DRUG SALES INFORMATION SYSTEM AT FLORA FARMA PHARMACY WEB-BASED

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Abstract
Apotek Flora Farma is a pharmacy that is engaged in drug sales. Currently, the system that is currently running at the Flora Farma pharmacy is still using a manual system so that it often experiences difficulties in making reports and calculations. The researcher aims to analyze the current system. After knowing the drawbacks and problems that exist in the Flora Farma pharmacy, the author designs a more effective system that can be implemented using a MYSQL database and using PHP language to build a web-based sales information system. The final result of this research, the researcher aims to create a sales information system to handle sales data input and then process it to produce output in the form of cashier reports, purchase reports, and sales reports.

Keywords: Sales Information System, MYSQL, PHP

1. Introduction
The development of information and communication technology has become an important part in all fields in order to achieve technological progress, including one in the field of Pharmacy. Pharmacy as an organization that aims to serve the health of the general public, is also sales-oriented. Information about drugs is very important to know in the world of drug trade such as pharmacies, especially the price and type of the drug. Currently, there are still a lot of writing/recording of data (drugs) in pharmacies which is done conventionally. The process of selling drugs only uses a calculator to calculate and process sales transactions, and in making reports for evaluating the performance of pharmacies also experiences problems because the data that is managed is still in paper form so that the required reports cannot be directly provided. Due to a system like this, the performance of the pharmacy becomes less effective and efficient, thus allowing for errors in recording transactions, or loss of documentation and the fulfillment of accurate and timely information as needed.

Apotek Flora Farma is a pharmacy that sells several types of drugs and is located in Pematangsiantar city. In running the business of buying and selling medicines, the Flora Farma pharmacy still runs the system manually. In buying and selling drugs, the Flora Farma Pharmacy uses notes that are written manually by hand, as well as in managing drug stocks. Many obstacles have been encountered so far, especially in data collection on drug sales, transaction processing, provision of sales reports and drug stock reports.

In pharmacies, there are many types of work that require a system, for example, inputting supplier data, purchasing data, sales data, and drug data. The current manual method is to record incoming drugs, record drugs that have been sold, take a lot of time, and often experience errors. This method takes a lot of energy and time and errors often occur.

2. Method
A. Data Collection Method
In conducting research to collect data, the authors use various methods, including:

1. Literature Studies (Literature Studies)
The author collects data by reading books, websites and several other scientific works found on the internet. The implementation starts from the data collection stage, system design (design), program creation, to report preparation.

2. Interview
Namely the data collected by the author by conducting questions and answers directly to the owner of the Apotek Flora Farma Pematang Siantar relating to the problem to be solved so that the author can obtain accurate data.
B. Display Design

1. Design From Login
   The design of the useful form is access to go to the next page. This page also serves to limit access rights in the program that is designed. This login form menu will be active after successful database connection. The design of the login form can be seen in the image below:

   ![Login form design](image)

   Figure 1. Login form design

2. Main Menu Form Design
   The main menu design is a design that will show what menus are in the program. The design form can be seen in the image below:

   ![Main Menu Design](image)

   Figure 2. Main Menu Design

3. Sales Data Design
   Sales Data Design is a design made to find out a sale that has been made by employees. The design form can be seen in the image below:

   ![Sales Plan](image)

   Figure 3. Sales Plan

4. Drug Data Design
   The design of drug data is a design to find out the drugs that exist in the flora farm pharmacy. The design form can be seen in the image below:
5. Customer Data Design
   The design of customer data is a design that is used to view customer data. The design of the form can be seen in the image below:

   ![Customer Data Design](image)

6. Supplier Design
   The supplier design is a design used to view customer data. The design form can be seen in the image below:

   ![Supplier Design](image)

7. Supply Plan
   The supply plan is a design used to view incoming drug data. The design form can be seen in the image below:

   ![Supply Plan](image)

8. Employee Design
   Employee design is a design that is used to view employee data. The design form can be seen in the image below:

   ![Employee Design](image)
3. Results and Discussion

The system that has been designed will then be forwarded to the system implementation stage. Contains results or views from menus, sub menus, input pages (inputsystem) and reports (system output). The following is a display of the results and discussion, including:

A. Login Form Display

The form can be seen in the image below:

![Image of Login Form](image)

Login Form is the form used to enter the next page. The login page will enter your username and password so that the admin can enter the next menu.

B. Main Menu Form

The main menu display can be seen in the image below:

![Main Menu Display](image)

This display is a page for processing income/sales made at the Flora Farma Pharmacy by selecting the available menus as desired. The menus contained in the main menu display are: sales data menu, drug data, customer data, supplier data, entry data, and employee data. In the main menu display, you can also see the transactions on that day, drugs sold, and daily income.

C. Sales data form

The sales data display can be seen in the image below:
In the sales data display, there are several columns, namely: column number, transaction code, buyer id, employee id, time, drug code, amount, price, total price and options with detail and edit buttons. In the sales menu display, employees can increase sales by selecting the Add Sales menu. In addition, employees can also print sales reports directly by selecting print reports. For the display of added sales and the printed sales report can be seen in the image below.

D. Sales report print display

![Figure 12. Report print view](image)

In this drug data form there are columns for number, drug name, type of drug, drug code, price, quantity, remainder, supplier and options with detailed, edit, and delete buttons. In the drug data form, the admin can add the drug that he wants to add by selecting add drug. Besides that, the admin can also view details, edit and delete the drug. If the admin wants to see the details of the added drug, the admin can view it by selecting details. If the admin wants to edit the drug that has been added, the admin can edit it by selecting edit. And if the admin wants to delete the drug that has been added, the admin can delete it by selecting delete.

F. Customer data form
To view customer data can be seen in the image below

Figure 14. Customer Data Form

In the customer data form there are columns for number, customer id, name, address, gender and options with edit and delete detail buttons. In addition, admins can also add customers by selecting add customers.

G. Supplier form
The supplier form can be seen in the image below

Figure 15. Supplier Form

On the supplier form, there are columns for number, entry id, address, type of medicine, telephone and options with detailed, edit and delete buttons. In addition, admins can also add entry by selecting add entry.

H. Employee Form
The employee form can be seen in the image below

Figure 16. Employee form
In the employee form, there are columns for number, employee id, name, gender, shift, address, and options. In addition, admins can also add employees by selecting the + sign at the top.

4. Conclusion

From the discussion of this study, the authors try to conclude the existing subject matter, while the conclusions are as follows: With this website, it can help employees in terms of making sales reports. Employees don't need to write in ledgers anymore. This website can also help admins to see daily income and transactions. Admin can also see the comparison of transactions from the previous day with today. Help input drug data, sales data, employee data, supplier data, data entry. Facilitate drug search Leaders can find out the amount of drug inventory

Reference