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THE STUDENTS' PERCEPTION OF THE ONLINE MEDIA USED BY TEACHER IN LEARNING ENGLISH Aprilia Prabawati¹, St. Asriati AM², St. Asmayanti AM³

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ARTICLE INFO	ABSTRACT
Article history: Received: 27 10 -2021 Revised: 4- 11- 2021 Accepted: 5-12- 2021 Published: 16-12-2021 Keywords: Perception, Online Media, Students' Perception, Teachers' Online Media in Learning English.	Research about online media was carried out during a pandemic era, online media can make easier for teacher to teach even without face to face. This research aimed to find out (1) The kinds of online media used by the teacher in learning English; (2) The students' perception of the online media used by the teacher in learning English. This used a Qualitative research; the instrument was an interview. The interview was distributed to the students that consisted of 20 students of the eleventh grade students at SMA Negeri 9 Gowa. The findings of the research showed the kinds of the online media used by teacher when learning English were Google classroom, YouTube, Google form and WhatsApp (WA). The researcher also gave some positive perception toward the online media used by teacher in learning English that is : The media help students to understand about the lesson easily and add insight and references, Increase students' motivation and interest in the learning, learning is more interesting, fun, relaxed and not boring, prevent and decide the spread of Covid-19 and effective, efficient and saving time. <i>This is an open access article under the <u>CC BY-SA</u> license.</i>
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INTRODUCTION

According to Oxford Dictionary (2007), perception is defined as the way you notice things, especially with the sense. Perception deals with the human senses that generate signals from the environment through sight (the eyes), hearing (ears), touch (the other parts of the body), smell (nose), and taste (tongue). It means that perception and human sense involve the organization of the acquired data or information.

Media is tool for teaching and learning process, everything that can be used to stimulate the mind, feeling, attention and ability or skill of students in order to encourage the learning process. It is also help the teacher to teach more effectively improve teacher's knowledge about the media in presenting materials and enable the students to learn more readily, specifically to fulfill objectives in a teaching-learning situation.

According to Sugeng (2010: 154), the media as a means or tool to facilitate teachers in teaching, and the teacher must choose the right learning media when teaching.

According to Dabbagh and Ritland (2005: 15) Online learning is an open and distributed learning system using pedagogical tools (educational aids), which are made possible through the internet and network-based technology to facilitate the formation of learning and knowledge processes through meaningful actions and interactions.

Online learning media can be interpreted as media equipped with a control device that can be operated by the user, so that the user can control and access what the user needs, for example downloading resources for Tenses material in English lessons.

According to Kuntarto (2017) show that online learning models have provided new experiences that are more challenging than conventional (face-to-face) learning models. Unlimited time and place to teach gives students the freedom to choose the right time in learning based on their interests, so that the ability to absorb learning material is higher than learning in class.

The learning process is ongoing in a system, and the learning media occupy a very important position in the components of learning. Without the media, communications will not occur, and the process of learning as a process of communication will not be able to take place optimally.

RESEARCH METHOD

The method of this research was qualitative descriptive. Qualitative research methods were used to examine question that can best by verbally describing how participants in a study perceive and interpret various aspects of their environment. Qualitative research refers to process-oriented methods use to understand, interpret, describe and develop a theory on a phenomena or setting. It is a systematic, subjective approach use to describe life experiences and give them meaning.

In this study, the researcher investigated students' responses toward the media used by the teachers; it is along with the objective of this study to identify the online media used by teacher and the students' perceptions of the online media used by teacher to collect the data.

The subject of the research was conducted in the Eleventh grade students of SMA Negeri 9 Gowa in academic year of 2020-2021. The researcher observed 2 classes in the Eleventh grade, namely XI MIPA 1 and XI MIPA 2 that consisted of 20 students, 10 students from XI MIPA 1 and 10 students from XI MIPA 2. In this research, The researcher used random sampling. The reason the researcher used random sampling, because it was even in the sample selection so that it didn't only focus on 1 particular criterion.

For this research, the researcher acted as the main instrument. To collect the data, the researcher conducted interview. Interview was activity that involves interviewer and

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interviewee where the interviewer gave 10 questions to be answered by interviewer. The researcher used this interview to find out data about the online media used by teacher and the students' perception of the online media used by teacher in learning English.

The data analysis technique used in this research was an interactive model of analysis. According to Miles and Huberman (1992:16) in this model there are three analysis components, namely data reduction, data display and conclusion drawing.

RESULT AND DISCUSSION

Result

- 1. Online media used by teacher in learning English
 - a. Google Classroom

One way that can be used to carry out the learning process online is by using Google Classroom. The use of Google Classroom can be through multiplatform, namely through computers and through devices.

S7 : Google classroom it's very easy to do and great for collecting assignments.

S10 : I like better **Google classroom**, because it can be neatly arranged and we can also see which assignments have not been completed.

S14 : If I personally prefer learning media via **Google classroom**, because for example if there is an assignment or note given by my teacher, it will be easier for me to see what assignments or notes are given by the teacher which I can see in the assignment list in Google classroom, when I want to send an assignment.

b. Youtube

Youtube is one of the most popular video sharing services on the internet today (Snelson, 2011). With the inclusion of Youtube as an alternative learning media, it is hoped that students can improve collaboration skills and integrate

S18 : I prefer to watch videos on the **Youtube** channel because the videos contain explanations of material and are easy to understand so that I can understand the learning or material more easily.

Vol. 1, No. 3, December 2021 ISSN: 2828-1586, E-ISSN: 2810-0352 technology into educational programs. YouTube can also stimulate active learning and provide additional knowledge beyond the expected abilities (Agazio & Bucklev in Sharoff, Leighsa 2011).

c. Google forms

Google Forms can be one of the recommended software for making online assessment tools. The interface and how to use it are quite simple so it's easy to understand.

S1: Sometimes **Google forms** are used when we perform

d. WhatsApp (WA)

WhatsApp messenger or WhatsApp (WA) is a messaging application for smartphones with a basic similar to Blackberry.

S9: My favorite learning media is **WA group**, because in my opinion it is easier to access in learning.

S20: The learning media that I like is **WA**, because it doesn't take too many quotas.

2. Students' perception of the online media used by teacher in learning english

a. Positive perceptions

1) Help students to understand about the lesson easily and add insight and references

Based on the extracts above about "Do the media help you understand the lesson?" and the students answered the question with the word *very helpful,* which means that greatly helped by the presence of media, students can also add insight and various kinds of references through the media used by teacher.

2) Increase students' motivation and interest in the learning

Extract 5

S2 : Yes, in my opinion the media really helps me in understanding the subject because **it can be increase students' motivation**, provide variety, stimulate students to think analytically in a fun atmosphere and learning media also helps in understanding the material systematically.

Extract 6

S3 : Yes, media learning has a good effect because the use of **media can increase students' interest** in learning and learning activity so that student learning achievement will increase.

Based on the extracts above, the researcher found that S2 stated that students were motivated to learn to the presence of media, the media could stimulate students to thinking analytically. Whereas S3 stated that the media help students in increasing students' interest in learning and the media also makes students more active so that students achieve more.

3) Learning is more interesting, fun, relaxed and not boring

Extract 7

S3 : Yes, the media is very helpful. Learning media can be used as a tool to smooth the course of teaching and learning activities so that learning objectives can be achieved properly. Each subject has varying levels of difficulty. There are learning materials that do not require tools but there are subject matter that are very difficult so that they require tools because they have high levels of difficulty so that

Extract 8

S13 : My opinion or thoughts about **online learning are interesting and fun,** but over time it becomes boring because I can't meet with friends and teachers, besides that I also don't understand the material that my teacher delivers, so that there are assignments sometimes I find it difficult to do it.

Extract 9

S16 : Yes, because we learn to be more relaxed.

Based on the extracts above, when asked by the researcher, several students answered that *learning to use media were interesting, fun, relaxing and not boring.* **S3** stated that the media is a tool to facilitate teaching and learning process. The media also plays an important role for students, so that students can understand the learning material and students don't feel bored when receiving the material provided by the teacher. **S13** stated that online learning is interesting and fun. **S16** stated that learning to use media can make us more relaxed.

4) Prevent and decide the spread of Covid-19

Extract 10

S19 : Online learning is a lesson that is carried out in our respective homes to **prevent the spread of the corona virus.**

Extract 11

S20 : Online learning services is studying at home to break the

Based on the extracts above, **S19** and **S20** stated that online learning media really help us in preventing covid-19. Learning should be carried out in their respective homes so that the death ratecaused by the covid-19 virus decreases and we can carry out the teaching learning process as before.

5) Effective, efficient and saving time

Extract 12

S2 : Yes, in my opinion **online learning is effective, efficient and saving time.** However, sometimes I am a little constrained when sending assignments or notes to the teacher because of the unstable network. And sometimes the storage on my handphone is full so it's hard to send.

Extract 13

S11 : The use of **online learning media is effective, efficient and saving time** but there are several problems, such as a signal, sometimes when we want to send a network assignment the network is slow or cannot be delivered, so if we want to send the assignment it is too late.

Based on the extracts above, **S2 and S11** stated that online learning is very effective, efficient and saving time. They can doing assignment anytime and anywhere, time of learning when online learning is shorter than offline learning, so students have more time to rest and gather with family.

b. Negative perceptions

1) lack of understanding or difficulty in understanding the material and doing the assignment given by the teacher

Extract 14

S7 : In my opinion, online learning has two things. Good and bad. First, it's great. Time is very fast for other activities such as sleeping, mopping, organizing, and helping parents look after the shop. Second, it's bad. I don't understand and it is difficult to understand the explanation online because if there is a question it is difficult to answer and practice it directly.

e it

2) Students feel bored and think learning is less fun

	Extract 15
174 ELTM	S5 : At the beginning, I thought online learning was interesting and we could relax at home and get together with our family. But over time learning online becomes boring because we can't meet friends, can't exchange ideas and can't understand and ask the teacher more clearly.

Extract 16

S8 : In my opinion, **online learning is less fun** because we not learn directly like in ordinary schools.

Based on the extracts above, **S5 and S8** stated that learning using online media (online learning) is very boring because they find it difficult to meet their friends and even their teachers. Even though in the offline learning condition, it's very easy for them to meet with their friends to discuss assignment and they are also easy to solve question that are considered difficult with the teachers.

3) Ineffective, inefficient and not saving time

Extract 17

S13 : No, because sometimes the quota is limited and the network has problems that **take up a lot of time and become ineffective and inefficient.**

Based on the extracts above, **S13** stated that online learning is ineffective, inefficient and doesn't saving time to an unstable network that makes online learning ineffective, inefficient and not saving time.

4) There is no cost to buy quota

Extract 18

S11 : My thoughts about online learning at this time are online learning which was initially very fun but gradually became very boring because I could not meet with friends and teachers, besides that **sometimes parents also complained about the quota costs that had to be spent for learning**, not to mention that there is no place to ask questions when it is difficult to do the assigned tasks.

pandemic like this, many people have been laid off, even traders have complained about declining profits plus children those who need a quota to study online like it or not, parents have to meet it so their children can attend the lesson.

5) Unstable network (Network constrains)

Extract 19

S2 : Yes, in my opinion online learning is effective, efficient and saving time. However, sometimes I am a little constrained when sending assignments or notes to the teacher because of the unstable network. And sometimes the storage on my handphone is full so it's hard to send.

Based on the extracts above, S2 stated that they are constrained by an unstable network, even though what is most needed in online learning runs well, it the network is unstable it will make the delivery of material less optimal which will make students even more confused in understanding the material that has been delivered, as a result the network is unstable and students are slow to send their assignment.

Discussion

- 1. Online media used by teacher in learning English
 - a. Google Classroom

Google classroom is a visual media used by teachers in teaching during the online learning process. This learning media has several advantages including being very mobile friendly for beginners, meaning that people who are using Google classroom for the first time will definitely have no difficulty operating it, and the most important thing is that of the most applications that we can download for free, you will find the application. Google classroom is available for free either on the playstore or the app store. Google classroom itself emphasizes that this application is 100% free without having to pay before you can use it.

b. Youtube

Youtube is one of the many sites social networks that are being widely used nowadays. The inclusion of youtube in the field of education is an easy and userfriendly to improve skills cooperation and integrate technology into teaching activities. Youtube is a great service web-based file sharing, video / audio allows individuals. Learning technologies using the web or social media such as youtube has been known for a long time by the great countries of the world, especially America. Youtube is a great method very practical and easy learning understood.

c. Google form

Google form is a survey application which is usually used to provide interviews or to be used for attendance lists. In schools this application is rarely used, teachers tend to use Google classroom or WA to become a medium for online learning.

d. WhatsApp (WA)

WhatsApp is a cross smartphone messaging application platform or software that can be used on several different operating systems, making it possible to exchange more messages cheaper with internet data packages compared to using a tariff system from short message service pulses or short message ordinary smartphone.

- 2. Students' perception of the online media used by teacher in learning English
 - a. Positive perceptions

The first is the online media can help students to understand about the lesson easily and add insight and references, Syaful Bahri Djamarah and Azwan Zain in Lalian (2019) reveal that learning media are any tools that can be used as a channel for messages to achieve learning objectives.

The second is increase students' motivation and interest in the learning, It related to According to Miarso in Syahputra (2019) argues that "learning media is anything that is used to transmit messages and can stimulate thoughts, feelings, attention, motivation and interest in student learning so that it can encourage the learning process".

The third is learning is more interesting, fun, relaxed and not boring, Learning that is interesting, fun, relaxed, not awkward and not boring will eliminate the awkwardness of students, both among teachers and among students themselves. This can also encourage students to ask questions, so that communication between educators and students can be built.

The fourth is prevent and decide the spread of Covid-19. Online learning can break the chain of spreading covid-19, students and teachers do not gather in one room and it will all speed up the process recovery of covid-19.

The fifth is effective, efficient and saving time, based on the findings it revealed that learning becomes effective, efficient and saving time because of the qualified media. According to Sutjiono (2005), a learning medium is needed by teachers so that learning runs effectively and efficiently. Learning media also make learning activities more efficient so that it saves energy and also time.

b. Negative perceptions

The first was lack of understanding or difficulty in understanding the material and doing the assignment given by the teacher.

The second was the appearance of boredom or feeling bored during learning, Agustin (2009: 31) explains that learning boredom is an emotional condition when a student feels tired and bored mentally and physically as a result of the increasing demands of academic work.

The third was the teaching process often runs ineffective. Because there is some students' time that is consumed because of online learning, usually the teacher gives assignments or material outside of the specified learning hours and it greatly hinders the activities of other students.

The fourth was there is no cost to buy quota. Sometimes parents do not have the cost to buy a quota for their child, because they think that a quota is something expensive and during a pandemic like this time it makes income decrease and parents tend to be economical so they can meet all their needs. Vol. 1, No. 3, December 2021 ISSN: 2828-1586, E-ISSN: 2810-0352 The last was unstable network. Sometimes the unstable network which makes the learning and teaching process constrained, people in rural areas or in the mountains usually look for networks up to the top of the mountain so that the network they get is good, and it all endangers their lives. that's why there are several cases of students or students who died as a result of searching for networks

CONCLUSION

Based on the findings of the research, the researcher would make conclusion by showing the result of the interview towards the students.

- 1. The kind of online media that the teacher used when learning English were Google classroom, Youtube, Google form and WhatsApp (WA).
- 2. According to the students' interview, most of the students gave positive perceptions toward the online media used by teacher in learning English, they were the online media help students to understand about the lesson easily and add insight and references, increase students' motivation and interest in the learning, learning is more interesting, fun, relaxed and not boring, prevent and decide the spread of Covid-19 and effective, efficient and saving time. Whereas there were also gave some negative perceptions toward the online media used by teacher in learning english that is lack of understanding or difficulty in understanding the material and doing the assignment given by the teacher, boring and less fun, and ineffective, inefficient and not saving time.

REFERENCES

- Adediwura, A & Tayo.Perception of Teacher Knowledge, Attitude, and Teaching Skills as Predictor of Academic Performance in Nigerian Secondary Schools. Educational Research and Review Vol. 2 (7)
- Aji, W. P. (2020). Upaya Peningkatan Hasil Belajar Siswa Pada Subtema Pekerjaan Orang Tuaku Melalui Penggunaan Media Power Point di SD Negeri 2 Tambirejo. MAJALAH LONTAR, 32(1), 77-84.
- Alharbi, H. (2015). Improving Students' English Speaking Proficiency in Saudi Public Schools. International Journal of Instruction,8(1), 105-116.
- Anugrah, S., Andika, R., & Hendri, N. (2019, December). The Development of Augmented Reality-based Learning Media to the Introduction of Computer Course in Curriculum and Educational Technology, Faculty of Education, Universitas Negeri Padang. In International Conference on Education Technology (ICoET 2019). Atlantis Press.
- Arsyad, Azhar (2009). Media Pembelajaran. Jakarta: Rajawali Pers.

Arsyad, A. (2014). Media Pembelajaran, Edisi Revisi. Jakarta : Rajawali Pers.

 Asih, R. W. (2016). English Teachers' Perception on Implementation of KTSP at State Junior High Schools in Bukateja (Doctoral dissertation, Universitas Muhammadiyah Purwokerto).

Atkinson, R., & Hilgard, E. R. (1999). Pengantar psikologi. Jakarta : Erlangga.

- Bradley, B. (2002). Psychology and experience. Cambridge: Cambridge University Press.
- Burke, S. C., Snyder, S., & Rager, R. C. (2009). An assessment of faculty usage of YouTube as a teaching resource. *Internet Journal of Allied Health Sciences and Practice*, 7(1), 8.
- Chan, W. M., Chin, K. N., Nagami, M., & Suthiwan, T. (2011). Media in foreign language teaching and learning. Chicago : Walter de Gruyter.
- Chaplin, J. P. (1968). Dictionary of psychology. New York: Dell Publishing Co.Inc.
- Dale, E. (1946). Audio visual methods in teaching. New York : Dryen Press.
- D.F. McCaffrey, in International Encyclopedia of Education (Third Edition).
- Dikmenum (1999). Peningkatan Mutu Pendidikan Berbasis Sekolah : Suatu Konsepsi Otonomi Sekolah (paper kerja), Jakarta : Depdikbud.
- Dretske, F. (1988). Explaining behavior. Cambridge, MA: MIT Press.
- Education Centre.(2013). Definition of Learning Media. https://educationofsaint.blogspot.com/2013/06/definition-of-learning-media.html?m=1/
- English Proficiency.(2017). Indeks Kecakapan Bahasa Inggris EF.Retrieved from <u>https://www.ef.co.id/epi/regions/asia/indonesia/</u>
- Gibson, J. L. (1985). Psychology. Texas: Business Publication Inc.
- Hamalik, O. (1994). Media Pendidikan. Bandung : PT. AdityaBakti.
- Harmer, J. (2001). The practice of English language teaching. Harlow : Pearson Education.
- Huda, Fathkan Amirul (2017). Pengertian Model Pembelajaran Visual, Auditory, Kinestetik. <u>https://fathkan.web.id/pengertian-model-pembelajaran visual-auditory-kinestetik/</u>
- iEdNote (2017). Perception : Definition, Importance, Ftors , Perceptual process, Errors . <u>https:</u> //iedunote.com/perception
- Ip, Y. K. (2003). Knowing is not the same as understanding: what is understanding? Retrieved December 8th, 2012, from Successful Learning: <u>http://www.cdtl.nus.edu.sg/success/sl20.htm</u>
- Iqbal, M., Rosramadhana, R., Amal, B. K., & Rumapea, M. E. (2018). Penggunaan Google Forms Sebagai Media Pemberian Tugas Mata Kuliah Pengantar Ilmu Sosial. Jupiis: Jurnal Pendidikan Ilmu-Ilmu Sosial, 10(1), 120-127.
- Kusuma, M. D. (2017). The Effect of Locus of Control, Student Perceptions of Teacher Teaching Methods and Parents Concern in Accounting Learning Achievement Students Class of XI IPS SMA Negeri 2 Sleman Academic Year 2016/2017. Undergraduate Thesis.
- Lalian, O. N., Siregar, E., & Winarsih, M. (2019, March). The Effects of Using Realia Media on Increasing Science Learning Outcomes of Elementary School Students: A Meta-Analysis. In Proceedings of the 2019 7th International Conference on Information and Education Technology (pp. 1-4).

- Lele, M. A. (2019). The Students' Perception of The Media Used by Teacher in Teaching English.
- Lusia, Hyasintha. (2017). *Teachers' Perceptions of English Language Teaching Media*. The Graduate Program in English Language Studies Sanata Dharma University Yogyakarta.
- Mubaraq, Y. F., & Saputra, I. H. (2020). Making the Old Fashion Shines Again. TEFLA Journal (Teaching English as Foreign Language and Applied Linguistic Journal), 2(2), 14-23.
- Munadi, Y. (2010). Media Pembelajaran; Sebuah pendekatan baru. Jakarta: Gaung Persada Press.
- Mutohhar. (2009). Teaching English for Young Learners (TEYL) Misunderstanding about TEYL in Elementary School.
- Muyaroah, S., & Fajartia, M. (2017). Pengembangan Media Pembelajaran Berbasis Android dengan menggunakan Aplikasi Adobe Flash CS 6 pada Mata Pelajaran Biologi. Innovative Journal of Curriculum and Educational Technology, 6(2), 22-26.
- N. Fajriah, S. A. Gani, & I. A. Samad (2019). Students' Perceptions Toward Teachers' Teaching Strategies, Personal Competence, and School Facilities. *English Education Journal* (EEJ), 10(1), 16-34.
- Omenge, R. O., Priscah, J. M. (2016). Understanding the Utilization of Instructional Media in Training Health Professionals. Department of Community Health: Egerton University.
- Oxford English Dictionary. (2007). Learner's Pocket Dictionary 7th ed. Oxford: Oxford University Press, 2007.
- Patil ZN, Choudary AS, Patil SP (2012). Innovations in English Language Teaching Voices from Indian Classroom, OBS, Hyderabad
- Permana, IG. Y., Santosa, M.H. (2017). The effect of blended learning with schoology on students' writing. *I Tell Conference Solo* (13-14 March 2017) Solo.

Purwanto, Ngalim (2007). Ilmu Pendidikan Teoritis dan Praktis, Bandung : Rosdakarya.

- Putra, I. N. T. A., & Kartini, K. S. (2020). Implementation of Mobile-based Interactive Learning Media Case Study: Class XI Hydrocarbons Material. Jurnal Pendidikan Kimia Indonesia, 4(2).
- Putri, I. P. (2019). The Students' Perception of the Implementation of Talking chip Technique in Learning Speaking at The Second Grade of Sman 9 Bandar Lampung.
- Rahmi, R. (2014). The implementation of media in english language teaching. Visipena Journal, 5(1), 1-17.
- Rao, B. M. (2014). Use of media as an instructional tool in English Language Teaching at undergraduate level. International Journal of English and Literature, Vol. V (No. 6), 141-143.
- Ramsey, F. H. (1986). The little brown handbook. Boston: Little Brown.
- Rany, S., Jafre, M., Abidin, Z., & Mei, L. L.(2013). Factors Causes Students Low English Language Learning : A Case Study in the National University of, 1(1),179–192. <u>https://doi.org/10.5296/ijele.v1i1.3100</u>

- Ritonga, R., & Ramadhani, S. P. (2020). Survey of Student Motivation in Online Learning During the Covid-19 Pandemic. *Journal of Social Science and Humanities*, 3(6), 10-17.
- Sanaky, H.A._(2013). Media pembelajaran interaktif- inovatif. Yogyakarta Kaukaba Dipantara.
- Sari, P. P. (2016). Analisis Kasus Rendahnya Prestasi Belajar Matematika Siswa pada Materi Irisan Kerucut dan Solusi Pemecahannya di Kelas XI IA 2 SMA IT Nur Hidayah.
- Semiawan ,Conny R, &Soedijarto (1991), Mencari Strategi : Strategi Pendidikan Nasional Manajemen Abad XXI, Jakarta : PT.Grasindo.
- Snelson, C. (2011, March). Teacher video production: Techniques for educational YouTube movies. In Society for Information Technology & Teacher Education International Conference (pp. 1218-1223). Association for the Advancement of Computing in Education (AACE).
- Sharoff, L. (2011). Integrating YouTube into the nursing curriculum. OJIN: The Online Journal of Issues in Nursing, 16(3)
- Sulastri, S. (2020). Using Board Games to Teach Speaking Skill for The Eleventh Grade Students of SMKN 2 Luwu Utara (Doctoral dissertation, Institut agama islam Negeri (IAIAN Palopo))..
- Syahputra, A., & Maulida, R. (2019). Perancangan Media Pembelajaran Fisika Berbasis Multimedia (Studi Kasus: SMK TI SWASTA BUDI AGUNG MEDAN). JTIK (Jurnal Teknik Informatika Kaputama), 3(1), 15-21.
- Todo, M. F. L., & Budiarta, I. W. (2018). Critical Discourse Analysis on Kompas Daily Newspaper Report on Profiteering Through the Names of President Jokowi and Vice President Jusuf Kalla. RETORIKA: Jurnal Ilmu Bahasa, 4(1), 26-37.
- Unumeri, G.O (2009). Perception and Conflict. Nigeria.
- Vernon, M. D. (1987). The psychology of perception. Middlesex: Penguin Books.
- Wang, Yingxu. (2007). On the Cognitive Processes of Human Perception with Emotions, Motivation and Attitude. Journal of Cognitive Informatics and Natural Intelligence, 1 (4), 1-3.
- Wigginss, G. (1998). Educative assessment. San Fransisco: Jossey-Bass Publisher.
- Zainura, S. (2019). Students' Perception on the Use of English as a medium of Instruction (Doctoral dissertation, UIN Ar-Raniry Banda Aceh).