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REPORT INFORMATION SYSTEM DESIGN
BANGAH VILLAGE FINANCE USING WORDPRESS CMS

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Abstract: Financial reports are a very crucial aspect because they require clear and transparent reporting. However, the community in Bangah Village, especially RT 06 RW 07, Bangah Village, Gedangan District, Sidoarjo Regency, does not yet have a financial reporting information system that meets their needs. Therefore, this research aims to build a financial reporting information system that can report finances systematically and transparently. It is hoped that with this financial reporting information system, the community in Bangah Village can obtain financial reports that are more accurate and easily accessible, as well as increasing transparency and efficiency in managing village finances.

Keywords: Wordpress, Financial Reports, Outgoing Funds, Incoming Funds
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1. Introduction

The development of information technology has brought about quite significant changes in various aspects of life. Not only in everyday life, technology has also entered aspects of community life, one of which is village financial management and reporting. Even though the village is the smallest government structure, village administrators still have the responsibility to manage and report village finances (Julianto, 2019).

Common obstacles usually experienced by a village are that it does not have procedures and support for facilities and infrastructure in financial management and that the community is not yet critical of the management of the village income and expenditure budget (Arifin, 2018).

The importance of financial management is still often ignored, reminding that in practice there are still many who have not implemented structured procedures and supported facilities and infrastructure in managing village finances (Apriyansyah, 2019).

From the challenges faced, the idea emerged to design an information system that would become an important basis for managing village finances. With this solution, all financial activities, both incoming and incoming finance, can be recorded accurately, completely and transparently. More than that, it is hoped that this system will be able to provide information instantly and easily accessed, making it easy for users from various places and whenever needed.

2. Literature Review

Village Financial Report Information System
The village financial reporting information system is a platform specifically designed to manage, record and report financial information related to village economic activities. According to Abdullah (2019), this Village Financial Report information system has the following functions:

1. Provide timely information systems.
2. accountable and relevant information system.
3. Providing a trustworthy information system.

Presentation of Village Financial Reports

Village financial reports or village financial management are regulated in the Regulation of the Minister of Home Affairs of the Republic of Indonesia No. 113 of 2014 concerning Village Financial Management. Village Financial Reports that must be held accountable by the village are the Accountability Report and Village Wealth Report. The responsibility report consists of income, expenditure and financing. The presentation of this report is a normative measure that needs to be realized in accounting information so that it can fulfill its objectives. These normative measures are found in the government accounting conceptual framework of the qualitative characteristics of financial reports in PP 71 of 2010 which include relevant, reliable, comparable and understandable (Laila, 2018).

Transparency

Transparency in public financial management is a principle of good governance that must be met by public sector organizations. Transparency will ultimately create horizontal accountability between government officials and the community so as to create a government that is clean, effective, efficient, accountable and responsive to the aspirations of the community.

WordPress

WordPress is a blog tool that can be installed independent, but can also be installed on hosting automatically. In general, WordPress is used as a medium for sharing news and tutorials, but more than that, WordPress can be used as an Information System (SI). WordPress provides additional tools or what are often called plugins. With this tool, various needs can be met very easily.

3. Method

The research method in this study uses qualitative research methods . The qualitative method research stages are as follows:

System Identifier

System identification is a stage to find out what needs are needed by the environment. This stage is divided into 3 (three) activities which are described as follows:

a. Identification of problems

At this stage, the Community Service Team explained the problems faced by the Bangah Village Government, related to financial reporting.

Figure 1. Identification of the Joint System with the Head of the RT

b. Identify Needs

At this stage is to formulate the problems faced by the Bangah Village Government, after the problem is formulated the next step is to find solutions to the problems faced.

Figure 2. Service Team Discussion

c. Hold Application Adjustments

System adjustment process was presented to the Bangah Village community, which was carried out at the RT Head's house together with Bangah Village government officials.

This application uses web hosting from the NSC Surabaya Polytechnic. At this stage, adjustments are also made if there are problems or errors in the system.

Figure 3. System Presentation to the Bangah Village Community

d. Application Design

System analysis uses adjustments in the flow charts that have been formulated in the previous stage (Ana, et al ., 2017).

e. Application Creation

The application creation was carried out by the NSC Surabaya Polytechnic ICT Team, the application creation process started from installation to implementation in accordance with the system design created from the previous system.
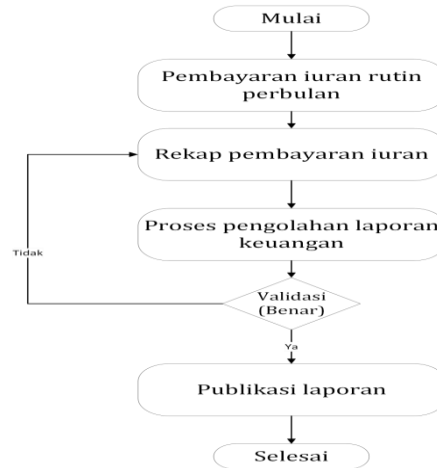
f. Application Implementation

The application implementation stage is implemented using the NSC Surabaya Polytechnic web hosting, at this implementation stage citizen data and all required documents are uploaded to the application. During the implementation stage, operators will also be trained to input financial data and the latest news.

4. Result and Discussion

System Flow Diagram

Bangah Village Community Service Team has succeeded in formulating the problems faced by the Bangah Village community. The problem faced is the absence of infrastructure that can accommodate the RT financial reporting process that can be accounted for.

Bangah Village Community Service team built a RT Information System that can solve this problem. The information system built uses WordPress CMS for content management, where the content that will be displayed is the monthly financial report with the flow diagram described in Figure 4.

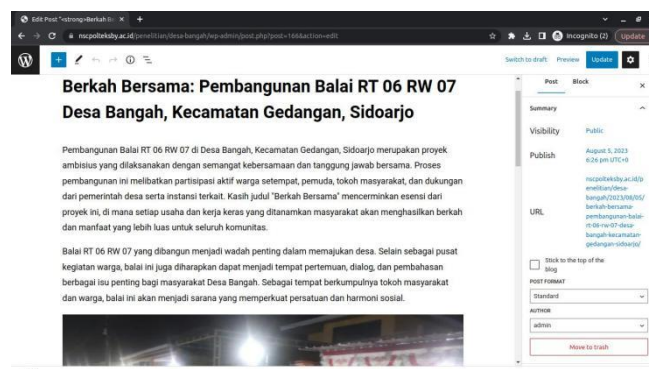**Figure 4. System Flow Diagram**

The process from the start is payments made by residents and confirmation to the RT treasurer for recapitulation. After all residents feel they have paid everything and are recapitulated, the next stage is the process of processing financial reports so they can be displayed as content. After the financial report has been completed, validation will be carried out again so that the completed data can be accounted for. If the financial report contains incorrect data, a recapitulation will be carried out again, but if the data is correct, the financial report will be published in the RT financial system.

RT Financial System Interface
interface is divided into 2 (two) roles, namely administrator and visitor, in the administrator role the role is to manage content that will be displayed on the RT financial system. Then the visitor role is the role of visitors who view the content displayed by the RT financial system.
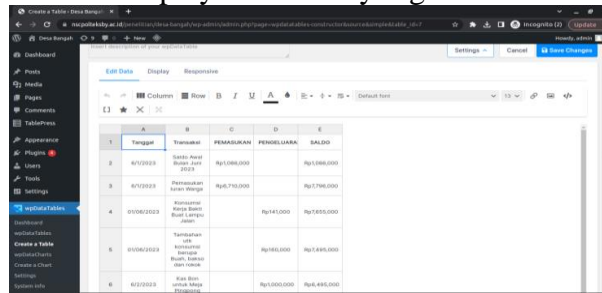
Administrator Interface
Administrator interface has various menus that are used to regulate the content that will be displayed.
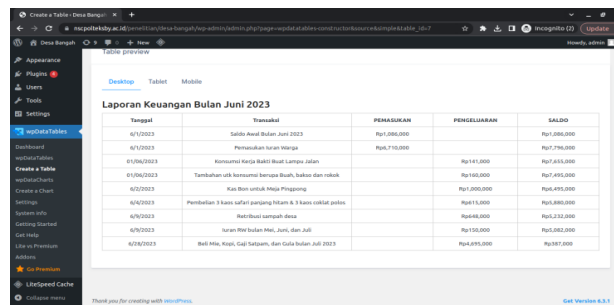

Post Page Interface

In order to facilitate financial reporting, reporting is made in tabular form. The wpDataTables plugin is used to make the table display more neatly organized.
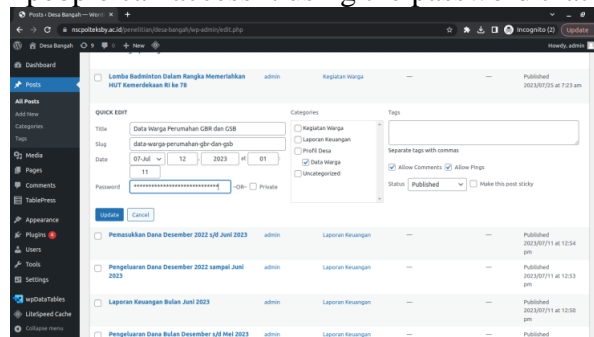

wpDataTables Interface

Preview Interface

Apart from the interface used to display reports, to ensure the content is neatly arranged, the categories menu is used so that content can be grouped according to categories.

The Password menu is used so that data containing information such as citizen data remains safe, so that only certain people can access it using the password that has been set.

Set Password Content Interface

Visitor Interface

The interface in the Visitor role only displays content presented by the Administrator. The content displayed cannot be edited by Visitors. The Visitor role is divided into 4 menus for categorization content that visitors want to see.

Menu is the first menu that appears when accessing the RT financial application. The home page displays all content that has been entered by the Administrator, whether financial reports or the latest news on local community activities.

Figure 8. Visitor Home Interface

Village profile menu is a menu that contains information related to the management structure and contains the vision and mission of the RT government.
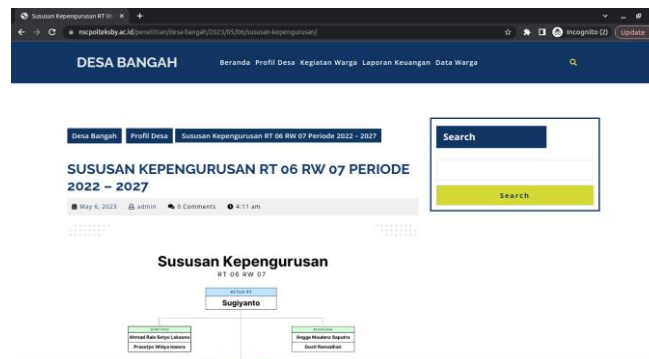

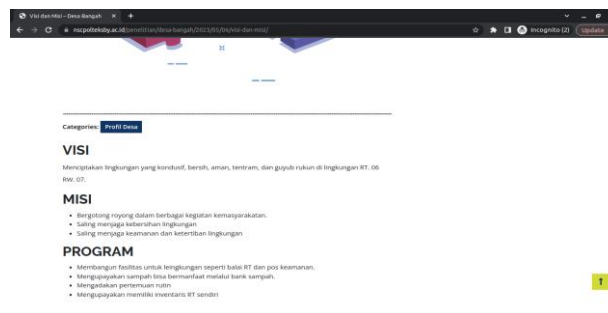**Figure 9. RT Management Structure Interface**

Figure 10. Vision and Mission Interface

Menu is a menu to display all the activities that residents carry out, as well as being a document if you want to make an accountability report.
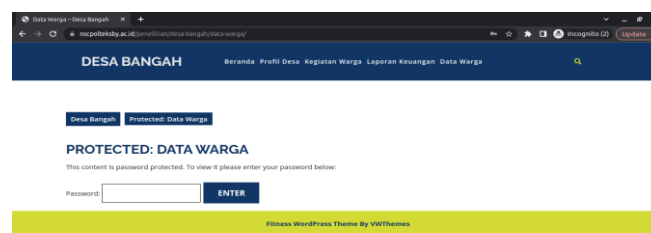

Figure 11. Citizen Activity Interface

The financial report menu is a menu to display financial reports for both money coming in and money going out every month.

Figure 12. Financial Report Interface

On the last menu is resident data. This menu displays resident data in the form of the name and house number of each family that has been protected password so that it is not misused.

Figure 13. Protected Citizen Data Interface

5. Conclusions

In this research, a website-based Financial Reporting Information System for Bangah Village was successfully built using WordPress CMS. This system is a solution to the problem of lack of systematization and transparency in financial reporting in Bangah Village.

With an easy-to-use interface for administrators to manage content, including financial reports, as well as a simple interface for visitors to access information, this system provides easier access and transparency in village financial reporting.

It is hoped that this system will increase accountability and efficiency in managing village finances and provide more accurate and easily accessible financial reports for the people of Bangah Village.

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