

# Simalungun Mardinding Protestant Christian Church Database Design, Silimakuta District, Simalungun Regency

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## ARTICLE INFORMATION

Received: February 00, 00  
Revised: March 00, 00  
Available online: April 00, 00

## KEYWORDS

Perancangan Database, Gereja Kristen Protestan Simalungun

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## ABSTRACT

The Simalungun Protestant Christian Church (GKPS) is a Christian Church of the Simalungun region initiated by the zendelling (evangelist) of the Rheinische Missionsgesellschaft (RMG), a German gospel preaching body as part of its efforts to spread the gospel to the Simalungun Tribe. Since the 1900s RMG established churches in Simalungun as part of huria Kristen Batak Protestant (HKBP) using Toba as the language of instruction. This independence continued until the HKBP congregation in Simalungun bathed itself into one district until finally totally independent to become GKPS and provide services for the surrounding environment in various fields (not just religious services). Of the many Protestant Christian Churches in Indonesia, one of them is the Simalungun Protestant Christian Church (GKPS) Resort Mardinding. This church is a place of worship and gathering of Protestant Christians. This church has many people, but not all tribes are in it. There are currently 423 KK. The provision of information to the people is currently still manual and still uses the announcement affixed to the notice board and also through the announcement from the church administrator who was in charge at the time of the service, this announcement could not contain all the necessary information. Researchers took a case study from GKPS Mardinding so that information systems can be developed using technology that is developing today, namely using websites to store information faster and more accurately.

**Keywords:** Church Database, Website-Based Information System.

Authors must supply a structured abstract in their submission, which includes; Purpose, Design/methods/approach, Findings/results, Conclusions. Maximum 250 words in total excluding keywords.

## INTRODUCTION

Church (English: Church; Portuguese: Igreja) is an Indonesian word which means an association or institution of adherents of the Christian faith. The church in Indonesia has been around since the 2nd century AD, the first time in Fansur/Barus, North Sumatra. In general, Christian churches in Indonesia can be divided into three main streams, namely: the Roman Catholic Church with an episcopal system under the leadership of the Pope, Protestant churches which are the result of the Protestant Reformation and stand independently, and the Orthodox Church with its episcopal system.

Simalungun Protestant Christian Church (abbreviated as GKPS) is a Christian church from the Simalungun area which was pioneered by zendelling (evangelists) from Rheinische Missionsgesellschaft (RMG), an evangelistic agency from Germany as part of its efforts to spread the gospel to the Simalungun Tribe. Since the 1900s RMG has established churches in Simalungun as part of the Protestant Batak Christian Huria (HKBP) using the Toba language as the language of instruction. Simalungun language is used as an introduction. This independence continued until the HKBP congregation in Simalungun established itself as a district until it became totally independent as a GKPS and provided services to the surrounding environment in various fields (not just religious services). Therefore, the researchers took a case study from the Marwall GKPS so that information systems can be developed using currently developing technology, namely using a website so that information storage is faster and more accurate.

## METHOD

In the implementation of this research, the information collected and studied is mostly in the form of information collected and utilized in this research which can be grouped into several groups of data sources, namely:

1. Literature study;
2. Field study;
3. Observation and interviews;
4. Guidance;
5. System design;
6. System development;
7. Analysis;
8. Documentation.

## RESULTS AND DISCUSSION

### 3.1. design

From the use case picture above, it can be explained that there are 2 (two) actors and several processes in the Database Design of Simalungun Protestant Church (Gkps) Marwall, Kec. Silimakuta, Kab. Simalungun, where:

#### a) Admin

Admin and Pastor as system managers, the first thing to do is enter the system by logging in. After that, the admin and pastor can process service schedule data, manage weekly theme data, process church news, process diakonia, and report activities.

#### a) Congregation

As website visitors who can view Church Profiles, view News, Service Schedules, Diakonia, here the Congregation can also change personal data or certain other data, as well as leave comments or suggestions.

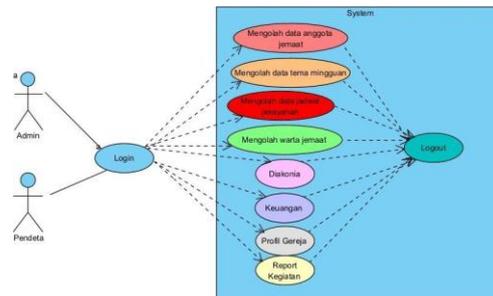


Figure 1 Use case diagram Login Admin dan Pendeta

Figure 2 below is the login menu interface. The login page is a page to enter the system so that you can access the system by entering the previously registered username and password.

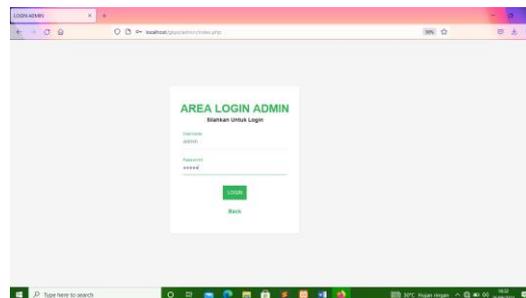


Figure 2 View Login

Figure 3 below is this page is a page to add to the list of congregations at GKPS Mardingding.

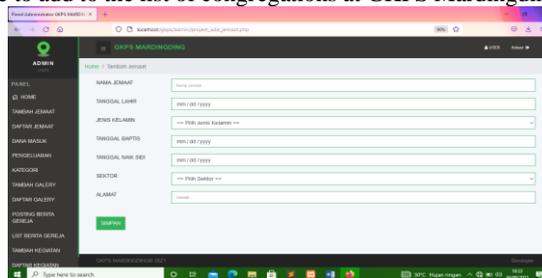


Figure 3 list of congregations at GKPS Mardingding

Figure 4 below is the admin interface for setting incoming funds at GKPS Mardinding, admins can also edit, and delete.

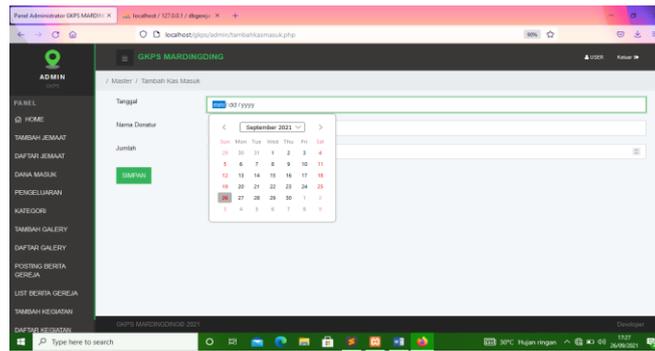


Figure 4 Incoming funds at GKPS Mardinding

Figure 5 below is an expense page showing the system for adding expenditure data at GKPS Mardinding in detail.

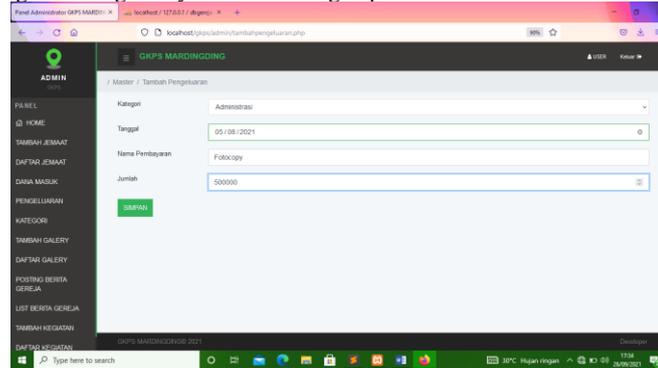


Figure 5 Adding expenditure data at GKPS Mardinding

Figure 6 below is a menu interface display for adding and removing images or photos that will be displayed on the homepage

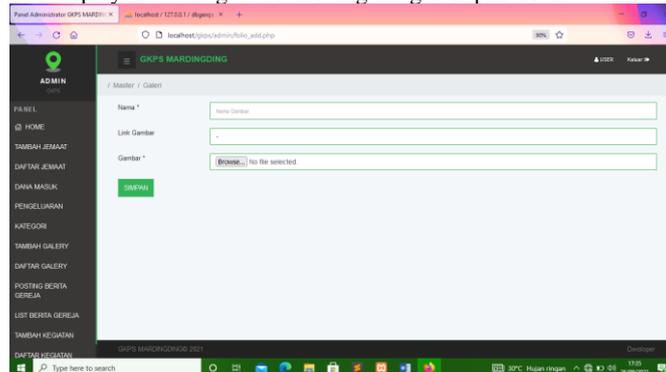


Figure 6 Displayed on the homepage

Figure 7 below is an interface display for adding and removing weekly news events on this page.

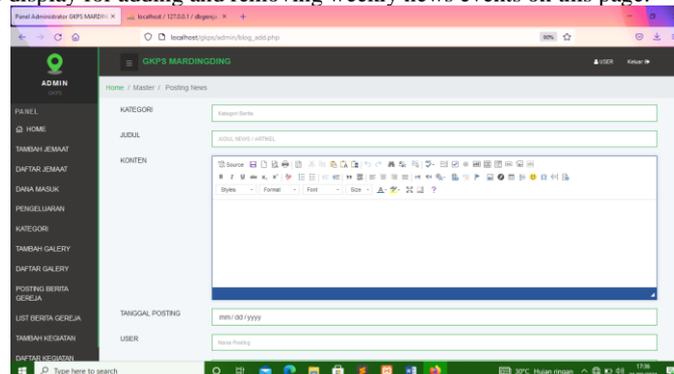


Figure 7 Interface display

Figure 8 below is a detailed interface that adds all the upcoming activities that will be carried out at GKPS Mardinding, and will be displayed on the homepage.

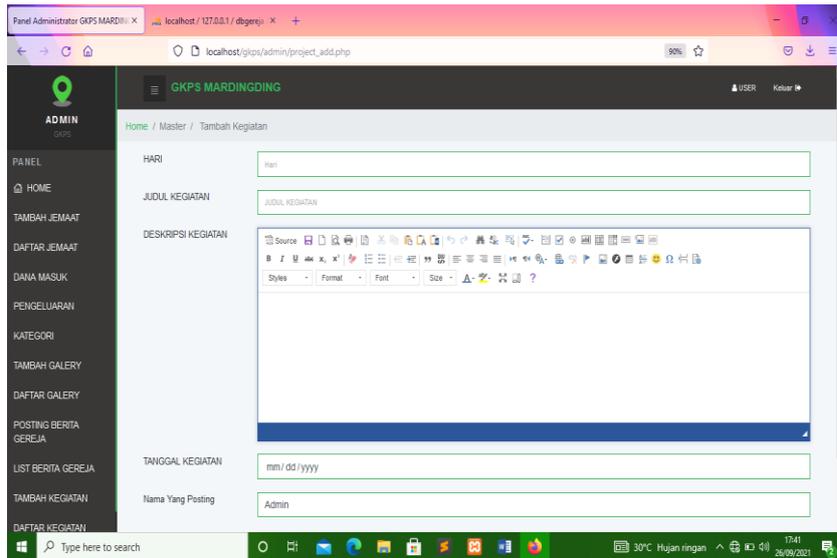


Figure 8 Detailed interface

Figure 9 below is the page interface for adding users and changing passwords

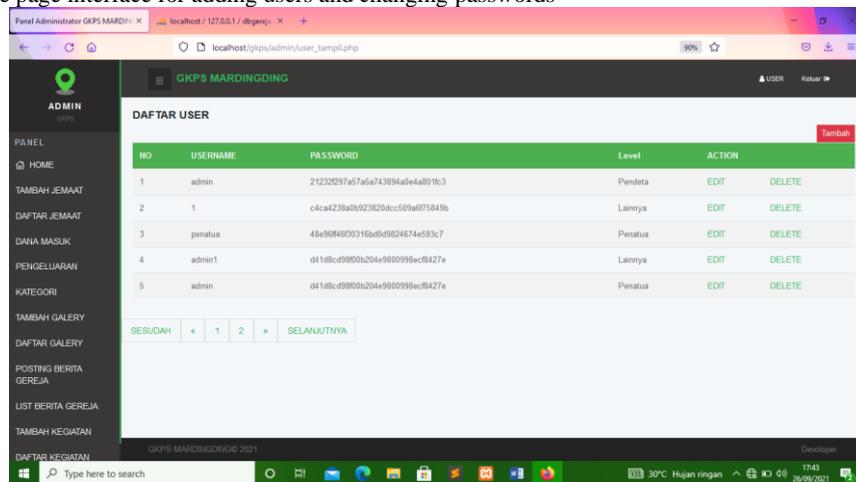


Figure 9 Interface for adding users

Figure 10 below is a page interface displaying a church profile, in which there is an overview of GKPS Mardinding, such as history, structure, and the total number of congregations.

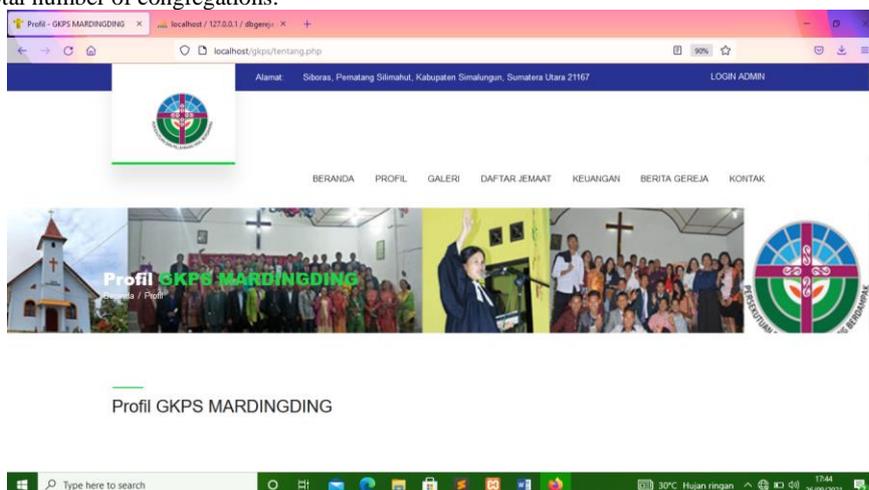


Figure 10 Interface displaying a church profile

Figure 11 below is a page interface display that displays a collection of images or photos about GKPS Mardingding.

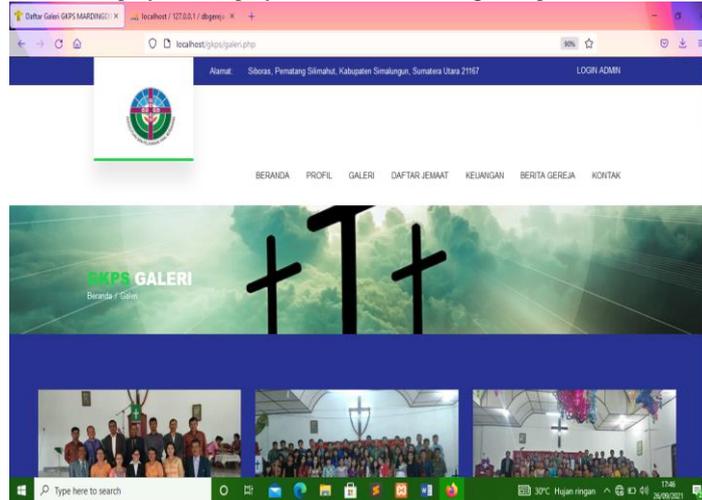


Figure 11 Displays a collection of images

Figure 12 below is a form display to display the entire list of congregations on the homepage.

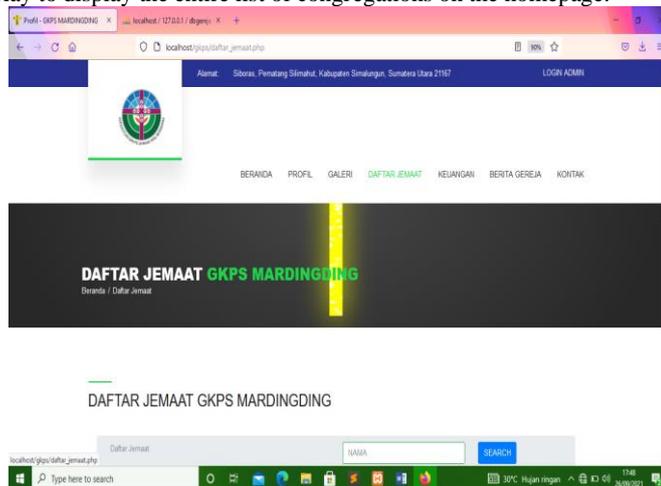


Figure 12 Display the entire list of congregations

Figure 13 below is an accurate display of the income and expenditure list page in GKPS mardingding.

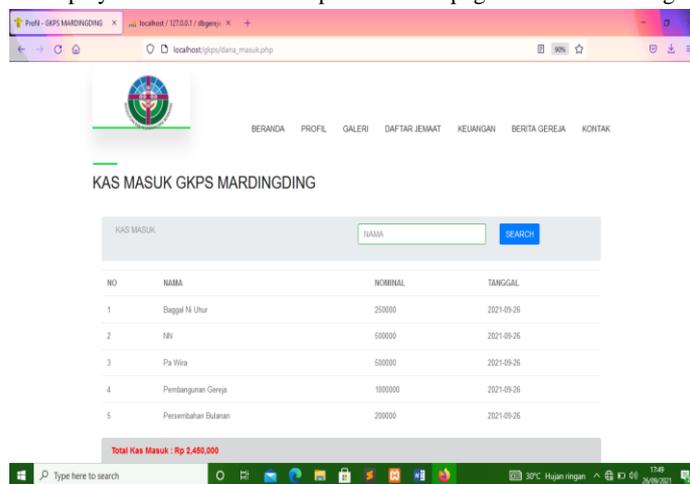


Figure 13 Display of the income and expenditure

Figure 14 below is a page display showing all news or announcements in GKPS Mardingding on the homepage, so that the congregation can more effectively view the news and news.

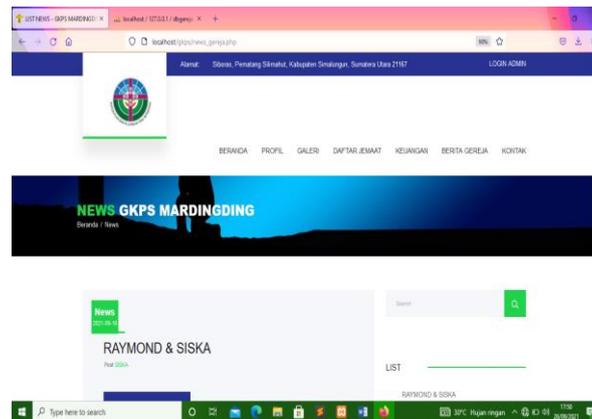


Figure 14 Display showing all news

Figure 15 below is a page display showing the contact person on the homepage, so that it is easier for the congregation to ask about GKPS Mardinding.

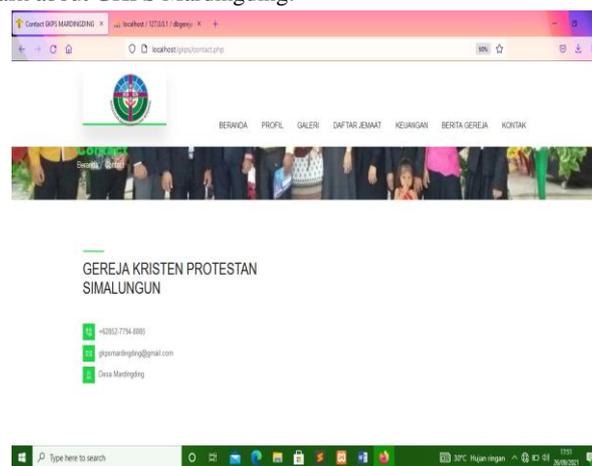


Figure 15 Display showing

## CONCLUSIONS

The conclusion of this Church Database Design is as follows:

1. The Mardinding GKPS Data Processing Information System has never been computerized. This makes it difficult to process church data, administrators and finances.
2. With this Church Data Processing Information System, the recording of member, management and financial data is no longer in the main book, but has been stored properly in the church database so that the storage process is more organized.
3. This system can also assist administrators in searching for data from old members to new church members.

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