Teachers' Perspective in Using Technology As a Learning Evaluation

Annasthasya Yudha Putri
Universitas Islam Kadiri, Indonesia
annasthasyayudha25@gmail.com

Abstract

The implementation of the teaching and learning process cannot be separated from the assessment of learning outcomes. In a modern era influenced by technological developments, education has the responsibility to prepare a quality young generation for a better future for Indonesia. Teacher professionalism plays an important role in improving the quality of education. In addition to having high knowledge in the subject matter, a teacher must also demonstrate superior skills in using technology, including in the process of assessing student learning outcomes. It is very important that teachers not only use technology-based learning media for material delivery but also for evaluation. To collect data, this research uses a qualitative approach by using a case study through observation with several English teachers as participants. The instruments used are individual interviews and literature reviews. The purpose of this study is to find out what technology teachers use to evaluate learning and whether the use of technology is effective or even ineffective, because as we know technology in learning will continue to develop. This study found that some teachers use technology such as Google Forms and Quizizz, in evaluating learning. In this study, it can be concluded that the use of technology as a learning evaluation tool is very effective, efficient and innovative.

Key words : *evaluation, learning, technology*

Introduction

In today's technological era, one of the responsibilities of education is to prepare Indonesia's quality human resources (HR) for the future. In the school education environment, for example, teacher professionalism is the main key to improving the quality of education itself. This includes improving the knowledge, skills and attitudes of students as the main capital as well as the assets of Indonesia's next generation. The increasingly advanced demands of globalization and modernization, which are characterized by very high rationalization in work, must be balanced with the competencies that must be possessed by teachers (Mulatsih, 2020) in the journal (Asma et al., 2023). This means that the role of teachers is very important to be able to keep up with the conditions of student development in schools.

In addition to having high knowledge in the substance of the subject area, a teacher is also required to demonstrate superior skills in the use of technology (Sodiq, 2021) in the journal (Asma et al., 2023). The combination of technology and teaching is certainly not a new thing. Especially during the pandemic that hit the whole world three years ago, almost all learning processes were carried out online. Educators are familiar with several web-based applications such as Zoom, Google Meet, Google Classroom, Canva, Edmodo, Edpuzzle, Whatsap, Kahoot and Quipper School. This means that these web-based applications provide a lot of benefits during the pandemic, both in terms of the process of providing material and the process of assessing learning outcomes or evaluation.

Technology is a soft or hard object that can change human conditions from difficult to easy. Technology is also able to change human thinking to be broad. In the current era, there are advanced technologies that can also support learning activities in order to create effective and efficient learning. This is in line with (Shidik et al., 2021; Simaremare et al., 2021), The rapid advancement of technology in the era of the Industrial Revolution 4.0 makes teachers must be able to explore it in order to realize effective and efficient online learning. The existence of these technological

developments can make it easier for anyone, including teachers. The implementation of learning cannot be separated from the assessment of learning outcomes. According to Kurniawan, et al (2020) in the journal (Asma et al., 2023), assessment is a systematic process and includes activities to collect, analyze, and interpret information to determine how far students or a group of students achieve predetermined learning objectives, both aspects of knowledge, attitudes, and skills. Assessment is not just the collection of student data, but also a process to obtain a picture of the process and results of student learning. In this regard, currently there are online media that offer various applications that can be used as learning evaluation tools. A teacher is given the opportunity to determine the form of evaluation that will be given to students. Broadly speaking, evaluation cannot be separated from the world of education, because evaluation is the most important thing during the learning process (Rahmadia & Handican, 2023). Evaluation itself is a method carried out by teachers in collecting, analyzing, and interpreting information in knowing the level of learning objectives that have been achieved by students siswa (Magdalena et al., 2020). The development of student achievement in the learning process must be measured, both in individual and group assessments. Therefore, to make it easier for a teacher to ideally know how the student learning process looks like, an evaluation is needed, this is in line with the objectives of learning evaluation (Rahmadia & Handican, 2023).

Based on the discussion above, the researcher will carry out a study that aims to find out the technology used by teachers in evaluating learning and the technology used is effective or not in evaluating learning.

Methods

To collect data, this study used a qualitative approach by using case studies through individual interviews with 2 English teachers as participants.

To collect data, this research uses interview instruments, namely in the form of interview guidelines. The interview used is a semi-structured interview type, where the author uses an interview guideline at the beginning of the discussion with the source, but then the questions asked subsequently can vary, this is because it is adjusted to the answers given by the source, besides that the author also uses supporting data sources that are in line with the discussion related to this research. supporting data that is in line with the discussion related to this research. The supporting data sources were obtained from several journals and books.

Results and discussion

Based on interviews that the author conducted with two English teachers in grade IX, information was obtained about what technology was used and whether or not the technology was effective when used in learning evaluation. Evaluation is a method carried out by teachers in collecting, analyzing, and interpreting information in knowing the level of learning objectives that have been achieved by students (Magdalena et al., 2020). Therefore, to make it easier for a teacher to ideally know how the student learning process looks like, an evaluation is needed.

From the results of these interviews related to the use of technology as an evaluation tool, they have used the Quizizz application and Google forms as evaluation tools. They have provided evaluations through Quizizz and google forms when learning is online or offline. Quizizz is a form of game that functions as a learning media that is integrated with material or evaluation questions so as to make learning more interesting and fun. Quizizz is also an application that brings multi-game activities to the classroom so that training becomes more interactive. So it is not wrong if one of the efficiencies of this application is to provide a fun and entertaining atmosphere when students do the exercises. Students can do the exercises in the classroom using the electronic devices they have. Meanwhile, Google Forms is a web-based application or web tool that is useful to help send surveys, give students or others quizzes, or collect easy information in an effective and efficient way. In the world of education, some of the widely known functions of Google Forms include: giving practice assignments and even online tests, collecting opinions of many people, collecting student and teacher data, creating online school registration forms, and distributing questionnaires to people online.

The two teachers stated that actually using evaluation through Quizizz and google forms is effective because it is more practical, the assessment can be read automatically. For the teacher, evaluation through Quizizz and google forms is indeed very easy for teachers to evaluate learning. However, to be given to students it is less effective because working on questions through Quizizz and google forms,

because students can search through Google related to the questions given, cell phones that are less supportive and also signal interference.

Utilizing digital-based evaluation tools can indeed form a more pleasant learning atmosphere, so that learning objectives can be achieved. However, not all in learning that by utilizing technology can go well. Therefore, a teacher must be able to determine the right evaluation to be given to students, so that student learning outcomes are truly pure results of student abilities.

Conclusion

Based on the results of the research above, it can be concluded that related to teacher perceptions of the use of Quizizz and google forms as learning evaluation tools, for the teacher, actually using evaluation through Quizizz and google forms is effective, more practical and makes it easier for teachers because the assessment can be read automatically. However, for students, the use of quizizz and google forms as learning evaluation tools is said to be inefficient because of working on questions through Quizizz and google forms, because students can search through Google regarding the questions given, cell phones that are less supportive and also signal interference. Therefore, a teacher must be able to determine the right evaluation to be given to students, so that student learning outcomes are truly pure results of student abilities.

References

Asma, A., Jannah, M., Mawardati, R., Juliana, J., & Fitria, N. (2023). Evaluasi Pembelajaran Menggunakan Google Form dan Quizizz. *Ikhlas: Jurnal Pengabdian Kepada Masyarakat*, *1*(1), 8–14. https://doi.org/10.55616/ikhlas.v1i1.411

Magdalena, I., Fauzi, H. N., & Putri, R. (2020). Pentingnya evaluasi dalam pembelajaran dan akibat memanipulasinya.

Maisyaroh, M., Mustiningsih, M., Juharyanto, J., Sa'id, M., Ariyanti, N. S., Adha, M. A., ... & Shoifah, S. (2021). Pendampingan guru madrasah dalam evaluasi pembelajaran melalui aplikasi quizizz. *Jurnal Pengabdian dan Pemberdayaan Nusantara (JPPNu)*, *3*(2), 51-60.

Rahmadia, A., & Handican, R. (2023). Bagaimana Evaluasi yang Efektif dalam Pembelajaran Matematika: Tinjauan Persepsi Guru Matematika. *Griya Journal of Mathematics Education and Application*, *3*(2), 357–371. https://doi.org/10.29303/griya.v3i2.332

Samsiadi, S., & Humaidi, M. N. (2022). Efektivitas Google Form Sebagai Media Penilaian Dan Evaluasi Pembelajaran Pai Di Smk Negeri 1 Berau Kaltim. *Research and Development Journal of Education*, *8*(2), 666-673.

Shidik, M. A., Tae, L. F., & Dewi, N. P. Y. A. (2021). Pelatihan Pembuatan Media Pembelajaran Interaktif Dengan Program Articulate Storyline Bagi Guru Smp. *JMM (Jurnal Masyarakat Mandiri)*, *5*(6), 3007-3015.