# Accounting Information System for Sales of Oil Palm Seeds at Pt. Socfindo

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| ARTICLEINFO | ABSTRACT |
|---|---|
| | The development of sophisticated science and technology is now felt by users of a computer-based information technology. With today's technological sophistication, every company and public service agency is required so that all work can be completed in a computerized system. PT. Socfindo Medan is a company engaged in agriculture. Problem formulation at PT. Socfindo is not yet created a computerized system in conducting sales transactions so that work is still less effective and efficient. To overcome the problems that exist in PT. Socfindo the author wishes to create a new information system. To create an information system the author uses the VB.Net programming language with SQL Server Database. The purpose of making this system is to facilitate the transaction and sales data processing. The reports generated are also more accurate. |

## 1. Introduction

Plantation opening and development activities of PT. Socfin Indonesia was first started in 1906 at Sei Liput Gardens, East Aceh, Province of Nanggroe Aceh Darussalam (now). On December 7, 1930, based on notarial deed No. 45 of William Leo, the name and legality of PT. Socfin Medan SA (Societe Financiere des Caoutchoucs Medan Societe Anonyme) officially used[1],[2]. Based on the notarial deed, PT. Socfin Medan SA is domiciled in Medan and manages plantations in East Sumatra, West Aceh, South Aceh and East Aceh[1],[3],[4].

Subsequent developments, then given the name PT. Socfin Indonesia (SOCFINDO), was established through Deed of Notary Chairil Bahri in Jakarta on 21 June 1968 No.23 and Amendment Deed No.64 dated 12 May 1968[5],[4]. Ratified by the Minister of Justice on September 3, 1969 and announced in the Supplement to the State Gazette of the Republic of Indonesia No.68/69 dated October 31, 1969[6],[7].

PT. Socfindo is one of the state-owned companies in the city of Medan, which is located at Jln. KLYos Sudarso. As for processing sales data, they still use Microsoft Excel in inputting data, of course in this case it will make it difficult for the company to present sales reports to leaders.[8],[9], because if necessary, the sales division must look for data one by one about sales, this can take a long time and is less efficient[10],[11]. Besides that, the possibility of fraud and irregularities in terms of sales reports is also quite large because the system used is inadequate in managing sales data processing that exists at PT. Socfindo.[12],[13]

One of the several types of information produced by accounting is financial journal reports, cash receipts and disbursement reports. For example, for planning the results of income reflected in the company's budget.

## 2. Method

### 2.1 Analysis of Existing Systems

In completing this thesis the author uses 2 (two) study methods, namely:

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a. Field Study

Is a method that is carried out by conducting direct studies in the field to collect data, namely direct observation to the study location. The data collection techniques carried out by the author are: Observation, Observing ongoing activities and knowing how the mechanism is at PT. Socfindo which includes reports on sales of oil palm seeds. Interview (Interview), Collecting data or information on this method can be done by interviewing or asking questions directly to Ms. Norma Head of Sales at PT. Socfindo to obtain information on sales of oil palm seeds.

b. Library Studies (Library Research)

The author conducts a literature study to obtain data related to thesis writing from various reading sources such as: books on information systems and VB.Net applications, SQL Server, Accounting, Information Systems Books..

## 2.2 System Testing / Testing

Done to find out whether the programming work has been done correctly so that it can produce the desired functions. Testing is also intended to find out the limitations and weaknesses of application programs that are made to make improvements as much as possible.

In this case the author does some good testing on software, hardware and the new system. Software testing aims to make the application compatible with the hardware to be used. The hardware used must have specifications that match the software version used so that it doesn't take a long time to run the application.

The new system was tested by running an application that was built and adapted to the research objectives based on the limitations of the problems previously described.

## 2.3 Research sites

The location of the research was carried out at the office of PT. Socfindo which is located at Jln. KL Yos Sudarso No. 160 Medan 20115 INDONESIA.

## 3. Results and Discussion

## 3.1 Program Results Display

The following is a display of the results of the design of the designed Oil Palm Seed Sales Accounting information system, along with the statement:

a. Login Form

The Login Form is the first display that will appear on the Sales Accounting information system for Palm Oil seedlings to enter the system.



**Figure 1.**Login Form display

b. Main course

The main menu is the beginning of the information or design process that will be displayed

**Figure 2.**Main Menu Display

c. Oil Palm Seed data input form

This form functions to manage seed data that will be stored in the product table.



**Figure 3.**Seedling data input form display

d. Customer Data Input Form



**Fig.4.** Display of Installment Data Input Form

e. Order Data Input Form

This form functions to manage ordering data that is made every time there is a sale:

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**Figure 5.**Display Order Data Input Form

f.    Sales Data Input Form
This form functions to manage sales data that is carried out every time there is a sale:



**Figure 6.**. Display of Sales Data Input Form

g.    Seed Report
This page is the Seed Report display which is used to display seed data.



**Figure 7** View of the Seed Report

h.    Order Report
This page is an Order Report view that is used to display data on orders that have occurred.

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**Figure8** Display Order Report

i. Sales report
   This page is a sales report display that is used to display sales data that has occurred.


**Figure 9** Sales Report Display

### 3.2 Discussion

The results obtained from the discussion of the existing problems is the creation of a Sales information system program. Where this application is well created due to system analysis, program design based on data obtained, proper data collection so that what is needed by the system can be fulfilled. In addition, the selection of the right application software, which has the ability to solve existing problems. Application software used in solving existing problems, namely 1. Windows 7 Ultimate 64-Bit, Microsoft Visual Studio 2010, SQL Server 2008 R2

The hardware needed to make this application is: Samsung AMD A6-4400M APU, Radeon(tm) HD Graphics, 320 GB hard disk, printer with inkjet. Mouse and Keyboard.

### 3.3 Results Analysis

The design of the Oil Palm Seed Sales Accounting Information System was created to make it easier for the admin to manage data from transactions that occur and provide reports needed by leaders effectively and efficiently. In this system an admin doesn't need a lot of time to view, make sales transactions. Because the process of the system that is made is automatic and sales data can be seen in the system. Leaders also do not take long to know the sales report. This system also displays all reports that are generated which are more accurate, so that there is no suspicion of the leadership towards the admin. In other words, the system produced by the author can produce reports that are more open to the leadership. With the reports generated by this system, PT. Socfindo can find out the amount of sales and the leadership can find out the amount of income from these sales:

### 4. Conclusion

After completing the Design of Oil Palm Seed Sales Accounting Information System at PT. Socfindo, the authors draw the following conclusions: This system makes it easier for an admin to input data and transactions that occur. With this system the transaction process can be done quickly and easily. This system generates seed reports, customer reports, order reports and sales reports. Sales calculations can be done more effectively and efficiently. With the new system, the performance of an admin is more efficient.

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