interactive platform.
Key Words*: Artificial intelligence (AI), Speechace, Teaching Speaking*

INTRODUCTION

In many facets of life, English is required as an international language, Proficiency in English will undoubtedly be advantageous in the workplace and in the realm of education. (Handayani,2019) In various aspects of life, English is needed as an international language, and English language skills will certainly be useful in the world of work and in education. But we know english is a foreign language, learning it is quite difficult for students. Students speak their native language more

often than English. Learning to speak English can be a daunting task, especially for those who are not native speakers. Several factors contribute to this challenge. Firstly, many students lack motivation because they fail to see the relevance of English in their lives. Limited opportunities to use English outside the classroom or doubts about achieving fluency can hinder motivation. Secondly, fear of making mistakes impedes progress as students hesitate to speak English due to the fear of errors. This fear prevents them from practicing and honing their language skills.

Additionally, an uncomfortable learning environment can further discourage students from speaking English. If the classroom lacks support and encouragement, students may be reluctant to participate and take risks. Moreover, traditional teaching methods, such as lectures and grammar drills, often prioritize memorization over communication and practice, rendering them ineffective for language acquisition. Overall, these factors create an environment where students are disengaged and lack motivation, leading to boredom, frustration, and slow progress in learning English. As what Maher (2016) identifies several factors that contribute to students' difficulty speaking English, including anxiety, shyness, fear of making mistakes, and lack of use.

However, it is important to know now that the era of globalization and Industry 4.0 creates creativity, new opportunities and challenges, for example in the field of technology. Therefore, technology plays a very important role in conveying information in the form of text, images and sound (Rahayu & Pujiyono, 2017) Advances in information and communications technology have fundamentally changed the way we work, communicate and collaborate. The internet and digital devices

allow us to connect with people around the world, share ideas, and tap into limitless resources. Moreover, according to Kandasamy & Shah, (Kandasamy & Shah, 2013). today's millennial generation is highly dependent on technology, where digital devices act as an integral tool in education, work, social interaction, and entertainment, thus shaping their lifestyle and communication habits. this is proof that technology in this day and age is very powerful in all fields, even many people cannot live without using technology. The importance of technology lies not only in the efficiency, and convenience it offers, but also in its ability to solve complex problems, accelerate innovation, and open doors to new opportunities. However, along with the benefits, there are also challenges and ethical considerations that must be faced in the wise use of technology. Therefore, the development, use and regulation of technology needs to be carefully monitored to ensure that its positive impacts can be enjoyed widely and sustainably.

Based on situation right now several technology advancements that can aid students in learning to speaking, one of which is a chatbot. As we know, a chatbot is a computer program designed to simulate human conversation, attract considerable attention.in the field of education. Its ability to interact with learners, provide instant feedback, and offer personalized learning experiences has garnered significant interest among educators and researchers alike. By leveraging natural language processing algorithms and machine learning techniques, chatbots can engage students in interactive dialogues, address their queries, and assist in various aspects of learning, ranging from language acquisition to concept clarification. With a variety of categories, the potential of chatbots to support and improve educational practice is being explored, paving the way for new methods of learner teaching and support. Then, due to the fact that we are living in such a technologically advanced moment, there are several chatbot programs that may help

students practice their English speaking, such as Duolingo, ELSA Speak, SPEECHACE, SPEAK AI, etc.

LITERATURE REVIEW

The Nature of Speaking

Speaking requires social skills, language, and thought processes, making it a complex process (Ismiati, 2011:45). It implies that in a communication action including the expression of an opinion or a concept, there should be a single speaker and one listener. Speaking is a complex prepare since it includes considering, dialect and social abilities (Ismiati, 2011:45). It means in communicating to communicate conclusion or thought there ought to be one speaker and one gathering of people in this activity. When the speaker talking, he communicated his supposition, sentiments and concepts towards the audience. In this way, it can be concluded that people as social creatures can associated with each other to share data, conclusions, and revelations sentiments through talking abilities. Concurring to Chaney, talking is. the method of building and sharing meaning through the utilize of verbal and non-verbal images, in assortment of settings. (Chaney, A., & Burke, T.).

Speaking is an action that a speaker takes in real life to express his or her thoughts and engage with listeners, according to Thornbury (2005: 20). The activities are spontaneous, and circumstances determine whether they continue or not. "Speaking is a skill which is more difficult to master than the other skills because it can be held alone in the process of learning it," according to Sadtono (1983: 26–27) in Rohmawati (2001: 1). To practice it, you need a partner or partners. However, if someone is

proficient in it—that is, able to communicate freely—it can aid in the mastery of other abilities like reading, writing, and listening.

Speaking is considered a fundamental kind of oral communication in society, according to Caroline (2005: 45). Speaking is the most common way for community members to convey their thoughts and adopt social behaviors through communication. Furthermore, speaking is the act of creating and conveying meaning through the use of both verbal and nonverbal cues in a range of contexts, according to Kayi (2006: 1). Speaking is one of the four essential English language skills, according to Boonkit (2010), particularly for non-native speakers. The ability is defined as the capacity to recount actions in exact terms, to use language in real-world situations, or to communicate ideas clearly and effectively.

Definition Speechace

Speechace is a Platform founded by Abishek Gupta in 2014 which focuses on helping English learners with their speaking skills through voice recognition technology. The technology is specifically designed to assess a person's pronunciation and fluency in English. This Platform is one that uses API technology in voice recognition technology. Speechace develops API technology that not only helps users assess speaking skills, but also provides immediate feedback on pronunciation errors. Speechace offers various features to improve your english speaking skills. Through a user-friendly interface, users can access interactive speaking exercises and get instant feedback. With a focus on assessing pronunciation and fluency, Speechace provides in-depth understanding of areas where users need to improve. Additionally, the platform provides a variety of learning materials, including collections of commonly used words and phrases, realistic dialogues, and situational scenarios. It is designed to provide a contextual speaking experience, allowing users to hone their skills in a variety of everyday situations.

METHODOLOGY

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This research will use a descriptive qualitative research method. Moleong (2005) Qualitative research is research that intends to understand the phenomenon of what is experienced by research subjects such as behavior, perceptions of motivation, actions and others. This research will focus on the methods of collecting, analyzing, and describing the results of the analysis. The purpose of this research is to explore and describe how teacher use chatbot for teaching Speaking.

FINDING AND DISCUSSION

The Implementation of Speechace in Teaching Speaking

Speechace has a speaking test program that users can use for free. At the end of the test, there is a transcription of the assessment which contains sections on speaking skills such as vocabulary, grammar, fluency, coherence and relevance. From these results, users can find out more about the extent of their speaking abilities.

Apart from that, Speechace also provides free conversation practice. The material is still basic, so it is easy to follow. Meanwhile, to use the speaking practice feature provided by Speechace, you can select
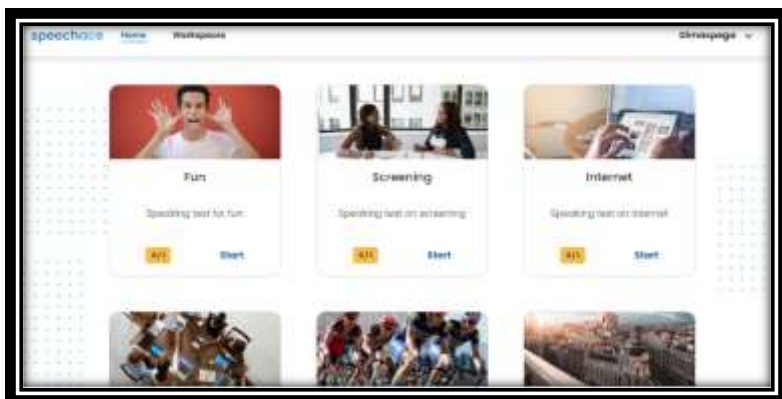
the "Try in browser" section. After that, various speaking skills will appear that you can try from beginner to intermediate level. In this feature there are lots of conversations and not only words but some are also in the form of sentences which aim to teach students from a low level to a higher level.

In the feature above we will be given a short sentence first, then we are asked to say the appropriate sentence, and after we say the sentence There will be results that come out where we made mistakes when speaking and if there are no mistakes then we can continue.

CONCLUSION

Speechace has a speaking test program that users can use for free. At the end of the test, there is a transcription of the assessment which contains sections on speaking skills such as vocabulary, grammar, fluency, coherence and relevance. Apart from that, Speechace also provides free conversation practice. Meanwhile, to use the speaking practice feature provided by Speechace, user can select the "Try in browser" section. After that, various speaking skills will appear that user can try from beginner to intermediate level. In this feature there are lots of conversations and not only words but some are also in the form of sentences which aim to teach students from a low level to a higher level. Thus, the learning process is more engaged with the use of interactive platform.

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