



PANCASILA STUDENT PROFILE AS AN EFFORT TO STRENGTHEN CHARACTER IN FACING AI IN THE ERA OF THE FOURTH INDUSTRIAL REVOLUTION (ERA 4.0)

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Abstract:

Education in Indonesia aims to internalize the values of Pancasila in the pupils, becoming a shared responsibility between family, school, and society. This research highlights the important role of education in shaping the character of the student profile of Pancasila as the basic capital of the nation. The research focuses on the social changes that occurred in the era of the Fourth Industrial Revolution (Era 4.0), especially with the emergence of artificial intelligence (AI) technology and the use of AI Chat as a learning tool. Character education is necessary to give birth to a young generation that has the identity of a strong nation. However, the challenges of the 4.0 era, such as information openness and digital globalization, demand new approaches. Using AI Chat as a learning tool becomes a solution to shaping the Pancasila generation. The research explores the impact of student interaction with AI Chat technology on character aspects, such as independence, digital ethics, and communication skills. Pancasila's student profile is a guide in embedding character in accordance with the values of Pancasila. This research aims to provide a deep understanding of student interaction with AI Chat and explore the integration of this technology into the educational curriculum. Thus, it is expected that AI Chat technology not only provides knowledge, but also forms a positive character, laying the foundation for individual success in the era of the Fourth Industrial Revolution.

Keywords: *Education Character, Profile Students of Pancasila, Era of the Fourth Industrial Revolution (Era 4.0), Artificial Intelligence Technology (AI)*

INTRODUCTION

Schools as educational institutions have an obligation to internalize students so that they are able to implement the character dimensions of the Pancasila student profile as the nation's basic capital. For the sake of the integrity of the Unitary State of the Republic of Indonesia (NKRI), cultivating the dimensions of the Pancasila student profile is not only the responsibility of the school but requires cooperation between families and the community. The ethical values contained in Pancasila are contained in the educational system which aims to make the nation's life more intelligent because Pancasila ethics can be a guide for humans to strengthen their hearts and minds in making decisions and actions to be taken with the hope that the results of implementing the Pancasila student profile can be enjoyed by all (Baktiyar et al. 2023).

Education plays an important role in shaping and strengthening the identity of the Indonesian nation. Education provides opportunities for students to learn and have values and norms that are a reflection of the identity of the Indonesian nation, such as Pancasila values, diversity and local wisdom (Multazam et al. 2022). It is hoped that education can give birth to a young generation who have national identity and understand Pancasila law. Not only that, education is one factor that can be a solution

to the challenges that occur in Indonesian society and improve the quality of life of Indonesian people in the Industrial Era 4.0.

As we already know, in the industrial era 4.0, openness of information, globalization, which is all digital, anyone can gain knowledge without an educator. So currently there is an important need for Indonesia to form a Pancasila generation, namely through character education. With character education, students can improve students' abilities and skills in making good and bad choices, maintaining all good values and applying them in everyday life, not only in the environment, but also in society (Komara 2018).

In the era of the fourth industrial revolution (Era 4.0), technological developments were very rapid, especially artificial intelligence (AI), not only having an impact on the business world, education was also one of the areas affected by this AI technology (Yang, Ogata, and Matsui 2023). One innovation that stands out is the use of AI Chat, which offers interactive learning experiences in the form of text-based conversations (Setiawan and Luthfiyani 2023). AI (Artificial Intelligence) means artificial intelligence that uses a conversational structure by means of a human saying a question to an AI-type device that will directly get an answer quickly (Yang et al. 2023). The use of AI Chat as a learning tool raises questions about how interaction with this technology can influence the development of students' character and what needs to be done to deal with all the impacts of this technology. Therefore, the Pancasila student profile has a competency structure that focuses on building student character in line with the values contained in Pancasila.

Internal factors in the competency profile of Pancasila students are identity, ideology and the ideals of the Indonesian nation. External factors relate to the background of life and challenges of the Indonesian nation in the 21st century which is currently in the fourth industrial revolution (era 4.0). Research on character strengthening in the use of AI Chat in Era 4.0 for students is becoming increasingly important to explore. A deep understanding of students' interactions with AI Chat can provide insight into the technology's impact on aspects of character, such as independence, digital ethics, and communication skills. Through careful analysis, we can explore the best ways to integrate this technology in the educational curriculum so that we not only gain knowledge, but can also form positive characters that are the foundation for individual success in this era full of change.

RESEARCH METHODS

The research method used was qualitative through literature study. This library study research process links study, analysis and synthesis from various sources of written information that are related and existing from previous researchers (Cawelti 1969). Sources of this information can be in the form of research reports, books, theses, journals, scientific articles, and so on. In this research the author attempts to explain and conclude the challenges of strengthening character in facing artificial intelligence in the industrial era. The sources of information in this research are with the following titles, Pancasila Student Profile as an Effort to Realize National Identity in the Industrial Revolution Era 4.0., Integration of Pancasila Student Profile Dimensions in Islamic Religious Education Subjects Facing the 4.0 Era at Tambakboyo State Vocational School, Strategy for Strengthening the Profile of Pancasila Students in Gadingrejo State High School 2.

The process of conducting library study research includes identifying problems and research objectives, searching for and determining relevant and reliable literature sources, determining and collecting data from various literature sources, analyzing and interpreting the data that has been collected then writing the results and drawing research conclusions.

RESULTS AND DISCUSSION

Today's global technology can be of great help in solving problems. However, it does not rule out the possibility that technological developments could harm students'

thinking and enthusiasm for learning because of the convenience provided by (Kurniawaty, Faiz, and Purwati 2022). In recent years, technological progress has become increasingly rapid. Along with the expansion of the industrial revolution, which resulted in increased productivity and production efficiency. The industrial revolution also brought major changes in politics, economics, and education.

Many changes have occurred in education due to technological advances. This includes the shift from face-to-face learning to online learning, teachers' use of traditional learning media to modern media, school data storage and correspondence administration systems that use technology. The existence of artificial intelligence (AI), which is also called artificial intelligence (AI), is an attractive development that has great power to change human life in the future.

In general, "artificial intelligence" refers to computer programs created to imitate the characteristics of human intelligence in terms of logic, decision making, and other characteristics (Chu, Hui-Chun Hwang, Tu, and Yang 2022). One of the famous people who introduced the concept of artificial intelligence in 1956 was professor John McCarthy, a computer scientist. Currently, many applications use AI, such as search engines and virtual assistants such as Cortana, Siri, and Google Assistant. In addition, AI has developed very quickly, and one example is its use in autonomous vehicles, or self-driving, which allows vehicles to move themselves without human intervention.

However, with the current industrial revolution which allows every activity to be carried out using technology, there are several things we need to pay attention to, such as the loss of the noble values of Indonesian culture which build the nation's character. If the next generation loses these values, Indonesia will lose its national identity, which differentiates Indonesia from other nations. The role of educators in encouraging ethics and moral values is very important when using AI Chat. At the very least, developing moral values and considerations for every decision made with AI Chat is very important.

In terms of the use of technology, moral considerations are very important to determine and choose the right action based on high moral principles. Through the "Free Learning Curriculum", the Indonesian Ministry of Education and Culture (Kemendikbud) is trying to create a generation of people who have noble cultural values (Nawanti 2023). These values are instilled in the Pancasila student profile and applied to students at school. Merdeka Belajar aims to improve the quality of education and help students achieve better achievements. In addition, a curriculum designed with a Pancasila student profile will help produce students who have strong Indonesian cultural values. Students who are polite, kind, have noble character, think critically, are independent and independent. The Pancasila student profile is implemented to overcome differences in student diversity and facilitate the formation of the character of dignified citizens in a democratic and civilized society. They also develop leadership, tolerance and a spirit of democracy in students, so that they can play an active and constructive role in their society and nation. By using this profile, it is hoped that students will become honest individuals and be able to work together in diverse environments. The following basic characteristics of the Pancasila student profile according to (Astuti 2023) include: having faith and being devoted to God Almighty and having noble morals, understanding global diversity, working together and working together, being creative, thinking critically, and having independence.

First, having faith in God Almighty and having noble character means that a student must have strong belief and fear in God as the source of all things. This includes adhering to the teachings of one's religion, applying these teachings in daily life, and having high respect for other people's religious beliefs. Having noble character also means that a student must behave well and politely, and have high morals and ethics. This includes respecting human rights and the environment as well as the principles of truth, honesty, hard work and togetherness. Therefore, by implementing noble morals in education, bad behavior will be eliminated from the nation's future generations due to the bad effects of the industrial revolution 4.0.

Second, "Global Diversity" is a term used to describe the characteristics, skills

and abilities expected of someone who has a strong understanding and appreciation of cultural diversity and is able to contribute positively to global society. This Pancasila profile aims to prepare students to live and work in an increasingly diverse and globally connected society. So, through the second profile, it is hoped that education can help them understand and respect cultural differences and diversity.

Third, gotong royong, one of the cultural values that shapes Indonesia's national identity, teaches that working together and helping each other is important to achieve common goals. Therefore, having a spirit of mutual cooperation is important for the nation's next generation to strengthen and continue the cultural values of mutual cooperation, which increases a sense of responsibility, increases the ability to adapt and solve problems, and increases a sense of solidarity.

Fourth, there is the possibility that the nation's creative generation will play an important role in creating works that reflect Indonesian culture and history and promote nationalist values. Apart from that, they can also be pioneers in building creative industries in Indonesia, which is one way to achieve this goal. To strengthen the nation's economy. Therefore, the government must include the Pancasila student profile in Indonesia's education guidelines to ensure that the creative generation can find work according to their abilities.

Fifth: Critical reasoning, a generation that reasons critically can help in determining what is considered important and relevant for evaluating and analyzing the values that exist in Indonesian society and culture which will then promote these values to society. By using modern technology in various areas of school, students' abilities in numeracy and literacy will increase, and they will be open to the emergence of new ideas.

Sixth, independence is the ability to do something independently without help or dependence on other people. This includes things like thinking, solving problems, making decisions, and controlling emotions and behavior. It is an important part of individual development and can help a person become more confident, think critically, and be more independent. Because the industrial revolution 4.0 is closely related to digital technology and data, the independent young generation must also have the ability to learn throughout life and be able to adapt to changes in the work environment. This will help seize opportunities from technological developments and encourage the country's economic development. The sixth point of the Pancasila student profile is shown to have the initiative to learn on their own and explore their own knowledge from various sources using sophisticated technology, hopefully they can solve their own problems and be responsible for the actions they have taken.

CONCLUSION

The results of the literature analysis show that the Ministry of Education and Culture hopes that the Pancasila student profile will become the character and daily habits of the younger generation. This will help the next generation maintain Indonesia's national identity and cultural values in the era of the increasingly advanced industrial revolution. Especially in the use of artificial intelligence technology, AI increasingly enables educators to face more challenges when using it. Therefore, it is hoped that this independent curriculum can help educators to maintain the standards of the Pancasila student profile so that they are not eroded by artificial intelligence technology which is becoming more and more sophisticated over the years. That way students can maintain ethical and moral values when using AI so that users can consider the benefits and consequences of relying on technology without filters. This can only be achieved if students understand and are able to apply the Pancasila student profile both at school and in society.

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