Website-Based Guest Book Application for Al Hidayah Recitation in Purwosari Village

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Keywords	
application, Guestbook, Al-Hidayah	**Abstract.** The website-based guestbook application for Al Hidayah recitation is a system designed to memorization and simplify the process of managing visits of recitation participants. With this application, this process can be done online via the website. This guestbook application was developed using web technologies such as HTML, CSS and Java Script. Apart from that, using a database uses visit data storage efficiently and safely. With this application, it is hoped that study participants can easily access and register for visits practically and efficiently.

1. INTRODUCTION

Al Hidayah Study is a group of people in the religious field. Located in the Purwosari area, Kudus district. This AL Hidayah study association was created to establish harmony between residents. A website-based guest book is an application or program designed to record data on visitors or institutions, such as home offices or hotels, using internet or web technology [1]. In a website-based guestbook, visitors can register and fill in online via the web page provided by the institution. Website-based guestbook applications are usually equipped with features such as fields for filling in name, address, telephone number, gender. Apart from that, this application also has a visit scheduling feature, additional information features and data verification via email or SMS[2].

HTML (Hypertext Markup Language): HTML is used to create the basic structure of website pages, such as header, body, footer, and other elements [3]. In research conducted by Aldhiqo and Ummi entitled "Guest Book Information System Using Web-Based QR Code at PT Petrokimia Gresik" [4]. In this context, a website-based guestbook can help the Al Hidayah study organize and monitor the visits of study participants. The collected data can be used for administrative and security purposes and to improve services for participants. Security and improvement for study participants

2. METHOD

Research methodology is not just a collection of research methods or techniques, but rather a whole foundation of values (especially those concerning scientific philosophy) assumptions, ethics and norms which become standard rules used to interpret and conclude research data in it, including the criteria for assessing the quality of research (Hidayat, nd) The methodology that will be applied in this research is:

System Requirements Analysis

System requirements analysis is needed to determine the types of requirements and processes that will run on the application to be created (j4). The author will carry out an analysis of functional and non-functional requirements.

Functional Requirements

The application only has one user role, namely student. Students are users who can access all menus in the application. Students can do:

a. Learn how to read hijaiyah, harokat and tanwin letters
b. Doing quizzes

3. RESULTS AND DISCUSSION

This use case displays an electronic guest book system in which there are 2 actors, namely guests and picket officers and there are cases, namely guest book login, guest reception confirmation and reports. As illustrated below:
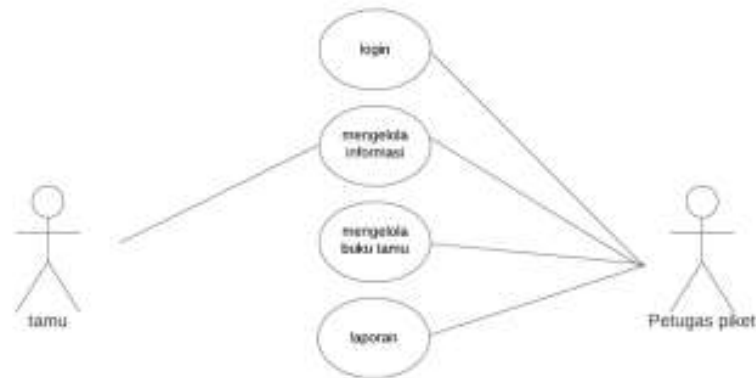
Figure 1 Guest book use case

Users can access the 'Guest Book Application'. Users are required to download the application first in order to access the application. To access the user application, a sufficient internet network is needed to support the application to run smoothly. Activity diagrams describe the facilities of each actor in the system, how activities start, decisions that may occur in the system, how activities start
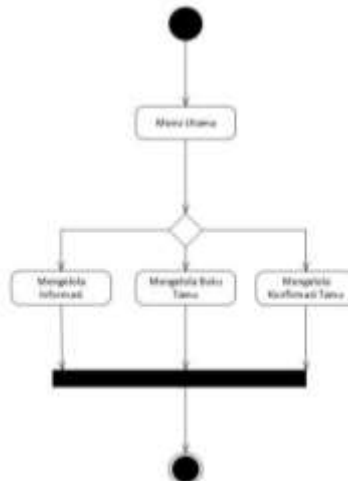

Figure 2 Activity menu diagram

Figure 3 Officer activity diagram

Users can access the 'Guest Book Application'. Users are required to download the application first in order to access the application. To access the user application, a sufficient internet network is needed to support the application to run smoothly.
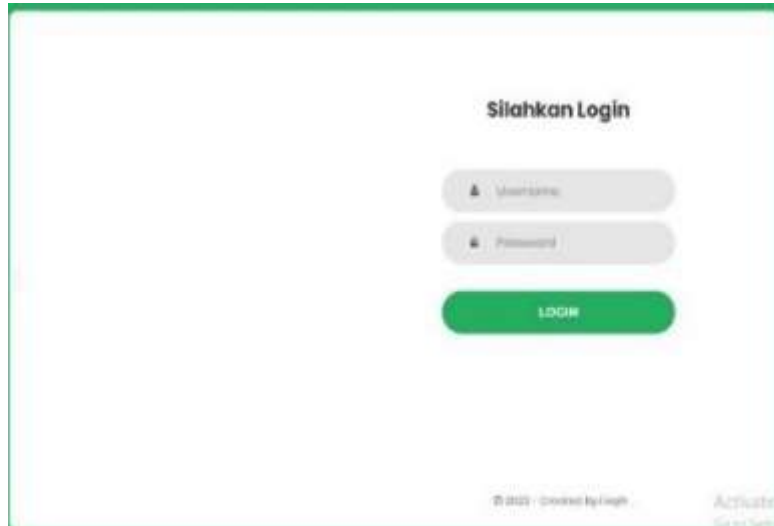

Figure 4. Main page display.

The main page display is used for admin and visitor login. The log in page can be accessed by registered application users who have an account with a username and password. After the user successfully logs in, he is directed to the main application page and can access guest data stored in the database.

Figure 5. Display of the input menu page

The filling menu page on the website-based guest book application is a page that provides a form for filling in data on guests who come to the recitation event

Figure 6 Display of the hijaiyah learning menu page.

The help page of a website-based guestbook application usually contains information and guides to assist users in using the application. This page can be accessed by users who experience difficulties or need assistance in using application features. on the help page, application users, such as how to form guests, how to search for guest data, how to search for guest data and so on.

Figure 7 View of the printed guest book page

In designing the filling menu page, you also need to pay attention to the appearance and arrangement of page elements to make it easier for users to fill out the form. This page can be designed with a clean and easy to understand appearance, and taking into account the security and privacy factors of the guest data being filled in.

4. CONCLUSION

Based on the results of creating a website-based guest application for Al Hidayah purworasi recitation, it can be concluded that this application can provide convenience for users in filling out guest books,   access previously registered guest data, as well as making it easier for users to access archived data. With this website-based guest book application, it is hoped that it can speed up the guest service process and minimize errors in filling in guest data. Apart from that, this application can provide benefits for schools in processing guest data digitally, which is of course more effective and efficient compared to processing data manually. In developing this application, the latest and relevant technologies such as HTML, CSS, JavaScript and web frameworks are used to ensure the resulting application has a responsive appearance and functional features. Therefore, it is hoped that this website-based guestbook application can become a reference for developing similar applications in other places.

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[3]   HTML (Hypertext Markup Language): HTML digunakan untuk membuat struktur dasar

halaman website, seperti header, body, footer, dan elemen-elemen lainnya

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