

DEVELOPMENT OF GOOGLE SITES-BASED TOSAURBA WEBSITE MEDIA IN LEARNING ISLAMIC RELIGIOUS EDUCATION IN ELEMENTARY SCHOOLS

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Abstrak

Penelitian ini bertujuan untuk mengembangkan media pembelajaran digital berbasis website bernama *Toseurba* (Toleransi Pemersatu Umat Beragama), yang dirancang untuk meningkatkan wawasan dan pemahaman siswa kelas IV Sekolah Dasar mengenai nilai-nilai toleransi antarumat beragama melalui mata pelajaran PAI. Metode penelitian yang digunakan adalah *Design and Development* (D&D) dengan model pengembangan ADDIE (Analysis, Design, Development, Implementation, and Evaluation). Subjek penelitian terdiri atas 41 siswa kelas IV di SDN Cimalaka III. Validasi terhadap produk dilakukan oleh ahli media dan ahli materi melalui angket skala Likert, dengan hasil menunjukkan tingkat kelayakan produk pada kategori sangat tinggi, dengan rata-rata skor sebesar 97,95%. Implementasi produk dalam proses pembelajaran menunjukkan adanya peningkatan signifikan dalam pemahaman siswa terhadap materi toleransi, di mana 36 dari 41 siswa berhasil mencapai (KKM) pada evaluasi post-test. Selain itu, respons siswa terhadap website *Toseurba* sangat positif, dengan persentase rata-rata 99,2% menyatakan bahwa media ini menarik, mudah dipahami, dan menyenangkan. Implikasi dari penelitian ini menunjukkan bahwa integrasi teknologi digital dalam pembelajaran PAI tidak hanya meningkatkan efektivitas penyampaian materi, tetapi juga berkontribusi pada pembentukan karakter siswa, khususnya dalam menanamkan nilai toleransi sejak dini. Oleh karena itu, pengembangan media digital serupa perlu dipertimbangkan oleh pendidik dan pembuat kebijakan sebagai strategi inovatif dalam pendidikan karakter berbasis multikultural di sekolah dasar.

Kata Kunci: Pendidikan Agama Islam, Sekolah Dasar, Website.

Abstract

This research aims to develop a website-based digital learning media called *Toseurba* (Tolerance for Religious Unity), which is designed to increase the insight and understanding of grade IV elementary school students regarding the values of tolerance between religions through the subject of PAI. The research method used is *Design and Development* (D&D) with the ADDIE (Analysis, Design, Development, Implementation, and Evaluation) development model. The research subjects consisted of 41 grade IV students at SDN Cimalaka III. Validation of the product was carried out by media experts and subject matter experts through a Likert scale questionnaire, with results showing that the product feasibility level in the category was very high, with an average score of 97.95%. The implementation of the product in the learning process showed a significant increase in students' understanding of tolerance material, where 36 out of 41 students managed to achieve the (KKM) in the post-test evaluation. Additionally, student responses to *the Toseurba website* have been overwhelmingly positive, with an average percentage of 99.2% stating that the medium is engaging, easy to understand, and enjoyable. The implications of this study show that the integration of digital technology in PAI learning not only increases the effectiveness of material delivery, but also contributes to the formation of students' character, especially in instilling the value of tolerance from an early age. Therefore, the development of similar digital media needs to be considered by educators and policymakers as an innovative strategy in multicultural-based character education in elementary schools.

Keywords: Islamic Religious Education, Elementary School, Website.

Introduction

In social life, every individual will inevitably interact with various groups with various backgrounds including religious differences. Not infrequently, tensions arise between one group of people and another, both related to race and religion. In order to create a harmonious and peaceful community environment, the application of tolerance is the main key so that conflicts and hostilities can be prevented. More than that, it is important for people to respect each other's rights and obligations[1].

A supportive learning atmosphere in schools, especially in the classroom, greatly affects students' ability to think clearly and focus on absorbing lessons[2]. Therefore, creating a fun environment is essential for students to feel motivated to participate in learning activities. School should be the most comfortable place for students to learn various things, including developing character, social skills, discipline, and a sense of responsibility towards themselves or in community life. But in reality, the influence of social media today causes students' character to begin to erode, such as the loss of mutual respect, care, and respect between students. To address this issue, all teachers and school staff need to play an active role in guiding students, especially at the primary school level[3].

The subject of Islamic Religious Education (PAI) has a very close relationship with character formation [4],[5]. PAI learning in elementary school not only aims to teach religious values, but also values that are in accordance with Pancasila, one of which is the character of tolerance. PAI has great potential in instilling religious character in students, because tolerance character is closely related to religious character. A person's tolerant character can be seen from their ability to establish good relationships with others, respect, mutual respect, and care for others regardless of their background[6].

To help students understand the importance of tolerance, especially tolerance between religions, the media development initiative Toseurba (Tolerance for Religious Unity) is an innovative effort[7]. The selection of website media is based on its effectiveness in supporting learning activities, as well as its potential in motivating students to increase their enthusiasm for learning[8]. According to Efendi, a website is one of the electronic publication media consisting of web pages that are interconnected through links placed in text or images[9]. The website that was developed contains learning outcomes and learning objectives, developer profiles, prayers before and after learning, learning materials in the form of flipbooks, learning videos in the form of sound comics, and evaluations in the form of multiple-choice questions to measure how well students understand the material presented. The development of the Toseurba Website media aims to

increase the insight and knowledge of 4th grade elementary school students regarding tolerance between religions through the subject of Islamic Religious Education (PAI).

The development of Toseurba Website media using the Google Sites platform, is based on the importance of instilling an attitude of tolerance from an early age.[10] The results of various previous research have revealed that the understanding of tolerance and harmony between religious communities is a crucial aspect that needs to be maintained in Indonesia, including in the context of religious education at the elementary school level. Based on the identification of needs, the implementation of innovative learning is considered essential in increasing students' understanding of appreciation for different religions[11]. The Toseurba website is present as a new initiative that utilizes digital technology to disseminate the values of tolerance while supporting the development of digital literacy in the future.

The uniqueness of the development of the Toseurba Website media is the use of social media as a learning medium.[12] Learning videos in the form of sound comics on the website can help students understand the importance of tolerance between religions. This website is expected to build mutual respect and prevent conflicts in the future.

Research Methods

This research uses the Design and Development (D&D) method, known as the design and development approach.[13] This method is a structured study that focuses on the design, development, and evaluation process, aiming to provide empirical evidence in creating products, teaching and non-teaching tools, and enhanced models[14].

The trial of this website product was carried out on the research subject, namely in grade IV students of SDN Cimalaka III consisting of 41 students. In this study, the validation process involved two experts, namely PAI teachers as media experts and material experts, who acted as validators to assess the quality of the website products developed. Validity is carried out to ensure that the website product meets the feasibility standards both in terms of technicality, namely the medium and the content or material. Data was collected through an instrument in the form of a questionnaire, which was designed to measure the assessment and response from experts to the quality and effectiveness of websites as a learning medium. The questionnaire used covers a number of important aspects, such as design clarity, ease of use, relevance of the material to learning needs and student involvement. The results of this validity become the basis for refining the product before it is implemented more widely. By involving experts as validators, this study seeks to ensure that the resulting product is not only effective but also feasible to use in the context of learning.

Discussion

At the initial stage of the research, the research team carried out preparations through observation to obtain initial data and identify the actual situation in the field. Based on the findings of these observations, the team compiled Google Sites-based teaching materials as a medium to be used in the implementation of the research. In addition, the research team compiled structured procedural steps and established a research timeline to be implemented in the school that had been designated as the study location.

The next stage in this study is validation, where the research team tested Google Sites-based teaching materials to Mrs. Ani Nur Aeni., as the supervisor, and Mrs. Hj. Iis Nasriah, S.Pd.I., who is a teacher of Islamic Religious Education (PAI) at the school where the research was conducted. After receiving input from these experts, the research team made improvements to the Google Sites-based teaching materials before the materials were used in the research implementation.

The Toseurba website is a digital learning platform designed specifically for 4th grade elementary school students in the subject of Islamic Religious Education (PAI), with an emphasis on moral material related to tolerance between religions. This media was developed to answer concerns about the negative influence of technology on student morale and emphasize the importance of tolerance and harmony in Indonesia.

Based on the identification of needs, the implementation of innovative learning is considered essential in increasing students' understanding of appreciation for different religions. The Toseurba website is present as a new initiative that utilizes digital technology to disseminate the values of tolerance while supporting the development of digital literacy in the future.

The Toseurba website is designed to help students understand and raise awareness about interfaith tolerance. These media offer an effective, fun, and motivating learning experience for students with features such as learning objectives. Prayers before and after studying, materials in the form of flipbooks, video comic with voices, and practice evaluation questions.

The website also teaches life skills for children and is presented in an engaging format. With a fun learning atmosphere, students can more easily understand the material. The presence of sound comic videos is the main attraction that increases students' enthusiasm and motivation to learn. The stages that have been implemented with the ADDIE (Analysis, Design, Development, Implementation, Evaluation) model are used in website development as follows:

1. Analysis

The analysis stage in this study is focused on identifying underlying problems and needs.

Through this analysis, solutions are designed in the form of product development that suit the

identified needs. The results of this stage provide a solid foundation in product planning that aims to be the answer to the problems faced. This process begins with conducting an interview with a 4th grade teacher. The results of the interviews show that the average 4th grader experiences a decrease in tolerance due to the influence of current social media which causes students' character to begin to erode, such as the loss of mutual respect, care, and respect between students. In addition, students are less interested in the learning process because teachers rarely use technology and apply conventional methods more often. Given that 4th graders don't like long texts but are happy with attractive appearances, the researchers decided to use google sites as an alternative solution. After identifying these issues, the next step is to plan the development of the product as the right solution.

The researcher also designed the product research instrument. These steps are taken to ensure that the Toseurba website product based on google sites is developed in accordance with the needs and standards that have been set and is able to attract the attention and enthusiasm of students. After observing the problems that occurred in grade IV of SDN Cimalaka III, the researcher decided to use the website as a learning medium. This step was taken to increase students' motivation and enthusiasm in learning material about interfaith tolerance.

2. Design

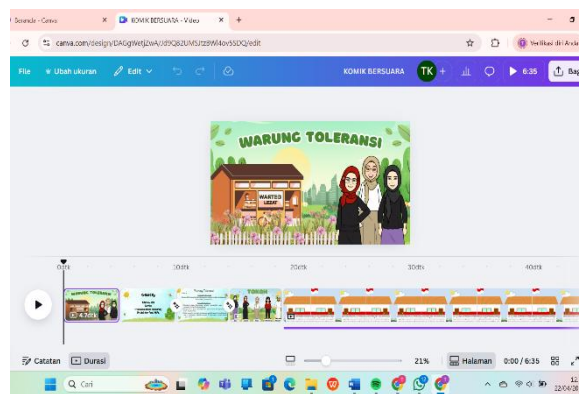
Based on the results of the analysis, the Toseurba Website media was designed by the researcher with the aim of increasing motivation, the efforts made are directed to encourage enthusiasm and enthusiasm in achieving the desired results. Website design includes steps such as theme selection, determination of Learning Outcomes, and determination of Learning Objectives that are aligned with students' needs. In addition, the researcher also developed an evaluation instrument to assess the extent to which the website is effectively used as a learning medium.

3. Development

Once the design stage is complete, the next step is the development stage. At this stage, the researcher chooses the platform to be used for the product manufacturing process. The researchers decided to use Google Sites to create websites, Canva to design and create designs, Heyzine to compile and produce flipbook-shaped e-books, and YouTube to upload learning videos and evaluation videos.



Gambar 1. Tampilan Platform Google Sites



Gambar 2. Tampilan Platform Canva



Figure 3. YouTube Platform View



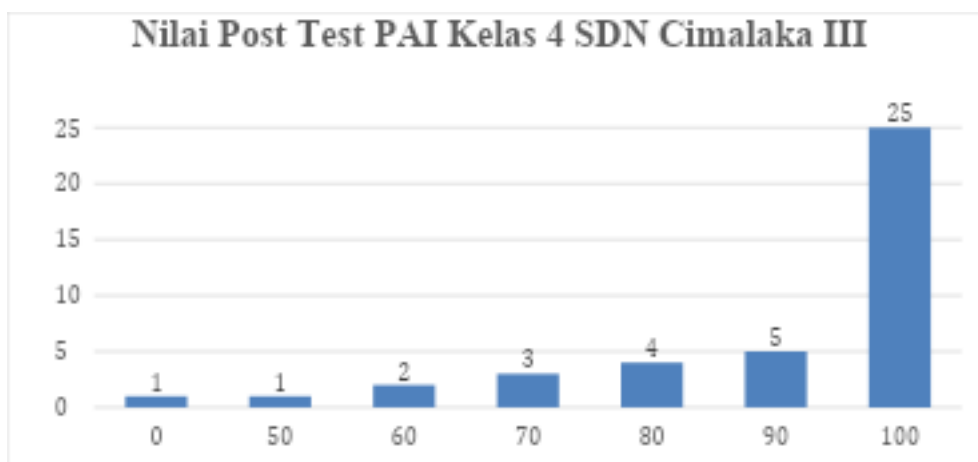
Figure 4. Heyzine Platform Display

4. Implementation and Evaluation

The application of the Toseurba Website media (Tolerance for Religious Unity) in learning Islamic Religious Education (PAI) for grade 4 at SDN Cimalaka III, located on Jl. Alun-alun Cimalaka No. 11, Cimalaka District, Sumedang Regency, West Java, involved 41 students as trial participants. During the implementation process, students are guided in using the website while ensuring that its use supports learning goals. In its implementation, the website is displayed in front of the classroom through a projector. In addition, the researcher also utilizes interactive features on the website, such as learning materials, evaluation videos, and learning videos in the form of sound comics to create a more interesting and interactive learning atmosphere so that students' enthusiasm increases. The results showed that the majority of students managed to understand the concept of tolerance between religions well. They are able to give and distinguish real examples of such concepts in daily life.

Students' Understanding of the Material Contained in the Website

After learning using the Toseurba website is complete, students return to their original position to take part in the evaluation or post-test. The evaluation was carried out by providing 10 multiple-choice questions that included material on tolerance between religions. The purpose of this evaluation was to measure the extent to which students understood the concept of tolerance and to assess the effectiveness of the Toseurba website in helping them understand and apply tolerance in their daily lives. These questions are designed to hone students' skills in critical and analytical thinking. The following are the results of the student evaluation:



Gambar 5. Nilai Post Test PAI Kelas 4 SDN Cimalaka III

The results of the evaluation showed that 36 students managed to achieve or exceed the Minimum Completeness Criteria (KKM), while 7 students obtained a score below 75, which is usually the minimum graduation limit at the elementary school level. This indicates that the majority of students have a good understanding of interfaith tolerance after using the Toseurba Website. This media has proven to be effective in helping students understand the concept of tolerance, including its meaning, examples of tolerance, the importance of tolerance, and how to cultivate this attitude in daily life.

Expert Validation

Validity refers to how precise or accurate the data obtained from the research object is compared to the data disclosed by the researcher. Data is considered valid if it reflects the reality in the field and is consistent with the information collected from the research subjects [15]. In the context of website development for interfaith tolerance material, validation is carried out by asking

for opinions and evaluations from experts on the design of the Toseurba website that has been created.

After going through the validation process, the results showed that the Toseurba website for interreligious tolerance material was considered suitable for use in learning. Average ratings from media and material experts show an excellent level of eligibility. The details of the evaluation of each validator, both in terms of material and media, are the main determinants of the quality of this website. The higher the score from the experts, the greater the potential for this website to become an effective and quality learning medium.

Table 1. Validity Criteria	
Kriteria Validitas	Validity Level
85,01% - 100,00%	Highly Valid
70,01% - 85,00%	Quite Valid
50,01% - 70,00%	Less Valid
01,00% - 50,00%	Invalid

Source: [16]

Formulas for measuring the level of validation qualitatively: $Vah = Tse/Tsh \times 100\%$

Information:

Vah : Expert validation

Tse : Total empirical score achieved

Tsh : Total expectation score

The Toseurba website, which discusses tolerance between religions, has gone through a validation process using a Likert questionnaire with a variety of answer choices. This validation process involves two types of experts, namely material experts and media experts, who provide assessments related to the material and media aspects on the website. The assessment given by the two experts is then calculated on average for each aspect assessed.

The following table shows the results of assessments made by experts, both in terms of material and media regarding the development of the Toseurba website based on Google Sites about tolerance between religions. The data in the table includes the average score for each aspect validated, as well as the overall score and product eligibility category. The results of this validation data help researchers identify the advantages and disadvantages of the website, so that they can be improved before further tests are carried out.

Table 2. Expert Assessment Scale Indicator	
The components between media are appropriate and interconnected	5
The product can be used anywhere	5
The evaluation given can measure students' comprehension ability	5
Product design can motivate students to have good morals	5

Product design can motivate students to study diligently	5
Product design can encourage students' curiosity	5
Product design can encourage students' empathy	5
Suitability of the material to the phase/class	5

Table 3. Expert Assessment Scale Indicator

Indikator	Rating Scale
	Material Expert
The learning media of the Toseurba Website is easy to use in the learning process.	5
The learning media of the Toseurba Website helps to provide a concrete explanation of the material	5
Suitability of learning objectives with media	5
The images presented correspond to the material	5
Use Indonesian that is in accordance with Enhanced Spelling (EYD)	5
Arabic and Latin writing and background sound on the Toseurba Website can be seen and read and heard clearly	4
The words used are simple and communicative	5
The components between media are appropriate and interconnected	5
The product can be used anywhere	5
The evaluation given can measure students' comprehension ability	5
Product design can motivate students to have good morals	5
Product design can motivate students to study diligently	5
Product design can encourage students' curiosity	5
Product design can encourage students' empathy	5
Suitability of the material to the phase/class	4

Eligibility results:

Media members: $74/75 \times 100\% = 98.6\%$

Materialistic: $73/75 \times 100\% = 97.3\%$

$98.6 + 97.3/2 = 97.95\%$ (Very valid/eligible)

The results of the validation assessment from material experts and media experts show that the Toseurba Website is very suitable for use, with a validation value of 97.95%. But besides that, our products are not 100% perfect because there are some notes that must be corrected in the media that we have made. These notes include that it is required to include the backsound of Qur'anic verses on several website menus, especially on the prayer menu and flipbook.

Student Response to the Website

Question	Agree		disagree	
	Many	%	Many	%
Does the website have an attractive appearance?	41	100	0	0
Does the website help you to learn?	40	98	1	2
Do you enjoy learning how to use the tosaurlba website?	41	100	0	0

Is the content of the material easy to understand?	41	100	0	0
Is the Exercise Question Easy to Do?	40	100	1	2
Rata-Rata	40,6	99,2	0,4	0,8

Based on the data from the table, 4th grade elementary school students gave a very positive response to the Toseurba Website. Their average rating reached 99.2% in various aspects such as media quality, language, and content. This figure shows that Toseurba's products are very feasible and have great potential to be implemented in learning activities.

Conclusion

Based on the results of the development and research that has been carried out, it aims to develop a learning media in the form of the Toseurba Website, called Tolerance for Religious Unifying Communities, aiming to teach the value of tolerance between religions to 4th grade students of Islamic Religious Education (PAI). This website is tailored to the needs of today's digital era which requires educators to be able to take advantage of digital platforms that can be used to make it easier for students to understand learning materials. This research was carried out in 5 stages, including Analysis, Design, Development, Implementation, and Evaluation (ADDIE). The feasibility of the product was obtained through a development process that involved an assessment from a validator lecturer as a media expert and an Islamic Religious Education (PAI) teacher of SDN Cimalaka III as an expert in learning materials.

Based on the results of the assessment conducted by media experts, the Toseurba Website that has been developed has reached an average feasibility level of 98.6% and is categorized as "Very Feasible" to use. In addition, the feasibility aspect of learning materials reached an average score of 97.3%, which is also included in the "Very Feasible" category. In the trial stage of the Toseurba Website product in the field, the media received a positive reception from students with a response score of 99.2% in the category "Very Feasible". From the results of the assessment, the students agreed that the use of the Toseurba Website made it easier for them to understand the learning material. Overall, this research succeeded in developing an innovative learning media in the form of the Google Sites-based Toseurba Website, which is effective in increasing the insight and concern of elementary school students regarding interreligious tolerance.

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