Analyzing Students' Perceptions of English Language Learning Through Online Learning Implementation

Asnawi Muslem1*, Ika Apriani Fata², Lathifah M.Nur³ 🎈

1,2,3 Universitas Syiah Kuala, Indonesia

ARTICLE INFO

ABSTRAK

Article history: Received March 08, 2022 Revised March 11, 2022 Accepted July 30, 2022 Available online September 25, 2022

Kata Kunci:

Persepsi siswa; E-Belajar, pembelajaran bahasa Inggris daring; E-learning.

Keywords:

Students' perception; E-Belajar, English online learning; E-Learning.



This is an open access article under the <u>CC BY-</u> <u>SA</u> license.

Copyright ©2022 by Author. Published by Universitas Pendidikan Ganesha.

E-Learning yang juga dikenal sebagai pembelajaran online menjadi sepenuhnya digunakan selama tahun ajaran sebelumnya. Penelitian ini bertujuan untuk menganalisis persepsi siswa tentang kegunaan platform E Belajar sebagai media dalam kelas online bahasa Inggris, serta keberadaan guru bahasa Inggris. Metode yang digunakan adalah kualitatif yang terdiri dari kuesioner dan wawancara. Dalam kuesioner, 56 siswa dari salah satu sekolah diminta untuk menilai 20 pernyataan pada skala Likert lima poin. Sekolah ini dipilih melalui purposive sampling karena menggunakan platform E-belajar yang dirancang oleh kementerian pendidikan. Dalam wawancara, melibatkan lima responden melalui metode purposive sampling untuk mengeksplorasi secara mendalam kegunaan E-belajar dan kehadiran guru. Untuk analisis data, kuesioner terlebih dahulu dianalisis menggunakan SPSS IBM Versi 22. Sedangkan data wawancara dianalisis menggunakan analisis tematik. Hasil penelitian menunjukkan bahwa siswa lebih menyukai kelas offline karena penjelasan materi pembelajaran lebih jelas. Dalam kelas tatap muka, siswa dapat mengajukan pertanyaan langsung kepada guru dengan lebih mudah; mereka dapat menikmati diri mereka sendiri; waktu di kelas offline lebih efisien; penjelasannya lebih jelas, dan mereka bisa berinteraksi dengan guru. Singkatnya, mereka mengakui bahwa E Belajar bermanfaat dalam belajar bahasa Inggris dan bahwa guru harus mempertimbangkan untuk menggunakan platform digital selama kelas online bahasa Inggris; Namun, guru harus membimbing dan mengajar siswa dengan sesuai.

ABSTRACT

E-Learning also known as online learning became fully established during previous school year. This study aims to analyses students' perceptions of the usefulness of the E Belajar platform as a medium in the English online classroom, as well as the presences of English teachers. The method use is qualitative, consisting of a questionnaire and an interview. In a questionnaire, 56 students from one schools were asked to rate 20 statements on a five-point Likert scale. This school was chosen through purposive sampling because it used the *E-belajar* platform designed by ministry of education. In interview, there are five respondents through purposive sampling method to explore in depth usefulness of *E-belajar* and teachers presences. For the analysis, questionnaire data were analyzed using SPSS IBM Version 22, while the interview data were analyzed using thematic analysis. The result show that students preferred offline classes because the explanation of the learning materials was more obvious. In a face-to-face class, students can ask the teacher direct questions; they can maintain the offline class; they can gain more lessons in an offline class; they can understand more easily; they can enjoy themselves; the time in an offline class is more efficient; the explanation is clearer, and they can interact with the teacher. In summary, they acknowledged that E Belajar was beneficial in learning English and that teachers should consider using the digital platform during English online classes; however, teachers must guide and teach students accordingly.

1. INTRODUCTION

Since the corona virus outbreak rapidly which has influenced the educational systems and the process of teaching-learning activity the Ministry of Education, Culture, Research, and Technology change the school program from face-to-face class to an online learning for schools and universities during

Corona Virus Disease-19 (Covid-19) (Adnan, 2020; Liando et al., 2021; Zimmerman, 2020). This process was implemented to prevent the spread of the virus with the various policies for each region. All students and teachers must have been doing teaching-learning activities from home for six months utilizing elearning platforms, commonly known as an online learning system, under the Covid-19 circumstances (Adzobu, N, 2014; Ferdianto & Dwiniasih, 2019; Lusiyani & Dara Anindya, 2021). E-learning is mostly associated with synchronous activities employing computers/PCs and interactive networks (Coman et al., 2020; Pramita et al., 2021; Vagg et al., 2020). E-learning platforms, for instance Zoom, Google Classroom, and YouTube are frequently employed (Kumalawati et al., 2021; Mpungose, 2021; Nainggolan & Manalu, 2021). Moreover it also used popular e-learning platforms such as W3schools.com, Ruangguru, Zenius, and *E Belajar* are among Indonesia's most popular e-learning platforms. The process of online learning should be initiated as an alternative during the pandemic (Albashtawi & Al Bataineh, 2020; Nieto-Escamez & Roldán-Tapia, 2021; Renes & Strange, 2010). E-learning, often known as online learning, is a type of learning that takes place in virtual rooms and communicates via the internet rather than in a traditional classroom setting (Ashraf et al., 2017; Ryoo & Bedell, 2017; Ward et al., 2019). Previous researcher said that the strengths of using e-learning in the academic process from the participants' perspectives were desirable for information and education; support the implementation of an online academic program; responsibility; availability; and providing feedback on ongoing learning (Ogbonna et al., 2019). While the flaws include a lack of control, lack of experience and guidance, and internet connection restrictions. However, the majority of students said that e-learning was a better tool for supporting the teachinglearning process and that it was also an important tool for implementing online learning to prevent students from leaving the content from the face-to-face classroom (Arthur et al., 2020; Budi & Nurjayanti, 2013; Coskun & Marlowe, 2015). The change of learning activity into the virtual classroom also showed the various facts from learners in Indonesia. Previous study discovered a new fact: the abrupt process of infinite online learning, particularly in the Indonesian setting, has significant drawbacks, such as limited internet connection and barriers to virtual contact (Alruwais et al., 2018; Heggart & Yoo, 2018; Sadikin & Hamidah, 2020). It demonstrates that online learning has ushered in several new developments in the field of education. On the other hand, the transition from an English face-to-face class to an online classroom necessitates the teacher preparing or modifying learning materials that are appropriate for a virtual classroom (Oktaria & Rahmayadevi, 2021; Ramsin & Mayall, 2019; Syakur et al., 2020). Furthermore, a new truth about English learning was discovered in the virtual classroom through various perceptions either from students or teachers. Online learning is only the virtual platform through which instructors can remain connected with million of pupils during the outbreak online learning has never been accepted as a formal learning methodology (Chin et al., 2021; Panigrahi et al., 2018). Almost all schools and universities are investigating e-learning systems as an effective tool to achieve students' goals in an online classroom as part of this ongoing pandemic (Nugroho & Mutiaraningrum, 2020; Öz, 2014; Tawafak et al., 2019).

However, in other circumstances, e-learning platforms are used in face-to-face sessions as well. These new facts were discovered after students or teachers participated in e-learning and shared their experiences. Perception is a quick process of noticing something while receiving information (Noguera et al., 2018; Saykılı, 2018). Furthermore, previous research define perception as a person's actions in conveying an opinion, attitude, response, or stimulus about how something transpired based on personal experience and related facts (Chu et al., 2017; Lee & Drajati, 2019; Nugroho & Mutiaraningrum, 2020). Some studies have been conducted on students' perception of English online learning or the e-learning process. For example, previous research that looked into EFL students' perspectives of the usage of entirely online learning during the covid-19 outbreak (Kourieos & Evripidou, 2013). That found online learning offers more freedom in studying, it also presents problems while using the platform. These students, on the other hand, believed their instructor was usually positive about online learning. During the Corona pandemic, another study by previous research looked at the benefits and challenges of online language learning from two distinct English intensive courses (Hima et al., 2021). Their findings found that learners had certain difficulties and preferred face-to-face classes, with poor communication, motivation, engagement, and understanding is the most significant drawbacks. As a result, people discover that online language learning is simple to use, comfortable, and quick to review. In other words, the inquiry of learners' perceptions of the online classroom in the context of use and teachers' characteristics in the English class is very important to know how the platform can help students during distance learning. When it comes to novelty, after careful examination, we discovered that while other studies discussed online learning in general, this study focus on the application of *E-Belajar* designed by ministry of education and culture in Indonesia in 2019. It is under-researched and uncommon. Therefore, this study will fill in void since a junior high school in Banda Aceh used the E-Belajar platform to learn English in a virtual classroom as one of E-learning platforms. The present condition of this school showed the use

of digital platform presented positive and negative response towards this issue, students attitude showed they prefer to have face to face class with different and specific reason from each individual. However, it is essential to figure out students' opinions while using this digital learning platform in order to discover the success of its implementation by identifying at students' responses. Therefore this study aims to explore about students' perceptions of the usefulness of the *E-Belajar* platform as a medium in the English online classroom, as well as the presences of English teachers.

2. METHOD

The researchers employed using a qualitative-descriptive method, in which the questionnaire and interview were used as the instruments. Qualitative research is a method that describes problematic moments, occurrences, and activities through a collection of case studies, individual experiences, interviews, observation, and interaction (Creswell, 2014; Nassaji, 2015). The subjects of this study were the students from grades IX-1 and IX-2 in SMPN 2 Banda Aceh who experienced using *E Belajar*. The subjects of this research were 56 students and the researcher was chosen five respondents from 56 students for interview. The technique selection of the subject in this research was purposive sampling (non-probability sampling) to answer the research questions. The data for this study was gathered through questionnaires and interviews. The researcher utilized close-ended type for the questionnaires. The respondents were given a questionnaire with 20 questions in Bahasa Indonesia to fill out to collect data. From 20 questions, 10 questions were designed about the usefulness, while 10 questions were asked about English teacher characteristics. The questionnaire itself employed a five-option Likert scale that entails: (5) strongly agree; (4) agree; (3) neutral; (2) disagree; (1) strongly disagree. This research instrument had been adjusted and validated by other researcher and an expert regarded this study before it was separated to the participants. To support the questionnaire analysis, the researcher used 10 interview questions from the questionnaires. Five of the 10 questions dealt with the theme of usefulness, while the other five focused on English instructor traits. For the analysis, questionnaire data were first analyzed using SPSS IBM Version 22. The result of data were displayed in percentage and discussed descriptively to demonstrate the tendencies of students' perceptions. While the interview data were analyzed using Thematic Analysis. The Thematic analysis is a method of separating a large amount of data into relevant categories and recombining them into a classification of concepts that can be presented (Castleberry & Nolen, 2018). Finally, the findings of students' response were grouped and separated based on categories and presented in figure form.

3. RESULT AND DISCUSSION

Result

Students' perceptions of learning English through E Belajar implementation in terms of its usefulness. This finding first discussed regarded to the usefulness of *E Belajar* implementation in English online classes. Table 1 shows the students' perceptions of English language learning that are discussed descriptively.

N	Questionnaire Statements	Responses N = 56 (100%)					Total
	Statements	SA (5)	A (4)	N(3)	D (2)	SD (1)	
1.	Using <i>E Belajar</i> can improve my understanding of the English subject.	14.3%	25.0%	39.3%	17.9%	3.6%	100%
2.	English online learning facilitates me to communicate with English teachers and classmates	12.5%	46.4%	30.4%	8.9%	1.8%	100%
3.	Studying English through <i>E</i> <i>Belajar</i> help me finish the task because I can access related English materials on the internet	21.4%	39.3%	25.0%	14.3%	0%	100%

Table 1. Questionnaire data about the usefulness

No Questionnaire		Responses N = 56 (100%)				
Statements	SA (5)	A (4)	N(3)	D (2)	SD (1)	_
 got many benefits from elajar, such as gaining ne operience in using digi iedia to learn English. 	W	42.9%	32.1%	5.4%	1.8%	100%
5. earning English through <i>elajar</i> encourage me udy more.		35.7%	33.9%	16.1%	3.6%	100%
 earning activity in Engli ibject by using <i>E Belajar</i> vciting and engaging. 		23.2%	30.4%	32.1%	3.6%	100%
 sing E Belajar to lead nglish is useful during nline class. For examp earning English through to iternet by watching a vide 	an le, he	42.9%	41.1%	10.7%	12.5%	100%
8. sing <i>E Belajar</i> give me mo me to learn English.	re 8.9%	37.5%	41.1%	8.9%	3.6%	100%
 can express my idea nswer confidently throu Belajar. 		46.4%	28.6%	16.1%	1.8%	100%
10. prefer face-to-face Engli ass because t resentation of the mater more obvious th ırough <i>E Belajar</i>	he ial	14.3%	3.6%	0%	3.6%	100%

Based on Table 1, most of the responses from respondents for each statement fell within the agree with option as the highest percentage, which showed there was a tendency over the agreement among them in terms of the usefulness of *E Belajar*. The highest percentage displayed in question number ten with the statement that students prefer to choose English face-to-face class because the explanation from the teacher is more obvious, the percentage got 78.6% with strongly agree. 46.4% of students believed that *E Belajar* can help them to communicate with their English teacher and classmates. According to 46.4% of participants, learning English through *E Belajar* was helping students to express their idea and answer confidently. 39.3% of students confirmed that studying English through E Belajar assists them to finish the task. Then, 42.9% indicated students got many benefits while using *E Belajar*, such as gaining new experience to operate digital media. However, students showed 39.3% with neutral to expressed the situation how *E Belajar* sometimes able to improve their understanding of English. Students with 37.5% claimed E Belajar was useful for students to give enough time to study English. 42.9% of students implied learning English by watching videos also interesting during the online class. Besides, in terms of whether the digital platform was exciting or engaging, students employed 32.1% in disagreement about this statement. From the questionnaire result, it was found most of the students gave positive responses toward the issue. Several usefulness of using *E-Belajar* is show in Figure 1.

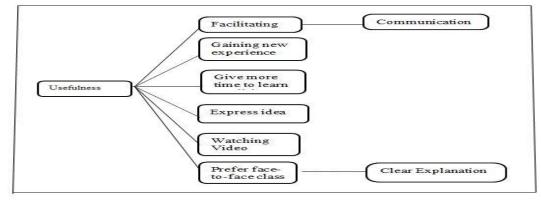


Figure 1. Several Usefulness of using *E Belajar*

Based on Figure 1, there are several themes that found related to the usefulness of *E Belajar* in learning English. The usefulness was (1) facilitating students to communicate with their classmates and English teacher; (2) Gaining new experience to operate digital media; (3) Give more time for students to learn English; (4) Students able to express their idea; (5) They can learn English by watching a video; and (6) They prefer to have face-to-face class because the explanation from the teacher is more detail. Here is the figure of the usefulness in *E Belajar* implementation.

Students' perceptions of learning English through E Belajar Implementation in terms of English Teachers' Characteristics

The researcher found the highest percentage in questionnaire result was presented with 50.0% "agree" regard to the issue that teacher gives enough time for students to learn English and the lowest percentage showed 0% for "strongly disagree" for questionnaire item number 11 related to whether the English teacher is friendly and motivated, then also questionnaire item number 12 which 0% "strongly disagree" about the teacher able to reduce students' anxiety in an online class, 0% also with strongly disagree that the teacher is very active in giving material for item number 13, and 0% "strongly disagree" for item number 15 that the teacher gives enough time to finish students' English task. Furthermore, the result of total percentage for each item related to their English teachers' characteristics are presented in Table 2.

No.	Questionnaire Statements –		Total				
		SA (5)	A (4)	N (3)	D (2)	SD (1)	
11.	teacher is friendly motivated	48.2%	35.7%	14.3%	1.8%	0%	100%
12.	teacher can viate students' iety in an English ne class while using <i>slajar</i> .	19.6%	37.5%	35.7%	7.1%	0%	100%
13.	teacher is very ve in giving material ough <i>E Belajar</i>	19.6%	39.3%	32.1%	8.9%	0%	100%
14.	teacher still trols the students ne when using <i>E</i> <i>ıjar</i> in learning lish	21.4%	37.5%	28.6%	10.7%	1.8%	100%
15.	teacher gives ugh time to finish a while using <i>E</i> <i>ijar</i> in the English ne classroom	26.8%	50.0%	19.6%	3.6%	0%	100%
16.	n easily understand lish material lained by the ther through <i>E</i> <i>ujar.</i>	7.1%	33.9%	44.6%	10.7%	3.6%	100%
17.	instructions given the teacher in <i>E</i> <i>ijar</i> during English ne learning are easy nderstand.	8.9%	35.7%	44.6%	7.1%	3.6%	100%
18.	teacher gives the lback through <i>E</i> <i>ıjar</i> after submitting English task	17.9%	35.7%	32.1%	12.5%	1.8%	100%

Table 2. Questionnaire Data about English Teachers' Characteristics

No.	Questionnaire Statements -	Responses N = 56					Total
		SA (5)	A (4)	N (3)	D (2)	SD (1)	
19.	teacher always uses lish effectively ing online learning.	10.7%	39.3%	37.5%	10.7%	1.8%	100%
20.	teacher conducts stions and answers vities through <i>ajar.</i>	23.2%	37.5%	28.6%	8.9%	1.8%	100%

Based on Table 2, half of the respondents showed a positive attitude towards their English teachers. Most of the answers themselves employed the agreement for each item. The highest percentage within the neutral option has presented 44.6% which means the teacher instructions were easy enough to be understood and 44.6% with the neutral option, students understand the instruction about the material that delivered by their English teachers. The lowest percentage presented with 0% strongly disagree with the item about the teacher being friendly and motivated. Moreover the teacher can alleviate students' anxiety in an English online class while using *E Belajar*, the teacher is very active in giving material through *E Belajar*, The teacher gives enough time to finish a task while using *E Belajar* in the English online classroom. English teacher characteristic is show in Figure 2.

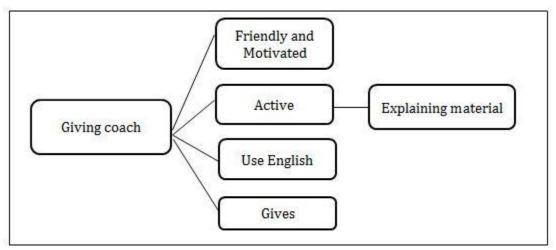


Figure 2. English Teachers' Characteristics

Through the interview, almost all respondents gave positive opinions related to the questions that the researcher asked. In this part, the researcher found several themes that described their English teacher characteristics as shown in Figure 2, there were (1) The teacher is friendly and motivated; (2) The teacher able to relieve their anxiety; (3) The teacher active in explaining the material; (3) Teacher still control the class; (4) Provides enough time to finish the task; (5) The teacher sends the feedback always; (6) The teacher often use English; (7) and also doing the questions-answers activity.

Discussion

Students' perceptions of learning English through E Belajar implementation in terms of its usefulness

The students had conflicting feelings about the value of E Belajar for learning English. Some Elearning systems can provide students studying English with quick access to useful language content. Transferring knowledge of the English language as the target language can be done well, language learning can be difficult due to teacher and student constraints (Lusiyani & Dara Anindya, 2021; Ramsin & Mayall, 2019; Sukmawati & Nensia, 2019). Several advantages of using E Belajar as a helpful online elearning classroom during critical scenarios were revealed during this investigation. English online education, based on students' responses in this study, can help students communicate with English teachers and classmates via E Belajar. E-learning process, it looks critical to encourage students' and teachers' proactive participation in English teaching-learning activities through various kinds of communication, such as online collaboration and prompt feedback (Istri Aryani & Rahayuni, 2016; Papadima-Sophocleous & Loizides, 2016). The interaction process in the online classroom was beneficial in this study thanks to the application or educational system *E Belajar*.

In addition, all of the participants believed that using *E Belajar* will assist them in completing the English task. Online classroom has various advantages, including flexibility, scalability, communication, and quality control (Aswir et al., 2021; Vázquez-Cano et al., 2017). Teachers also allowed students to look up pertinent answers using other resources, such as the internet or Google, to help them better articulate their responses. Students should write their replies in their own words to avoid copyright infringement or plagiarism. Furthermore, it was discovered that *E Belajar* is beneficial to students in online English classes, such as learning English by watching a video. This finding was in line with previous study who stated that students' usage of technology to study English is dispersed and extensive (Ramdani, 2019). However, the choice of *E Belajar* as an online English learning tool was appropriate for an online course and can also help students learn English, based on positive feedback from participants. It is similar with the study that state in a more sophisticated era, the online platform is able to virtually raise their hands and write the notes and get the meaningful emoticons (Rahim, 2022). Furthermore, the researcher discovered that pupils had a slightly positive assessment of their ability to grasp English when utilizing E Belajar. Learners used e-learning to improve their comprehension, independence, self-discipline, learning motivation, and communications with other students and teachers (Avando Bastari et al., 2021; Java Saragih et al., 2020). To summarize, learning English using *E Belajar* does not always fail to increase pupils' comprehension. Another point of view suggested that pupils are sometimes unable to comprehend the material delivered by *E Belajar* because of a variety of reasons and elements from learners, such as ineffective teacher explanations. Previous study state that several factors make online learning ineffective, including the inability for students and teachers to converge and ask directly when students do not understand the material, a lack of interaction, and difficulty understanding the material (Hong et al., 2022). To summarize, the number of factors determined whether English online learning is beneficial in helping students improve their English.

Students' perceptions of learning English through E Belajar Implementation in terms of English Teachers' Characteristics

In this study, the term English teachers' characteristics are related to the characters of English teachers as a role models either in an offline classroom or online classroom. Apart from teaching as the main duty, the teachers also have to spread other positive aspects to students to be effective English teachers to develop students' achievements because the teachers' style and technique in the English online classroom influenced students in the teaching-learning process. When it comes to the quality of English teachers. Previous study believed that they should be able to master the subject, know how to transform knowledge, and be good role models for pupils (Almanar, 2020; Marhaeni et al., 2018). Furthermore, researchers were selected in this study to learn about English teacher characteristics based on students' opinions during English online sessions via E Belajar. The majority of students agreed that their English professors in online classes are nice and motivated accordingly. It was supported by previous study that showed the English lecturers always trying to give the learning motivation to students in the interaction and discussion through an e-learning platform (Rahmani, 2020). Students' capacity to learn English efficiently during online learning was influenced by teachers' personalities, inspiring students to improve their English skills. Other researcher confirmed this conclusion, identifying three separate criteria for an effective English teacher: visual, auditory, and haptic (Uygun, 2013). Students responded that the teacher should provide challenge, punishment, the capacity, and originality to boost learners' attention, as well as be nice and patient in the auditory section. Furthermore, pupils stated that their English teacher offered them sufficient time to complete the task via *E Belajar*. Students were able to learn independently using *E Belajar since* the teacher enabled them to complete the work over a long period and submit it before the deadline. Previous study revealed that he never make things tough for pupils and understand the necessity of not overburdening them with work (Masterson, 2020). It is supported by other researcher 66 percent of respondents (almost 70 percent) believe that online learning is an excellent way to improve their time efficiency and study independently (Sari et al., 2019). Because teachers believed students were given ample time to finish the assignment, the researcher discovered in this study that pupils should be punished regarding time management. Regarded the final results of this research, It is revealed how the teachers' abilities and personalities throughout the online class gave an impact on students in the learning activity. Teachers' attitudes toward fully online learning may influence students to learn English to improve their understanding of English. Additionally, students need more attention while joining the online class, so they can get some motivation from their teachers. It is highly suggested for English teachers to remain teaching in personal approach even though the online application is available. And for further researchers particularly those who have the same interest and problem in conducting this issue, it may broaden to look at different software of online application worldwide. When involving in online learning process, students should learning effectively and discussed with the teacher for the problems which possibly appeared during the e-learning process.

4. CONCLUSION

E-Belajar was useful to learn English during the online learning process, such as facilitating students' communication with English teachers and classmates, assisting them in completing tasks, learning English by watching a video, gaining new knowledge to operate the digital system, and being able to confidently present their ideas during English class. Furthermore, while using E Belajar, it can improve their understanding of English courses. In contrast, it was explained that under certain circumstances they encounter problems to studying English through *E Belajar*, it was because the explanation that teacher presented was not obvious as in face-to-face class or could also be due to other factors and students perceived that *E Belajar* was not an exciting and engaging platform to use for English online class. Related to students' perceptions of learning English through *E Belajar* implementation in terms of English teachers' characteristics, the students showed a positive attitude towards their English teachers' characteristics. Students believed that their English teacher always spread positive characteristics even through online learning.

5. REFERENCES

- Adnan, M. (2020). Online learning amid the COVID-19 pandemic: Students perspectives. *Journal of Pedagogical Sociology and Psychology*, 1(2), 45–51. https://doi.org/10.33902/jpsp.2020261309.
- Adzobu, N, Y. (2014). Design, Use and Evaluation of E-Learning Platforms: Experiences and Perspectives of a Practitioner from the Developing World Studying in the Developed World. *Informatics*, 1, 147–159. https://doi.org/10.3390/informatics1020147.
- Albashtawi, A., & Al Bataineh, K. (2020). The effectiveness of google classroom among EFL students in Jordan: An innovative teaching and learning online platform. *International Journal of Emerging Technologies in Learning (IJET)*, *15*(11), 78–88. https://doi.org/10.3991/IJET.V15I11.12865.
- Almanar, M. A. (2020). The Shifting of Face To Face Learning To Distance Learning During the Pandemic Covid-19. Globish: An English-Indonesian Journal for English, Education, and Culture, 9(2), 111. https://doi.org/10.31000/globish.v9i2.2772.
- Alruwais, N., Wills, G., & Wald, M. (2018). Advantages and Challenges of Using e-Assessment. International Journal of Information and Education Technology, 8(1), 34–37. https://doi.org/10.18178/ijiet.2018.8.1.1008.
- Arthur, R., Dwi, R. N., & Lenggogeni, L. (2020). E-Module of Cost Estimating Course in Building Construction Vocational Undergraduate Program Faculty of Engineering Universitas Negeri Jakarta. Jurnal Ilmu Pendidikan, 25(2), 88. https://doi.org/10.17977/um048v25i2p88-96.
- Ashraf, H., Kazemi, B., & Kazemi, S. (2017). Technology in ELT: Iranian EFL Teachers' Perception towards Using Fotobabble in English Classes. *Language Teaching Research Quarterly*, *4*, 25–30. https://doi.org/10.32038/ltrq.2017.04.03.
- Aswir, A., Hadi, M. S., & Dewi, F. R. (2021). Google Meet application as an online learning media for descriptive text material. *Jurnal Studi Guru Dan Pembelajaran*, 4(1), 189–194. https://doi.org/10.30605/jsgp.3.3.2020.533.
- Avando Bastari, Adi Bandono, & Okol Sri Suharyo. (2021). The development strategy of smart campus for improving excellent navy human resources. *Global Journal of Engineering and Technology Advances*, 6(2), 033–043. https://doi.org/10.30574/gjeta.2021.6.2.0011.
- Budi, & Nurjayanti, B. (2013). Pengembangan Metode Pembelajaran Online Berbasis E-learning (Studi Kasus Mata Kuliah Bahasa Pemrograman). *Jurnal Sains Terapan*, *53*(9), 1689–1699. https://doi.org/10.29244/jstsv.2.1.59-66.
- Castleberry, A., & Nolen, A. (2018). Thematic analysis of qualitative research data: Is it as easy as it sounds? In *Currents in Pharmacy Teaching and Learning*. https://doi.org/10.1016/j.cptl.2018.03.019.
- Chin, K. E., Kwon, D. H., Gan, Q., Ramalingam, P. X., Wistuba, I. I., Prieto, V. G., & Aung, P. P. (2021). Transition from a standard to a hybrid on-site and remote anatomic pathology training model during the coronavirus disease 2019 (covid-19) pandemic. *Archives of Pathology and Laboratory Medicine*, 145(1), 22–31. https://doi.org/10.5858/arpa.2020-0467-SA.
- Chu, S. K. W., Zhang, Y., Chen, K., Chan, C. K., Lee, C. W. Y., Zou, E., & Lau, W. (2017). The effectiveness of wikis for project-based learning in different disciplines in higher education. *Internet and Higher Education*, 33, 49–60. https://doi.org/10.1016/j.iheduc.2017.01.005.

- Coman, C., Țîru, L. G., Meseșan-Schmitz, L., Stanciu, C., & Bularca, M. C. (2020). Online teaching and learning in higher education during the coronavirus pandemic: Students' perspective. *Sustainability (Switzerland)*, *12*(24), 1–22. https://doi.org/10.3390/su122410367.
- Coskun, A., & Marlowe, Z. (2015). Technology in ELT: English Teachers Investigate Animoto and Fotobabble. *International Journal of Higher Education*, 4(3). https://doi.org/10.5430/ijhe.v4n3p119.
- Creswell, J. W. (2014). *Research design: qualitative, quantitative, and mixed methods approaches* (4th ed). SAGE Publications.
- Ferdianto, F., & Dwiniasih. (2019). Learning Management System (LMS) schoology: Why it's important and what it looks like. *Journal of Physics: Conference Series*, 1360(1). https://doi.org/10.1088/1742-6596/1360/1/012034.
- Heggart, K. R., & Yoo, J. (2018). Getting the most from google classroom: A pedagogical framework for tertiary educators. *Australian Journal of Teacher Education*, 43(3), 140–153. https://doi.org/10.14221/ajte.2018v43n3.9.
- Hima, A. N., Saputro, T. H., & Farah, R. R. (2021). Benefits and challenges of doing task-based language teaching in Indonesia: Teachers' perception. *KEMBARA Journal of Scientific Language Literature* and Teaching, 7(1), 131–142. https://doi.org/10.22219/kembara.v7i1.15805.
- Hong, J. C., Liu, X., Cao, W., Tai, K. H., & Zhao, L. (2022). Effects of Self-Efficacy and Online Learning Mind States on Learning Ineffectiveness during the COVID-19 Lockdown. *Educational Technology and Society*, 25(1), 142–154. https://www.jstor.org/stable/48647036.
- Istri Aryani, I. G. A., & Rahayuni, N. K. S. (2016). Innovation of Teaching and Learning English Applied to Animal Sciences' Student with the Combination of Computer Media and Audio Visual. *International Journal of Linguistics, Literature and Culture, 2*(1). https://doi.org/10.21744/ijllc.v2i1.5.
- Jaya Saragih, M., Mas Rizky Yohannes Cristanto, R., Effendi, Y., & Zamzami, E. M. (2020). Application of Blended Learning Supporting Digital Education 4.0. *Journal of Physics: Conference Series*, 1566(1), 0–6. https://doi.org/10.1088/1742-6596/1566/1/012044.
- Kourieos, S., & Evripidou, D. (2013). Students' Perceptions of Effective EFL Teachers in University Settings in Cyprus. *English Language Teaching*, 6(11), 1–16. https://eric.ed.gov/?id=EJ1078477.
- Kumalawati, R., Murliawan, K. H., Yuliarti, A., Kartika, N. Y., & Noermelani, E. (2021). Utilization of information technology for learning in Covid-19 disaster conditions. *IOP Conference Series: Earth* and Environmental Science, 716(1). https://doi.org/10.1088/1755-1315/716/1/012001.
- Lee, J. S., & Drajati, N. A. (2019). English as an international language beyond the ELT classroom. *ELT Journal*, 73(4), 419–427. https://doi.org/10.1093/elt/ccz018.
- Liando, N. V., Pelenkahu, N., & Mongkaren, S. (2021). Students and Parents' Perceptions toward English Online Learning during Corona Virus Pandemic. *Jurnal Pendidikan Bahasa Inggris Undiksha*, 9(1), 91–97. https://doi.org/10.23887/jpbi.v9i1.35049.
- Lusiyani, R., & Dara Anindya, W. (2021). Choosing and Using Learning Media during Remote Teaching: Teachers' Thought. *Journal of English Language Teaching and Linguistics*) e-ISSN, 6(2), 2021. https://doi.org/10.21462/jeltl.v6i2.555.
- Marhaeni, A. A. I. N., Dantes, N., & Paramartha, A. A. G. Y. (2018). Teacher Assessment Literacy: Discrepancies in Authentic Assessment Practice in EFL Context. Proceeding Book of 1st International Conference on Educational Assessment and Policy, 2, 18–21. https://doi.org/10.26499/iceap.v2i1.90.
- Masterson, M. (2020). An Exploration of The Potential Role of Digital Technologies for Promoting Learning in Foreign Language Classrooms: Lessons for a Pandemic. *International Journal of Emerging Technologies in Learning*, 15(14), 83–96. https://doi.org/10.3991/ijet.v15i14.13297.
- Mpungose, C. B. (2021). Lecturers' reflections on use of Zoom video conferencing technology for elearning at a South African university in the context of coronavirus. *African Identities*, 00(00), 1– 17. https://doi.org/10.1080/14725843.2021.1902268.
- Nainggolan, A. P., & Manalu, R. B. B. (2021). Pengaruh Penggunaan Google Classroom Terhadap Efektifitas Pembelajaran. *Journal Coaching Education Sports*, 2(1), 17–30. https://doi.org/10.31599/jces.v2i1.515.
- Nassaji, H. (2015). Qualitative and descriptive research: Data type versus data analysis. *Language Teaching Research*, *19*(2), 129–132. https://doi.org/10.1177/1362168815572747.
- Nieto-Escamez, F. A., & Roldán-Tapia, M. D. (2021). Gamification as Online Teaching Strategy During COVID-19: A Mini-Review. *Frontiers in Psychology*, 12(May), 1–9. https://doi.org/10.3389/fpsyg.2021.648552.
- Noguera, I., Guerrero-Roldán, A. E., & Masó, R. (2018). Collaborative agile learning in online environments:

Strategies for improving team regulation and project management. *Computers and Education*, *116*, 110–129. https://doi.org/10.1016/j.compedu.2017.09.008.

- Nugroho, A., & Mutiaraningrum, I. (2020). EFL teachers' beliefs and practices about digital learning of English. EduLite: Journal of English Education, Literature and Culture, 5(2), 304–321. https://doi.org/10.30659/e.5.2.304-321.
- Ogbonna, C. G., Ibezim, N. E., & Obi, C. A. (2019). Synchronous versus asynchronous e-learning in teaching word processing: An experimental approach. *South African Journal of Education*, *39*(2), 1–15. https://doi.org/10.15700/saje.v39n2a1383.
- Oktaria, A. A., & Rahmayadevi, L. (2021). Students' Perceptions of Using Google Classroom During the Covid-19 Pandemicc. *International Journal of Educational Management and Innovation*, 2(2), 153. https://doi.org/10.12928/ijemi.v2i2.3439.
- Öz, H. (2014). Pre-service English Teachers' Perceptions of Web-based Assessment in a Pedagogical Content Knowledge Course. *Procedia - Social and Behavioral Sciences*, 141, 45–58. https://doi.org/https://doi.org/10.1016/j.sbspro.2014.05.010.
- Panigrahi, R., Srivastava, P. R., & Sharma, D. (2018). Online learning: Adoption, continuance, and learning outcome—A review of literature. *International Journal of Information Management*, 43(July 2016), 1–14. https://doi.org/10.1016/j.ijinfomgt.2018.05.005.
- Papadima-Sophocleous, S., & Loizides, F. (2016). Exploring the benefits and disadvantages of introducing synchronous to asynchronous online technologies to facilitate flexibility in learning. *CALL Communities and Culture – Short Papers from EUROCALL 2016*, 2016(2016), 363–368. https://doi.org/10.14705/rpnet.2016.eurocall2016.589.
- Pramita, M., Sukmawati, R. A., Purba, H. S., Wiranda, N., Kusnendar, J., & Sajat, M. S. (2021). Student Acceptance of E-learning to Improve Learning Independence in the Department of Computer Education. *Indonesian Journal on Learning and Advanced Education (IJOLAE)*, 4(1), 34–44. https://doi.org/10.23917/ijolae.v4i1.9265.
- Rahim, N. B. (2022). the Interaction Between Teaching Competencies and Self-Efficacy in Fostering Engagement Amongst Distance Learners: a Path Analysis Approach. *Malaysian Journal of Learning* and Instruction, 19(1), 31–57. https://doi.org/10.32890/mjli2022.19.1.2.
- Rahmani, E. F. (2020). The Benefits of Gamification in the English Learning Context. *IJEE (Indonesian Journal of English Education)*, 7(1), 32–47. https://doi.org/10.15408/ijee.v7i1.17054.
- Ramdani, A. S. (2019). The Use of Voki as A Media to Support the Enhancement of First Grade Students Speaking Skills at SMPN 4 Tambun Selatan. *Jurnal Inovasi Pendidikan MH Thamrin, 2*(1), 12–25. https://doi.org/10.37012/jipmht.v2i1.32.
- Ramsin, A., & Mayall, H. J. (2019). Assessing ESL learners' online learning self-efficacy in Thailand: Are they ready? *Journal of Information Technology Education: Research*, 18, 467–479. https://doi.org/10.28945/4452.
- Renes, S. L., & Strange, A. T. (2010). Using Technology to Enhance Higher Education. *Innovative Higher Education*, *36*(3), 203–213. https://doi.org/10.1007/s10755-010-9167-3.
- Ryoo, K., & Bedell, K. (2017). The effects of visualizations on linguistically diverse students' understanding of energy and matter in life science. *Journal of Research in Science Teaching*, 54(10), 1274–1301. https://doi.org/10.1002/tea.21405.
- Sadikin, A., & Hamidah, A. (2020). Pembelajaran Daring di Tengah Wabah Covid-19. *Biodik*, 6(2), 109–119. https://doi.org/10.22437/bio.v6i2.9759.
- Sari, D. A., Ellizar, E., & Azhar, M. (2019). Development of problem-based learning module on electrolyte and nonelectrolyte solution to improve critical thinking ability. *Journal of Physics: Conference Series*, 1185(1). https://doi.org/10.1088/1742-6596/1185/1/012146.
- Saykılı, A. (2018). Distance education: Definitions, generations, key concepts and future directions. *International Journal of Contemporary Educational Research*, *5*(1), 2–17. https://dergipark.org.tr/en/download/article-file/498240.
- Sukmawati, S., & Nensia, N. (2019). The Role of Google Classroom in ELT. *International Journal for Educational and Vocational Studies*, 1(2). https://doi.org/10.29103/ijevs.v1i2.1526.
- Syakur, A., Fanani, Z., & Ahmadi, R. (2020). The Effectiveness of Reading English Learning Process Based on Blended Learning through "Absyak" Website Media in Higher Education. Budapest International Research and Critics in Linguistics and Education (BirLE) Journal, 3(2), 763–772. https://doi.org/10.33258/birle.v3i2.927.
- Tawafak, R. M., Romli, A. B. T., Arshah, R. bin A., & Malik, S. I. (2019). Framework design of university communication model (UCOM) to enhance continuous intentions in teaching and e-learning process. *Education and Information Technologies*, 25(2), 817–843. https://doi.org/10.1007/s10639-019-09984-2.

- Uygun, S. (2013). How to become an effective English language teacher. *Journal of Educational and Social Research*, *3*(7), 306–306. https://doi.org/10.5901/jesr.2013.v3n7p306.
- Vagg, T., Balta, J. Y., Bolger, A., & Lone, M. (2020). Multimedia in Education: What do the Students Think? *Health Professions Education*, 6(3), 325–333. https://doi.org/doi.org/10.1016/j.hpe.2020.04.011.
- Vázquez-Cano, E., Meneses, E. L., & García-Garzón, E. (2017). Differences in basic digital competences between male and female university students of Social Sciences in Spain. *International Journal of Educational Technology in Higher Education*, 14(1). https://doi.org/10.1186/s41239-017-0065-y.
- Ward, Y. D., Ward, J. G., Lester, L.-J., & Tao, M. (2019). A Preliminary Study: The Use of VoiceThread in Online Business Courses. *Information Systems Education Journal*, 17(3), 29–40. http://isedj.org/2019-17/.
- Zimmerman, J. (2020). Coronavirus and the great Online-Learning experiment. *Chronicle of Higher Education*.