The Possibililies of Artificial Intelligences (AI) In English Learning: Lecturers and Students Perceptions

Achsan Anugrah

Universtas Muhammdiyah Parepare

Achsananugrah18@gmail.com

ABSTRACT

This research was conducted to see the possibility of using artificial intelligence in the process of learning English in the English Language Study Program at the Universitas Muhammadiyah Parepare. Especially their understanding and perspective of lecturers and students on the use of artificial intelligence in the process of learning English. This study uses Descriptive Qualitative by design taking two groups of subjects namely, subject from students and lecturers. The population of this study is the Department of English Language Education, Universitas Muhammadiyah Parepare. The subject of this study consisting of 14 subjects. the 14 subjects taken from the total subject in which 10 subjects from students and 4 subjects from lecturers. The results of the study indicate that the tendency of students still lacks understanding of what Artificial Intelligence is and for the use and effects of its use students understand that it is very useful and helps them and lecturers. From their perceptions related to the use of artificial intelligence in English language learning, students do not agree on full use in the learning process. As for the lecturers' subject, all said it was very possible, but in order to fully spread it, it still could not.

Keywords: Artificial Intelligence, Lecturers and Students Perceptions.

ABSTRAK

Penelitian ini dilakukan untuk melihat Peluang penggunaan kecerdasan buatan dalam proses pembelajaran Bahasa inggris pada prodi Pendidikan Bahasa Inggris di Universitas Muhammadiyah Parepare. Khususnya pemahaman mereka dan perspektif dosen dan mahasiswa terhadap penggunaan kecerdasan buatan di dalam proses pembelajaran Bahasa inggris. Penelitian ini menggunakan Desktiptif Kualtitaif dengan design mengambil dua kelompok subjek yaitu, subjek dari mahasiswa dan dosen. Populasi penelitian ini adalah Jurusan Pendidikan Bahasa Inggris Universitas Muhammadiyah Parepare. Jumlah subjek penelitian ini terdiri dari 14 subject. Dari 14 subjekini diambil dari jumlah keseluruhan subjekyang mana 10 dari mahasiswa dan 4 subjek dari dosen**.** Hasil dari penelitian menunjukkan bahwa adanya kecendrungan siswa masih kurang memahami apa itu Kecerdasan Buatan dan untuk penggunaan dan efek dari penggunaannya siswa memahami bahwa sangat berguna dan membantu mereka dan dosen. Dari persepsi mereka terkait penggunaan kecerdasan buatan dalam pembelajaran Bahasa inggris mahasiswa kurang setuju pada penggunaan secara penuh didalam proses pembelajaran. Adapun dari subjekdosen semua mengatakan sangat memungkinkan tapi untuk menjalangkan secara penuh itu masih belum bisa.

Kata Kunci: Kecerdasan Buatan, Persepsi Dosen dan Mahasiswa.

INTRODUCTION

The technology has an important role in the world especially in the human life. It is used to make the human work become easier, practically and also the technology easy to understand. the growing of the technology also invented many things especially Artificial Intelligences (AI), the smarter technology. According to the father of Artificial Intelligence stated that the science and engineering of making intelligent machines, especially intelligent computer programs (McCarthy, 2007). The AI can be found in many technologies such as machine and also the computer program. Computerized, assistant, and programmed that the artificial intelligences are. Also (Coppin, 2014) define that The

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Artificial intelligence is the study of systems that act in a way that to any observer would appear to be intelligent.

The Artificial Intelligences has many fields in work, in English, the artificial intelligences mostly used become a method. it is the teacher right choice to improve the student's ability using technology such like AI According to (Rahman, 2017) proposed that when we walk around this country visiting some schools and universities and asking the students about their interest of English, they may say that English is important but it's also difficult to be learned. English is important but not easy to learned, so to solve that better if the teacher using an interesting media. The artificial intelligences provide many features in learning process especially English we can find the Grammar program, listening Guide and Speaking Assistant program. The various method such this will give much impact. According to (Čepon, 2013) Most media and communication sciences research focuses on the impact of the media on various audiences.

(Johnson & Valente, 2009) Found that the research help learners attain higher levels of language proficiency. The levels of teaching can be helped with technology and created particularly challenge to the teachers itself where it helps the students a lot to get the point and construct and understand subject in Language Learning. The curriculum also expects that the teacher more creative in term to chose the media in learning because it will make the target of learning can be reach. The Computer assisted language learning (CALL) and Mobile assisted language learning (CALL) already used in the process as media, and here the problem that we just use that technology as a media never try to invented a new way such as that media become an Assistant in language process or become the central of study in the class should be become a good reason why AI should be conducted in English Learning.

Through this research, we suppose to get an information and the importance of understanding what is artificial intelligence. also, in this case whether the English community is ready to apply this technology in the process of teaching English or not at all and continue to use conventional educational methods that have taken place now.

METHOD

This research was designed used a Qualitative research is "Descriptive Research", to answer the question based on the existed phenomenon, according to Creswell (2016: 4)

stated that the are methods for exploring and understanding the meaning which some individuals or groups of people attribute to social or humanitarian problems. Descriptive Research refers to research that describes a phenomenon or else a group under study which is we focusing to describes the population through identifying the characteristics. The subject of this research was the English Education students from University of Muhammadiyah Parepare. The researcher was conduct 10 Subject from the students and 4 subjects from the Lecturers from English Education Department, the researcher was do an interview and observation process to collect the data. And analyzed the data with using triangulation method.

FINDINGS

After doing the research, the researcher found some findings. First, the researcher asks about the subject understanding of AI in first sections interview and found that Three of ten from the student said that they know what the Artificial Intelligences is and understand about it. Other one said that ever heard about it but don't really understand about it. And other six student participant stated that they don't know about AI. From the Lecturers two of four said they know about Artificial Intelligences. from the research findings found that majority from the students has less understanding about AI itself but after deep interview with them six of the ten students stated they don't understand of AI and can be categories that have less understanding about AI.

Second the researcher asking about the students perceptions about Artificial intelligences in language Learning and found that Eight of ten students disagreed if the Artificial intelligences become central of learning or the real teacher in the class, they stated that the teachers still need in class to teach the about moralities and also characteristic built another statement said that there is many things that the Artificial Intelligences doesn't have from the teachers ability such as eye contact, gesture, and also emotions. The also stated that the Artificial intelligences already proper if they still become a media in teaching models. The rest of them claimed that the Artificial intelligences able to teaching and control the class considering the growth of the technology and they argue that if the setting of the system perfect it will be become real.

The Last one the researcher asks the Lecturers perceptions about Artificial intelligences in Language Learning and obtained the data four of four participant claimed that it will able to helping in teaching but not in fully take control, means that the teacher

should become a controller in the class because there something that the Artificial Intelligences cannot teach such as character building, emotion connection, and also ethics.

DISCUSSIONS

1. Extend of Understanding of Artificial Intelligences of Students and Lecturers

This part presents the result of the data analysis. The data was found on three research focus, those part are Extend understanding of Students and Lecturers of AI, the Students perceptions of AI in language learning, and the last is the perceptions of lecturers of AI in language learning.

For the extend of participant understanding about AI can be categories into two version which are the student and Lecturers understanding. from the student subject can be categorized into low level understanding, from the data that gathered from interview the researcher found that six of the ten students stated they don't understand of AI and can be categories that have less understanding about AI, other hand from the Lecturers also can be categorized into low level understand, proved from the interview result showing that two of four lecturers stated that they know what it is and other one don't, Other one answer with unrelated answer. From this result can be concluded that the understanding of the participant about AI is low. The technology such as AI really important to understand especially for the lecturers itself because it can be become a perfect asset to improve their method in learning also to make the students interest in learning process. According to (Stošić, 2015) claimed that, the new generation of kids come ready to work with these new technologies and acquiring various cognitive knowledge.

Other interview result the researcher asking about the student and lecturers opinion about the existing of the AI as a media in learning process and asking about their understanding of effectiveness of AI and the result showing that nine of ten participant of students claimed that the effective of AI already proper in the class give their hand on their subject, efficient, also easy to use and they agreed that they interest in the media AI such this shown by six of ten students stated that they more interest in media like this than the conventional ways. It also already stated by (Garrison, 2011) in his research about E-Learning stated that Online learning integrates independence with interaction (connectivity) that overcomes time and space constraints in a way that emulates the values of higher education. From the Lecturers found that three of four said that this

media helping them in teaching and other one can't give information related the question because the media like this not fully applying. And they claimed that the media such as AI already help them to make the students more understand in the subject. The effect of this media really gives a big impact that already propose from both of informant. Information and communication technology have a positive effect on student learning and should be included in classroom instruction (Bulut & Delen, 2011).

2. Students Perceptions About Artificial Intelligences in Language Learning.

The result of this interview the researcher asking about the participant perceptions about the Possibilities of Artificial Intelligence in language learning in this case the Artificial Intelligence become a central of learning. From the finding result obtained that obtained Eight of ten students disagreed if the Artificial intelligences become central of learning or the real teacher in the class, they stated that the teachers still need in class to teach them about moralities and also characteristic built another statement said that there are many things that the Artificial Intelligences doesn't have from the teacher's ability such as eye contact, gesture, and also emotions. also stated that the Artificial intelligences better still become a media in learning Process. According to (Baytak, Tarman, & Ayas, 2011) We can say that Children today love to learn by doing, interacting, and discovering. Can be make summary that the day of the technology really helpful and much interesting and best way to be a media in learning process.

3. Lecturers perceptions about Artificial Intelligences in Language Learning

The result of this focus showed that the lecturer's response that four of four participants from lecture claimed that the Artificial Intelligence has a great potential and it able to teaching in the class but other hand it should be controlled by the teacher itself because there some aspect in the class that the Artificial intelligence can't handle such as Characters Built, and also emotions Connection. Adopting the technology in learning process is a precious way and give a lot of benefit. Cited from. (Office of Educational Technology, 2017) stated that the Technology can help learning move beyond the classroom and take advantage of learning opportunities available in museums, libraries, and other out-of-school settings and Technology access when equitable can help close the digital divide and make transformative learning opportunities available to all learners.

The great benefit can be reach from existed of Artificial intelligences and we can't admit that its really help us especially in learning process. A lot of media invents and help students study using their time much efficient more effective and easier.

CONCLUSION

Part of findings and discussion presented in the previous and after seeing the result from the research focus found that and can be conclude that the Artificial Intelligences still needed in language learning as a media also the there is more potential and possibilities of Artificial Intelligence in teach as long as there is a teacher as the controller behind it. In other word students and lecturers can provide valuable information about the Possibilities of the Artificial Intelligences in Language Learning. Therefore, it is important to use their insight to create a more relaxing environment.

SUGGESTION

Based on the conclusion above, the researcher gives some suggestion for some elements related to this research, as follow:

First, the teacher should be aware of the potential of Artificial Intelligence in Language learning. This study indicated that teacher's awareness of students needs of their interest in. Therefore, it is necessary to raise the teacher's awareness since the technology of Artificial Intelligence growth. Good acknowledgement of the existence of student's interest in language learning will absolutely influence the teacher in treating the learning process properly.

As for the students, they need to get involved to more increase their knowledge about the Artificial Intelligences. Students also should share a lot of information each other to create friendly interesting community.in addition, the language learning process can be improving especially where they study. Also hoping in the Future similar studies with larger population or different group of students will be useful to give a better understanding of the issues of the Artificial Intelligences. In addition, this study indicated that classroom activities or methods are also important component in making students feel comfort. This issue, however, is not specifically addressed in this present study. Therefore, further investigations about certain approaches or method that can help to improve the quality in learning English are needed.

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