
ANALYSIS OF TRENDS AND CHALLENGES IN TECHNOLOGY-BASED ON LANGUAGE ASSESSMENT

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Abstract

This research aims to analyze trends and challenges in technology based on language assessment for students. Technology assessment is an assessment related to media and advanced electronics such as smartphones, tablets, computers, and so on. The method that the author uses is the SLR method or Systematic Literature Review, where in the process of creating this journal, the author collects all the data that the author selects and the author enters it into this journal. The advanced technology trends that the author uses are the Quizizz and Electronic Assessment applications, both of which have many uses in helping educators assess student performance and skills. However, this is not necessarily just an advantage, but in these two technologies there are challenges that are difficult to control and students often lack self-confidence regarding the value they get from implementing the technology. So this technology has two different properties, namely that it can be useful but also has its own negative impacts.

Keywords : *Technology, Assessment, Language Assessment.*

Abstrak

Penelitian ini memiliki tujuan dalam menganalisis tren dan tantangan di dalam teknologi berdasarkan Penilaian Bahasa pada pelajar. Penilaian Teknologi yaitu adalah penilaian yang mengaitkan antara media dan elektronik canggih seperti smartphone, tablet, computer, dan sebagainya. Metode yang penulis gunakan yaitu adalah metode SLR atau Sistematis Literature Review yang mana pada proses pembuatan jurnal ini, penulis mengumpulkan semua data yang penulis seleksi dan penulis masukkan ke dalam jurnal ini. Untuk tren teknologi canggih yang penulis gunakan adalah aplikasi Quizizz dan Penilaian Elektronik, yang mana di dalam kedua teknologi ini memiliki banyak kegunaan dalam membantu pendidik dalam menilai kinerja serta keterampilan pelajar. Tetapi tidak serta merta hanya keuntungan saja melainkan di dalam dua teknologi tersebut terdapat tantangan yang susah untuk di kontrol dan seringnya terjadi ketidakpercayaan diri pada siswa atas nilai yang ia dapatkan dari pengimplementasian teknologi tersebut. Jadi teknologi ini memiliki dua sifat yang berbeda, yaitu ia bisa berguna tetapi ia juga memiliki dampak negatifnya tersendiri.

Kata Kunci : *Teknologi, Penilaian, Penilaian Bahasa.*

INTRODUCTION

Assessment is the activity of giving a score or measuring how accurate a person's attributes are (Mousavi in Brown book Assessment and Testing. p3. 2018). In the world of educational practice, activities or processes that are carried out continuously or continuously and include various methodological techniques are called assessment. Every activity carried out by students, such as giving suggestions, asking questions, and comments after someone explains something or presents something, the teacher indirectly assesses the students for their actions. Activities such as writing, taking a notes, making essays or so on are never free from assessment, which may come from oneself, the teacher or other students. In other words, productive student performance will always be assessed by the teacher, whether intentionally or unintentionally.

Assessment for Learning has a specific goal for students, namely monitoring student development in a continuous and interactive manner. Teachers also have the opportunity to provide superior feedback to students in the learning process. That way, the student's ability level and what the student needs can be known and fulfilled. Then,

educators can design teaching process activities that are orderly and consistent (how do we achieve this) with the aim of achieving the direction in which students should go (Curriculum Planning and Development Division in Brown, 2018).

Assessment of student knowledge does not always come from the daily activities that educators carry out. Knowledge assessment does not always come from presentations, answering questions, and so on. However, assessments can also be accessed using technology.

Learning assessment is a reciprocal interaction activity carried out between educators and students in daily activities in an effort to reflect (implementation) and respond to information and dialogue, demonstration and observation by increasing the level of learning on an ongoing basis (Klenowski, 2023).

Current developments in science and technology and society's high demands for education mean that education can no longer be managed solely by relying on the application of traditional models, because the needs in the world of education are no longer in line with society's needs and demands. The revolution in science and

technology has had its own influence on the world of education. This is the reason the government must issue a policy that teachers must utilize ICT-based media in managing education (Finy Fitriani, 2021).

Utilizing technology as a tool in the learning evaluation process can help make the learning process more efficient and interesting. according to (Damayanti and Dewi, 2023) Technology-based learning can provide encouragement to students to be more enthusiastic in participating in learning and completing various types of exercises, where technology-based learning provides various types of animation, explanations in graphic format, and various colors that create an impression. the living.

In recent years, there have been many technological developments and the application of technology in language learning and teaching. The longer the world develops, the more advanced technologies are present in the world. Whether you use smartphones, computers, tablets, the internet and other advanced technology. So don't be confused if many language learners use courses such as Computer Assistance Language Learning (CALL) or Manual

Assistance Language Learning (MALL) to meet their achievements as in the example of (H.D. Brown, Chapelle, Chapelle & Jamieson, de Szendeffy. Use of Technology in Testing in Brown. p20. 2018).

The development of the use of technology is now no longer seen as something foreign by people with old-fashioned thinking, because recently technology has been widely utilized and used by people who feel they are helped in their assignments (Nikou & Economides, in Kurniawan, 2022). It is written in another article about the uses of technology such as smartphones, tablets, portable computers, digital computers and other technologies. In this way, this technology can help make it easier for students to learn English and access learning easily on applications and other platforms. (Nushi & Momeni, in Kurniawan, 2022). With this super sophisticated technology, it can make it easier for educators to access student grades easily.

Unlike in the past, technology is now developing more rapidly and becoming more global. People have started to think about the benefits and uses of several fields, such as the ability to adapt (flexible), information agility, and can be

accessed easily in the form of education. By conducting learning from a distance assisted by technology, you can create digital classes such as Zoom, Google Meet, and so on to assess students without having to do face-to-face learning (Nikou & Economides, 2022).

Every learning that is incorporated into technology begins to become more advanced and spreads widely throughout society, giving rise to digital society and native society. (Asiri, Panday Shukla, Rajeh & Yu, 2022). All learning such as mathematics is increasingly easier to do using technology, and student progress can be quickly assessed using technology. Technology has an influence that can build enthusiasm and attract students' attention to the implementation of learning which is considered very difficult to learn. One of the fastest ways and does not reduce time (scientific discipline) is to use technology by learning a foreign language, for the English category for those who create English as a foreign language.

Distance learning or online learning has become a major trend in the use of technology in the teaching and learning context (Saraswati & Purwati, 2023).

METHODS

The method that author use to create this journal is the SLR (Systematic Literature Review) method, where in this SLR method the author take several articles from the web such as Open Knowledge Maps, where author will process these articles into author's version of a review journal.

And apart from the articles the author took from the Open Knowledge Maps, the author also took them from Brown Book Third Edition, which is author's main reference in making journals.

The keywords that the author use in the process of making this journal are Technology, Assessment, and Language Assessment.

During the process of making this journal, the author went through the articles one by one to see what and which ones the author could use for the journal.

SLR is made based on previously established rules. The SLR is implemented and followed up based on the selected Items for Systematic Review

RESULT AND DISCUSSION

So far, the functions of technology for language assessment that we often know are, firstly, saving time, secondly, it can make the work of educators

as assessors easier, and thirdly, it can attract the attention of students as objects to be assessed.

A. TREND

- **Quizizz (Paper Mode)**

Quizizz is a platform that can be said to be very unique, because it can create several good teaching modes. Apart from a good teaching mode, Quizizz can be used as an assessment tool, one of which is "Paper Mode". That way, students can utilize technology to calculate traditional assessments by only using paper to answer the questions provided by the quiz.

(Wahid and Putra, 2023).

For how to use or implement this Quizizz paper mode, what you have to do is:

- a. When you open the Quizizz application, Quizizz offers paper mode printing to paper mode.

- b. In the paper there are several answer options between answers A, B, C and D.

- c. Throughout the reciprocal teaching process between educators and students, educators show or present several questions to the students.

- d. After the student plays the code (in the form or with the aim of providing the answer)

- e. Educators immediately open the Quizizz application on their cellphone or

smartphone to directly scan the students' answers.

As a result, students can be active in responding to any material they will study. Educators can also directly ask students several questions and the results can be seen immediately.

Students' abilities and understanding can be measured and assessed through Quizizz. (Putra, 2023) states that the quiz is a learning platform under the guise of a game that can increase students' level of enjoyment and increase student enthusiasm. Meanwhile, on the other hand (Zhao, 2023) also states that Quizizz is a game-based educational application program and an application that combines interactive into the classroom to attract students' interest. Apart from that, (Priyanti and Friends, 2023) stated that integrating the developmental process in learning is appropriate. Therefore, students have gained experience and assessment from the Quizizz results, especially "Paper Mode". This paper mode is also an alternative mode.

This is further reinforced by (Pratita et al, 2023) that, Gen Z prefers digital-based activities using smartphones or computers, thus developing element 5 based on the independent curriculum with the help of the Quizizz

application which will be liked by students.

- **Electronic Assessment (E-Assessmen)**

(Ibrani, 2022) This means that the implementation of extracurricular activities and tests held in the room or class are carried out computerized, so that the computer provides feedback from the results of answering questions and gives students a score based on the results of the student's performance, and the computer also reviews the extent of the special assessment in all their subject areas.

Digital technology is an efficient tool for electronic assessment. Meanwhile (Al-Enezy, 2022) states that "Electronic Assessment is a tool used in planning educational assessment, and E-Assessment is also integrated into electronic networks and innovations which aim to accompany assessment in achieving goals in the educational process in accordance with specific science and standard security". Omar and Al-Yousef (2022) say that reporting student activities, providing assessments from computers, providing information, recording student input, and displaying data are manifestations of the use of information and communication technology for electronic assessments.

This electronic assessment tool can make it easier for teachers to monitor students' levels easily. (Abdulaziz, 2022) said that short exams, essay exams, electronic interviews, e-portfolios, and writing papers can help educators in evaluating students electronically. The author believes that evaluating students using electronics is very easy and very simple, which can make it easier for teachers out there to provide assessments with several benefits such as saving time, saving energy, saving thoughts and so on.

B. CHALLENGES

- **Quizizz (Paper Mode)**

There are challenges in implementing Quizizz (Paper Mode) for language assessment learning for students. In the implementation of this very limited technological resources. If students are stripped of access to digital technology, it will impact their assessments. Because many students are dependent on the use of technology, no student will experience being left behind due to this. It takes time for students to learn something new, such as technology, especially in the field of paper mode. Because paper mode is a new advanced learning feature, the author found one of several problems faced by students in adapting to the

implementation of learning that uses Quizizz (Paper Mode) as an assessment tool. Using Quizizz in this mode can indirectly increase their confidence in answering a question.

- **Electronic Assessment (E-Assessment)**

Research results from (Al-Subaiy, 2022) show that skills in using electronic assessment tools within the faculty environment are still weak, and according to the faculty this weakness is considered useless, in other words it is considered a burden. (Omar and Al-Yousef, 2022) show that the challenges associated with electronic assessment tools are still difficult to control, the spread of plagiarism and unfair cheating issues in the sense of the difficulty of maintaining electronic grades where people can hack and copy paste. answers, as well as spreading student answers from student to other students. So, educators find it difficult to provide student assessments via electronic assessment tools.

Regarding the stages of electronic assessment in the field of English, one study shows that there are still difficulties and challenges that cause a lack of confidence in the final results of assessments using electronic assessment tools. (Yulianto & Mujtahin, 2022) conducted

research aimed at teachers in Indonesia in order to find out teachers' perceptions and opinions regarding the use of electronic assessment tools as a means of assessing English language subjects. And online research shows that there are still deficiencies in the effectiveness of electronic assessment due to unsupportive internet networks, unsupportive connections (connection problems), students and teachers are weak in their efforts to handle increasing grades using electronic assessment tools, lack of self-confidence between them. (Waluyo; Hirata & Hirata, 2022) So assessment using electronic assessment tools is less effective in assessing students' understanding and skills in English.

CONCLUSION

From the results that the author got, technology is a sophisticated tool that can be used to carry out an assessment. The assessment uses modes (Quizizz in Paper Mode) and also (Electronic Assessment or E-Assessment). The results obtained are very satisfying, such as using Quizizz in learning which can increase students' enthusiasm in working on the questions given, Quizizz can also attract students' attention so that

they can feel at home and focus on learning.

On the other hand, the use of technology such as Quizizz has its own impacts and challenges in its use. One of these challenges is that students feel unsure about the results they get through Quizizz.

Then technology uses Electronic Assessment or E-Assessment. From the results obtained by the author, the use of electronic assessments can make it easier for students and teachers in all kinds of assignments. It can be seen from the computer in showing grades, providing information, entering data, and monitoring student activities.

Apart from the problems that exist in using E-Assessment, there are also several challenges, one of which is that it is difficult to control, which requires a person to adapt to its use and application in everyday life.

Suggestions to the subsequent author to enhance this article by connecting contemporary issues and amplifying citations from books and journals to others so that it evolves into better writing and can be beneficial for readers.

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