WEBSITE DESIGN TO SUPPORT LEARNING SYSTEM IN PRIVATE SD PUTRI DELI NAMORAMBE

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Abstract

Education is a process of communication and information from educators to students which contains information about education, which has elements of educators as sources of information, media as a means of presenting ideas, ideas and educational materials as well as students themselves, some elements of This approach gets a touch of information technology media, thus sparking the birth of the idea of e-learning. Deli Namorambe Putri Private Elementary School is still carrying out the direct learning process, where the entire teaching and learning process between teachers and students can only be done with class meetings. If there is no meeting between students and teachers in the classroom, the learning process will not occur. This causes the delivery of material and assignments to be disrupted so that it can result in a lack of student understanding of a learning material. The development of this system uses the PHP programming language, xampp as a local web server on the computer. With this system, it can help teachers and students in the teaching and learning process so that it can be used to fill out attendance lists, upload teaching materials, download teaching materials, take quizzes, send assignments and exams.

Keywords: Website, Information System

1.   INTRODUCTION

The development of information technology from year to year continues to grow rapidly, with the development of this technology can change the view of the wider community in seeking information and to obtain the desired information is no longer limited to certain media, such as radio, TV and newspapers. But information can be obtained from many sources including from certain websites that are quickly connected to the internet network without having to come to the source of the information.

With the development of technology is very influential and has an impact on many fields, including the field of education. Education is a process of communication and information from educators to students which contains information about education, which has elements of educators as sources of information, media as a means of presenting ideas, ideas and educational materials as well as students themselves, some elements of This approach gets a touch of information technology media, thus sparking the birth of the idea of e-learning.

E-Learningis a teaching and learning process that uses electronic systems or applications to support the development of teaching and learning activities with several media such as the internet, intranet and other network media. With the existence of e-learning can carry out the learning process without having to face to face directly. As one of the educational institutions, Deli Namorambe Putri Private Elementary School is still carrying out the direct learning process, where the entire teaching and learning process between teachers and students can only be done with class meetings. If there is no meeting between students and teachers in the classroom, the learning process will not occur. This causes the delivery of material and assignments to be disrupted so that it can result in a lack of student understanding of a learning material.

2.   METHOD
2.1   Website
Understanding a website or also often called a website can be interpreted as a collection of pages that can display information such as text data, moving figura data or still figura data, animation data, sound, video and a combination of all of them both static and dynamic that form a series of buildings. which are interconnected where each part is connected by a network of pages. (D. Puspita and S. Aminah, 2018).

A website can also be interpreted as a collection of documents that are on a server and can be viewed by users using certain browsers. The document can consist of several pages. Each page provides different and varied information. The information can be in the form of writing, figuras, videos, audioio, animation and so on.

2.2   UML (Unified Modeling Language)
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2.3   PHP Programming Language
PHP is a programming language for creating server-side web scripting. PHP is used to build dynamic web pages. The database management system that is often used with the PHP programming language is MySQL. But this PHP programming language also supports Oracle database system management, Microsoft Access, and so on.

According to Supono & Putratama (2018: 1) stated that PHP (PHP: Hypertext preprocessor) is a programming language used to translate the program code base into machine code that can be understood by a server-side computer which is added to HTML. PHP programming language is very popular because it is open source and easy to understand. The use of PHP can be combined with other programming languages..

3. RESULT AND DISCUSSION
3.1 Login Page
The login page is a menu used to enter the system. And is a menu to filter users into the system, only those who have registered with a user id and password can login and access the website.

Figura 1.Login Menu Display

3.2 Admin Menu Page Display

On this page the admin logs in and inputs the required data such as teacher/teacher data, student data, class data and subject data.

Figure 2. Admin Menu Display

3.3 Main Page Display

The main page displays information about the e-learning website along with the available menus.As in the following picture

Figure 3. Main Page Display

3.4 Student Data Input Page Display

The Student Data Input page displays a form for inputting data about students, such as ID, name, address, gender, and password that will be used by students to log into the system.

Figure 4.Student Data Input Page Display

3.5 Class Menu Display

This menu displays a list of classes that are entered into the system, as shown in the following figure:

Picture5. Class Page View

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3.1 Display Menu Download Materials and Assignments

This menu displays materials and assignments that have been inputted by the teacher, these materials can be downloaded by students at any time.

Figure 6.Menu Display Download Materials and Assignments

4.   CONCLUSION

Based on the results of the research and analysis conducted at the Putri Deli private elementary school, the following conclusions can be drawn: The teaching and learning process currently running at Putri Deli's private elementary school is carried out face-to-face in class. Where teachers provide subject matter to students in front of the class, and students listen and pay attention to the subject matter provided by the teacher, without a cloudy system for delivering material, assignments, quizzes and student attendance. bThe system built using the PHP programming language produces a learning information system that is more efficient and effective to support the learning process at the Putri Deli private elementary school. This system can be used as a tool to support the learning system, which can upload teacher data, student data, upload materials and upload student assignments.

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