

CHAPTER I

INTRODUCTION

In this chapter, the introduction of the study consists of the background of the study, the research problem, the objective of the study, the assumption, scope, and limitation, the significance of the study, and the definition of the key terms.

A. Background of Study

Education is a tool or functions as a guide to the goals of human life who want to seek knowledge and provide an experience in it. The essence of education cannot escape the intervention of the teacher as a director and has control over it. Educational development has a reform that aims to create innovation in education. elements in education have a curriculum and programs that refer to the vision and mission of the agency or institution. referring to a more specific discussion of education, namely related to learning English, is an element in which English is felt to be very important because English is classified as a global language, that is, it is included in an international language. English includes 4 main components, namely speaking, reading, writing, and listening. The dynamics in learning English have innovation and renewal in terms of speaking, writing, listening, and reading because in learning English itself, there is a culture that is slightly modernized with Western culture as the foundation, but the application is adapted to the existing culture and learning systems that are appropriate in Indonesia. At the university level, there have been many changes in terms of strategy curriculum and learning media for students in the classroom, to have a function, namely renewal and a modern operational system. rapid advances in artificial intelligence (AI) have

revolutionized various aspects of human life, including education.

In the field of language learning, AI has become a promising tool to improve students' English skills. As the integration of AI technologies continues to shape modern educational practices, it is essential to examine how students perceive the impact of AI on their English skills and competencies. any. Understanding students' perspectives is important for educators, policymakers, and researchers to effectively leverage AI in language learning settings and develop strategies tailored to needs and interests.

The application of English is generally contained in the curriculum which is modified according to the needs of certain proxies. As time and years develop, the use of learning media is often found and is accompanied by the application of strategies in optimizing learning activities. Many strategies can be used in English language learning, in renewal and modernization the use of AI plays a big role and plays a role in this. Artificial Intelligence (AI) according to John McCarthy is a science and technique to create intelligent machines, especially in creating intelligent computer programs or applications. AI is a step to create computers, robots, or applications or programs that work intelligently, such as humans (McCarthy, 2007). The function and purpose of AI itself in general is to apply and create artificial intelligence that exists in humans which is packaged in developed technology, and functions as a substitute for some aspects that are beyond human capacity. Combined with English language learning, AI also has great potential to help students and teachers at universities simplify the learning process.

Many types of AI can support and make it easier for students to learn

English, for example, *Write Sonic Ai*, *Chat Bot*, *Speak Ai*, *Lateral.Io*, and *Listening.Io*. AI itself is very suitable and optimal in terms of use referring to the subject, namely students, if students tend to have sufficient competence in learning English and can operate AI as it should, it will make the work easier and easier for students, on the other hand, if students are less capable in learning English, then AI becomes a solution or tool and can improve skills in English. In AI, sometimes students tend to be addicted or go into a dependency phase which will give the impression that students tend to use AI as a shield or rely on learning from it.

This study aims to explore students' perceived of the impact of AI on their English skills. By exploring students' attitudes, beliefs, and experiences, this study seeks to uncover valuable insights into the effectiveness, challenges, and implications of integrating AI into language learning. Through a comprehensive analysis of the impact perceived by students, this study seeks to contribute to the ongoing discussion around the optimal use of AI to promote language proficiency and communication skills. Inform education stakeholders about the potential benefits and considerations related to integrating AI into English learning practices.

B. Research Problem

1. What are the students' perceived impact of the use of Artificial Intelligence (AI) in English competencies?
2. What is students' point of view on their perceived impact of Artificial Intelligence (AI) in English competencies?

C. Objective of the study

In this research, this study aims to determine students' perceived to using AI in English competencies on anybody learning English scale. From this research, the researcher assumes that this research can provide perceived to students regarding AI which functions as an AI in English competencies, to find out students of view their perceived impact of Artificial Intelligence (AI) in English competencies

D. Assumption

It is speculated that some students may find the use of AI in English lessons to have a positive impact on their engagement and learning interests. AI-based tools and technologies can be perceived as interactive and engaging, capable of motivating students to participate more actively in classroom activities. It is assumed that students' familiarity with AI technology may vary. Some students may have prior experience with AI-driven applications, while others may be relatively new to such technologies. This diversity in familiarity could influence their perceptions of AI in the classroom.

E. Scope and Limitation

This research tries to broaden its scope by investigating students' perceived impact of the usage of AI in English competencies. The subject is anybody learning English, is a student at the university level, Senior high school and Student in English course.

F. Significance of the Study

The importance of this research is to show the importance of English competencies to optimize English learning through AI. AI here is used as a tool

that helps students improve and optimize their English. In the current era, AI is considered quite new and has the ability in the learning process, both writing and speaking, reading and listening. AI's existence has developed and even become a means of teaching in the European region which is dominated by developed countries.

G. Theoretical Significant

Researchers believe that this research can help students find effective media for learning English, especially related to AI, where AI has greater reach and can influence students in English through AI. AI is considered capable enough to make students study English optimally.

H. Definition of Key Terms

1. Perception

Cognition has a narrow meaning and a wide. In a narrow sense, perception involves seeing, in a way someone sees something, although, in the broadest sense, it is a point of view or understanding, specifically how someone perceives or perceives something. perception "sense result of observation" claims that perception is an experience of objects cognition can be defined as a process of selection, organization, etc. interpreting stimuli into a meaningful picture of the world and complete. Perception according to Joseph awareness is a process through which we perceive abundance Stimuli affect our senses.

2. Students' Perception

Student perception is the student's perspective on something that happened during the learning process and was created by suggestions or

arguments with teachers or classmates to improve their learning process. Perception is someone's thoughts about something and he learned to measure his attitude by using something, whether they agree with the method or not something they learned This means students have their own opinions about something that arises from the teaching process and how they achieve it.

Students' perception of teachers' knowledge of the subject matter, attitude towards work, and teaching skills are completely dependent on practice that they have been trained by evaluated teachers and that they are familiar with Surname. So, their minds are already preoccupied with memories and reactions. that the inventory for data collection will measure. According to the above definition, students' cognition is the way they think answers about what they did or what they learned

3. AI

AI is an artificial technology that is programmed like the human brain's capacity to do things and can explore the limits of the human brain's capacity Artificial Intelligence (AI) or intelligence artificially becomes the driver of the Industrial Revolution 4.0 which promises many conveniences to government and industry. Internet of Things (IoT) with big data, for example, AI can be implemented, the technology has been widely adopted in the industrial era 4.0 connecting each device, a person can automate all devices without having to be on-site, more than that, currently has many machines can interpret something certain conditions or events with assistance AI, as has intelligent camera detection vehicle volume density on the road using technology

4. English Competences

Refer to a person's abilities, skills, and knowledge related to the English language.

These competencies encompass various aspects of English proficiency, including speaking, listening, reading, writing, and understanding grammar and vocabulary. English competencies can be measured in terms of a person's capability to effectively communicate, comprehend, and use the English language in different contexts, such as academic, professional, or social settings. These competencies are essential for individuals who need to interact, work, or study in English-speaking environments. They are typically assessed through examinations, tests, or evaluations to determine a person's level of proficiency and language skills in English.