

## DEVELOPMENT OF EVALUATION TOOLS USING THE QUIZIZZ APPLICATION IN PAI LEARNING IN GRADE 8 JUNIOR HIGH SCHOOL PLUS AL-AQSA MODERN COTTAGE

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### Abstract

*The assessment of learning in numerous schools, whether conducted through written or oral means, often induces a sense of monotony among students with the existing evaluation system. In the evolution of assessment methods, various tools have been introduced, one of which is the Quizizz system utilizing the quizizz program. This article seeks to examine the implementation of assessment tools within the realm of Islamic Religious Education (PAI) by employing the Quizizz application. It investigates whether there are discernible transformations in students and if the tool serves as a motivational factor during the evaluation process, or conversely, if its use hampers the effectiveness of students or the evaluation system. Employing a qualitative approach and field research methods, this study was conducted specifically within the 8th-grade classroom of SMP Plus Al Aqsa. The findings indicate that the integration of Quizizz into PAI learning was not only effective but also succeeded in inspiring students, leading to enhancements in their examination performance.*

Keywords: *Evaluation, Development, PAI Learning, Quizizz Application Tool*

### 1. INTRODUCTION

Islamic education has a positive influence on student behavior because of the basic principles of Islamic teachings that contain good values (Imelda, 2017). Objectives become the main guidelines in designing Islamic education programs, and every program developed in this context is always oriented towards achieving educational goals, so that the results are in accordance with the expectations that have been set.

The success of a program in achieving its objectives can be assessed after its implementation (Elis Ratna, 2015). Through the evaluation process, advantages and disadvantages of the program can be identified, and subsequent steps can be determined to improve and improve previous programs. Evaluation or assessment allows assessment of the extent to which students have achieved learning outcomes, whether the implemented program has provided results in accordance with the expected objectives, or there are still gaps. Without conducting evaluation activities, information about the quality of teaching and learning activities that have been carried out by students and teachers will not be revealed (Saifulloh, 2017). If the evaluation results achieve success or in accordance with expectations, then the implemented program is considered successful. However, if

the evaluation results do not meet expectations, it is necessary to make improvements or updates to the educational process or educational program in order to achieve the desired goals.

The development of successful evaluation instruments in learning Islamic religious education is not only aimed at measuring students' understanding, but also to create an environment that supports the development of spiritual, moral, and ethical aspects (Hasmawati, 2023). The success of learning in the context of Islamic religious education is strongly emphasized on the importance of appropriate and relevant evaluation tools.

Along with the development of Science and Technology (IPTEK), learning evaluation needs to be adjusted to the use of technology and information. In achieving learning objectives, it is expected that teachers have the ability to use evaluation tools that are efficient and affordable, even at a basic level. Fuady (2017) revealed that online evaluation applications, such as Quizizz, are website-based applications that facilitate the implementation of learning evaluations. Quizizz can be accessed through <http://Quizizz.com> site or downloaded through the Play Store. The carefully designed features ensure ease of use, whether online via mobile phone or computer. The app can be applied both in the classroom and outside the classroom, providing greater flexibility. Quizizz features an attractive interface, presents options for timing questions according to student needs, and makes it easy to analyze evaluation results. One of the evaluation tools that can be accessed through a device is the Quizizz application. The app serves as a fun formative assessment tool, supports multiplayer mode, is free, and can be operated on a variety of devices such as computers, tablets, as well as smartphones with Android and Chrome operating systems. Each student, whether individually or in groups, only needs to use one device, and they are not required to create an account on Quizizz beforehand, as they can join directly by entering the game code. In addition, the Quizizz application allows students to optimally use their smartphones to support the learning process.

Based on observations of research activities in Grade 8 of SMP Plus Al Aqsa, it was found that the evaluation tools currently used are still conventional. The use of this kind of evaluation tool tends to be less effective and less interesting, thus causing boredom and lack of motivation in students. In addition, the use of conventional evaluation tools also takes a long time for teachers to assess the evaluation results. Facing this challenge, researchers are interested in exploring the possibility of implementing evaluation tool development by utilizing the Quizizz application in PAI subjects. This application attracts attention because it has an attractive interface and features that support the implementation of evaluations effectively, practically, and attractively. The purpose of this study is to improve the effectiveness and practicality of the implementation of learning evaluation in schools, while increasing student interest and motivation.

## **2. IMPLEMENTATION METHOD**

The research method applied in this study is a qualitative approach with a focus on field research, which relies on data sources and research processes in specific locations (Musfiqon, 2012). The subject of this study was 8th grade at SMP Plus Al Aqsa. Data were obtained through a variety of methods, including observation, interviews, documentation, and literature review. Data sources include Islamic Religious Education textbooks, learning administration, and articles related to

psychological aspects in the Islamic Religious Education curriculum. The interviews involved school principals, Islamic Religious Education teachers, and learners. The collected data is analyzed using descriptive-analytical methods. The information obtained is collected, presented, condensed, and finally conclusions are drawn as the final result of this study.

### **3. RESULTS AND DISCUSSION**

#### **Result**

##### **Understanding development, tools and evaluation**

According to KBBI, the etymology of the word "development" indicates a process or method to improve or expand something (Supriadi, 2016). Prof. Dr. H. M. Arifin, Med, argues differently, describing the etymology of "development" as a change aimed at achieving better results. Thus, the concept of "development" carries positive connotations involving positive change in a context.

In the context of "development," the perspective mainly refers to activities aimed at creating new tools or methods, involving continuous evaluation and refinement during the process (Rayanto, 2020). If the tool or method has undergone a series of improvements and is considered sturdy enough to be used continuously, then development activities are considered complete. Basically, development involves a process of evolution and continuous improvement until it reaches an adequate stage of usability.

Development is an action or process that aims to improve or expand an entity. More specifically, development can refer to enhancement or expansion efforts in a variety of sectors, including technology, education, business, or human resources. The main goal of development activities is to achieve better or more advanced results than the previous state.

An object or instrument used to achieve a specific purpose is called a tool. Tools help humans accomplish specific jobs or tasks and can take the form of physical objects, mechanical machines, or computer software, depending on the context in which they are used. The variation in the use of the tool depends largely on the needs and intentions of the user. In general, tool design aims to increase efficiency, productivity, or human ability to carry out certain tasks.

Etymologically, the word "evaluation" has its origins in English, "evaluation." The term "evaluation" itself comes from the word "value," which refers to the value or price of a thing (Magdalena, 2020). In the context of Arabic, the word "Valuation" has an interpretation as "tatsmiim," "taqyim," or "taqdir." The origin of the word "evaluation" is also related to the verb "to evaluate," which means to make an assessment. Evaluation can be interpreted as an attempt to assess something using certain criteria. Therefore, literally, educational evaluation or "taqdir al-tarbawiy" can be interpreted as an assessment process in the context of education or assessment of aspects related to education.

Evaluation is a series of planned steps used to assess, measure, or evaluate an object, activity, or program. This is done with the aim of identifying successes, weaknesses, or the impact of the things evaluated (Muryadi, 2017). The purpose of the evaluation is to provide a deeper understanding of the effectiveness and quality of the object or activity being evaluated. In addition, evaluation also aims to provide a solid basis for better decision making.

Evaluation spans a wide range of domains, including assessment in the context of education, organizational performance evaluation, social program assessment, product evaluation, and various other fields (Juanda, 2020). The evaluation process involves a series of steps, ranging from data collection, data analysis, to drawing conclusions based on the results of the evaluation that has been carried out.

There are various types of evaluation, including formative evaluations that occur during the development of a programme or project, and summative evaluations that take place after the completion of a programme or project. The objectives of the evaluation include verifying the

achievement of objectives, identifying potential improvements, and providing accountability. This means that evaluation has an important role in ensuring the achievement of goals, identifying areas that need improvement, and providing accountability. Its significance lies in the efficient use of resources and constant efforts to improve the quality and yield of the activities evaluated..

### **Various Evaluation Tools**

There are various kinds of evaluation instruments used to measure and assess various aspects, such as achievement, development, or effectiveness of a program, project, or activity (Sari, 2018). Educational evaluation instruments refer to tools or methods used to assess and collect information related to learning processes and outcomes. In this context, there are several types of educational evaluation tools that are commonly used:

1. Test or exam

This evaluation instrument has the purpose of assessing the level of understanding, knowledge, skills, and abilities of students. Examples involve written exams, practical exams, and oral exams, which are useful for providing an overview of the extent of student achievement in various aspects of learning.

2. Questionnaire or questionnaire

This evaluation instrument involves a collection of written questions given to students, teachers, or parents with the aim of gathering information around various aspects of education. The aim is to gain a thorough understanding of the development and situation of education holistically.

3. Observation

The observation method involves directly observing activities, behaviors, or interactions in the educational environment. This approach is useful for evaluating teacher performance, evaluating students, or gaining a better understanding of the learning process.

4. Portopolio

Students compile a variety of sample works, such as projects, notes, and assignments, in the form of portfolios. This approach brings advantages in evaluating student development and achievement on an ongoing basis..

5. Interview

Engaging in dialogue with students, teachers, or parents through interviews provides a deep understanding of the educational experience and the barriers faced.

6. Formative and summative assessment

Formative assessment is practiced throughout the learning process to provide feedback and guidance to students, while summative assessment is a final assessment that evaluates student achievement at the end of a certain period.

7. Rubric

A rubric is an assessment guide that contains criteria for assessing the quality of student execution in a particular task or project.

8. Monitoring progress monitoring

This tool is used to monitor student progress over time, especially in special education situations.

9. Achievement Tests

These assessments measure student achievement in specific disciplines, such as math, languages, or science.

10. Aptitude Tests

This assessment measures students' general abilities in various aspects, which may not be directly related to the subject matter. The establishment of educational evaluation instruments needs to be tailored to the specific purpose, the type of data to be collected, and the level of education

involved. Sometimes, the use of multiple evaluation tools together is applied to gain a thorough understanding of educational processes and outcomes.

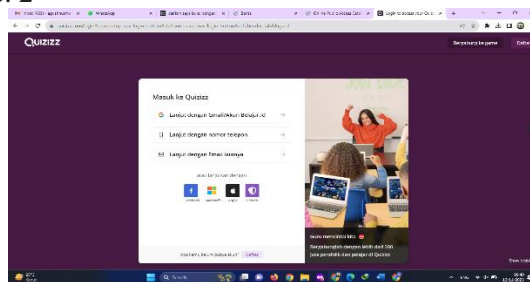
### Quizizz App

The Quizizz educational platform is a game-based application that allows many students to participate in class, creating a more interactive and entertaining learning experience (Silitonga, 2021).

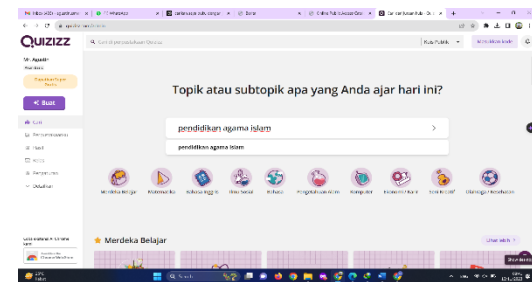
Students can use the Quizizz application to practice answering quizzes using their electronic devices (Anggraini, 2020). What makes Quizizz stand out lies in its many interesting features like avatars, themes, memes, and music that aren't available in similar apps. The use of Quizizz also generates a healthy spirit of competition among students, increasing learning motivation among them.

Quizizz can be accessed via <http://Quizizz.com> link or downloaded via Google Play Store or App Store. Here are the steps to use the Quizizz App:

1. Click Link : <http://Quizizz.com>
2. Sign in to the application with a user account (*See figure.1*)
3. Picture. 2

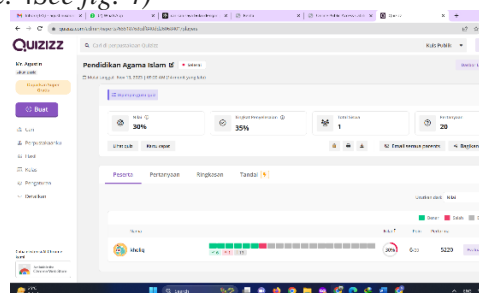


Gambar. 1

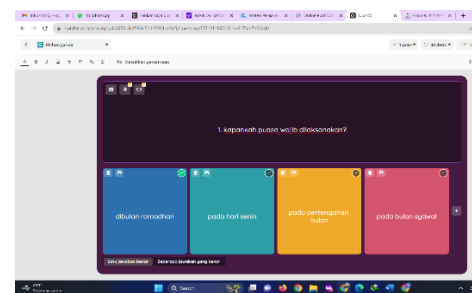


Gambar. 2

4. Click on the "Create" option to start creating the question or questions. (*See fig. 3*)
5. Picture. 4*See fig. 4*



Gambar. 3

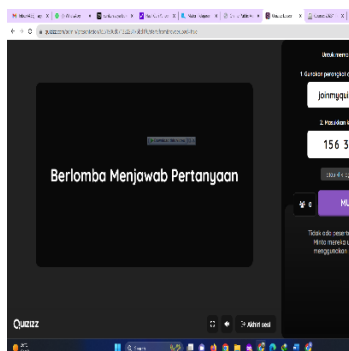


Gambar. 4

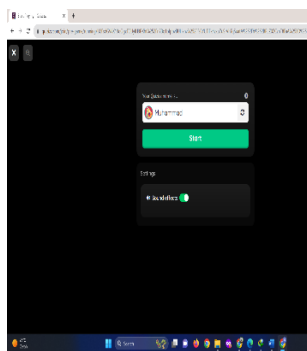
6. Deliver the link to the students who will take the exam. (*See fig. 5*)
7. Students start by accessing the link, then input their name and status. (*See fig. 6*)
8. Picture. 7*See fig. 7*

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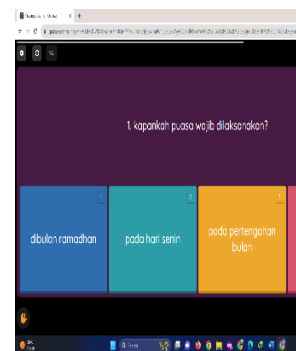
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Gambar. 5



Gambar. 6



Gambar. 7

The Quizizz app, like most apps, has advantages and disadvantages. Here are some advantages and disadvantages of this application:

a. Quizizz App Pros

The Quizizz app has a number of advantages, including (1) awarding points and rankings to students every time they answer correctly, creating an element of competition. (2) When students answer incorrectly, the application displays the correct answer in addition to learning. (3) After completing the quiz, students can repeat their questions by using the Review Question feature. (4) Quizzes in the form of homework (homework) are randomized, so that each student gets a different list of questions, creating variations in assignment work.

Using Quizizz is considered more practical because it eliminates the need for paper, is more efficient by automatically recording answers in Microsoft Excel, and provides an interactive experience with colorful animations and attractive sounds. In addition, in the process of creating questions, Quizizz provides wide flexibility, allows the preparation of questions that spur high thinking skills (High Order Thinking Skills), and can be immediately displayed on the screen of participants' electronic devices.

b. Disadvantages of the Quizizz App

Although the Quizizz application has various advantages, there are several disadvantages that need to be considered, including: 1) Students can open a new tab during the course of doing the problem, resulting in potential interference with the focus of the work. 2) Teachers face difficulties to control students using the new tab, thus affecting supervision during quiz sessions. 3)

The application relies heavily on the quality of the internet network, which may affect the user experience during use. 4) There is a possibility for students to open a new tab, resulting in opportunities for cheating or distraction during the quiz. 5) Working on quizzes requires careful time management so that students can complete assignments efficiently and on time.

**Implementation of Evaluation Tool Development Using Quizizz Application in PAI Learning at SMP Plus Al Aqsa**

A. ✓

Aspek Penilaian/Indikator	Kriteria	Skor					Keterangan (Bagian ini diisi dengan jelas)
		1	2	3	4	5	
A. kurikulum	1. kesesuaian Materi dengan			✓			

	kompetensi dasar		
	2. kesesuaian Materi dengan Indikator Pencapaian Kompetensi		√
	3. Kesesuaian Materi dengan tujuan pembelajaran		√
B. Penyajian Materi	1. Keruntutan materi	√	
	2. Kelengkapan Identitas Soal	√	
	3. Materi disesuaikan dengan aspek kognitif peserta didik		√
	4. Picture. 3	√	
	5. Dapat digunakan secara individu dan kelompok	Picture. 6	
	6. Kesesuaian kategori soal		√

	7. Description (This section is clearly filled)		1	
	8. Kunci jawaban	✓		
	9. Keterlibatan peserta didik		✓	
	10. Kelengkapan soal sesuai dengan materi		✓	
	11. Keakuratan konsep	Material demands		
	12. Keakuratan gambar	Completeness of Question Identity		
	13. Keakuratan istilah-istilah	The material is adjusted to the cognitive aspects of learners		
	14. Komunikatif		✓	
	15. Mendorong rasa ingin tahu		✓	
C. Penggunaan bahasa	1. Penggunaan bahasa sesuai dengan EYD		✓	

**D. Good**

No	Aspek yang Diamati	Ya (✓)	As a practical and efficient evaluation tool	Catatan/Observasi
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1	✓	✓	Baik
2	Answer key	✓	✓
3	Keterbacaan dan Kecocokan Soal	✓	Student engagement
4	varian Soal Evaluasi	✓	Baik
5	Keterkaitan Soal dengan Materi	Completeness of questions according to the material	Baik
✓	Penggunaan Instruksi yang jelas	✓	Baik
Accuracy of the concept	Waktu yang Disediakan untuk Evaluasi	✓	Baik
8	Relevansi dengan Tujuan Pembelajaran	✓	Baik
✓	Respon Siswa terhadap Evaluasi	✓	Baik
10	Accuracy of terms	✓	Baik

**E. Interview Results**

In addition to conducting evaluations, researchers also conducted interviews with school principals regarding the preparation of assessment instruments using the Quizizz application. The principal stated that the development of evaluation instruments through Quizizz was considered very useful, albeit simple. This success is due to the significant impact of the Quizizz application on improving the quality of learning and assessment, especially in the context of Islamic Religious Education (PAI). In the interview, the principal provided views on specific strategies to ensure the suitability and relevance of the evaluation instrument to the PAI learning material. The use of Quizizz is considered effective in compiling evaluation instruments for PAI learning. The method applied in the development of evaluation instruments using Quizizz involves a teacher creativity approach, where teachers create their own questions based on learning material books used in schools.

In addition, researchers are also looking for views from an educator who uses the Quizizz application. The educator explained that the use of evaluation tools through Quizizz is very user-friendly, making it easy for educators to engage as assessors and monitor student responses. Educators can also verify that the evaluation instruments used through the Quizizz app match the PAI learning content. Using this app, educators can recognize differences and make improvements to improve the quality of learning and PAI evaluation. While there are still some obstacles, such as a number of students who are not fully proficient in using the app and limited resources, educators see a positive impact on students after going through the evaluation process with Quizizz. Therefore, educators expect to get additional time in learning hours and efforts to ensure the availability of resources for the development of evaluation instruments.

After that, researchers tried to interview a student regarding the use of the Quizizz application in the development of evaluation tools. The student stated that the use of Quizizz in the evaluation was considered very positive and interesting, providing additional motivation to the student to be more active in the learning process. They realized that changes in teacher assessment approaches in the internet age had a significant impact, not only making it easier for teachers to provide assessments

but also increasing students' enthusiasm for learning. The students hope that all teachers can adopt the application, especially in the context of Islamic Religious Education (PAI) learning, and also try other applications to develop evaluation tools in the learning process. In addition, students expect that semester exams for all students can be conducted using the Quizizz application. Therefore, it can be concluded that the implementation of the development of evaluation tools through the Quizizz application in grade 8 of SMP Plus Al Aqsa was successfully implemented, providing motivation to students, and improving their learning outcomes.

#### **4. CONCLUSION**

The development of evaluation tools in the context of Islamic Religious Education learning has great importance. Effective evaluation tools play a crucial role in measuring students' understanding of Islamic religious teachings and ensuring the achievement of learning objectives.

The development of evaluation tools involves the process of designing, developing, and testing devices or instruments used to assess or evaluate the performance, knowledge, skills, or behavior of a particular individual or system. This evaluation instrument has flexibility and can be applied in a variety of contexts, including in the education sector, the business world, research, and organizations. The main purpose of using evaluation instruments is to collect the necessary data to make relevant decisions and support the development and improvement process.

The development phase of an evaluation instrument involves a number of steps, including setting evaluation objectives, designing evaluation questions or elements, piloting the tool to ensure its validity and reliability, and finally, applying it in the collection of data to be assessed.

Based on the results of using the Quizizz application to develop evaluation instruments in Islamic Religious Education learning in grade 8 of SMP Plus Al Aqsa, it can be concluded that the implementation of the development of evaluation instruments by researchers has been effective. This finding shows that the evaluation tools created through Quizizz can be used optimally in the implementation of exams. In addition, the tool has the potential to provide motivation to learners during the learning process, while improving their exam results.

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