



Accounting Information System for Calculating Remaining Profits from Cooperative Operations Using the Direct Method at Primkoppol Belawan Port Resort

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ABSTRACT

Primkoppol Belawan Port Resort is the Agency and Implementer of Cooperatives at the Polres Level, also assists in the implementation of the Cooperative work program and policies underlined by the North Sumatra Police and Puskoppolda Leaders in an effort to assist Leaders in realizing the welfare of members of the Police and Civil Servants of the Police and their families, which is carried out by raising funds from members and channeling/financing in the real business sector. there are also those who say that Primkoppol Belawan Harbor Resort is a microfinance institution that can and is able to serve the needs of members based on a profit sharing system. As happens in every company, both government-owned and private companies have relatively large numbers of transactions, so a database is needed that can store and process the data efficiently, quickly and can be used at any time when needed. Primkoppol Belawan Harbor Resort is a private financial institution engaged in savings and loan services. Primkoppol Belawan Resort Resort's activities are inseparable from members' savings and loan transactions, so a computerized system is needed so that transactions run well. This information system was built using Visual Basic 2010 and SQL Server 2008 as the database. Primkoppol Belawan Resort Resort's activities are inseparable from members' savings and loan transactions, so a computerized system is needed so that transactions run well. This information system was built using Visual Basic 2010 and SQL Server 2008 as the database. Primkoppol Belawan Resort Resort's activities are inseparable from members' savings and loan transactions, so a computerized system is needed so that transactions run well. This information system was built using Visual Basic 2010 and SQL Server 2008 as the database.

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1. INTRODUCTION

Computers provide the right solution in producing the latest information. Therefore (Kamaluddin & Patta Rapanna, 2017), it takes experts in the field of computers, in order to meet the needs of information. A computer is an electronic device that functions to process data using certain programs to produce information (Wijoyo, 2021), (Mukhsin, 2020). The process of processing data using a computer is called electronic data processing. Computers play an important role in the process of calculating and processing data that works with very high speed and accuracy.

As with transactions that occur in every company, both government-owned and private companies are relatively large in number, so a database is needed that can store and process the data efficiently.(Fridayanthie & Charter, 2016),(Adam, 2020), fast and can be used anytime when needed. The accuracy and speed of data processing of every transaction that occurs in cooperatives is one of the keys to being able to produce fast, precise and accurate information. Fast, precise and accurate information really helps companies in making the right decisions for the company(Rizaldi, Maria, Wahyono, Purwanto, & Hartomo, 2022),(Gusriadi, 2021).

The Primkoppol of Belawan Port Resort is none other than the Cooperative Agency and Executor at the Polres Level, also assisting in the implementation of the Cooperative work program and policies outlined by the North Sumatra Police and Puskoppolda Leaders in an effort to assist Leaders in realizing the welfare of Polri members and PNS Polri and their families in an orderly and continuous manner continuously.

In accordance with its function Primkoppol Belawan Port Resort also compiles all reports that record all transactions that occur in cooperatives during one period, so that users can find out the benefits obtained as members of the cooperative for one period and find out the Remaining Results of Operations (SHU) obtained(Amy, 2021). SHU (Remaining Business Results) is also called profit, but the term in cooperatives is SHU. To support ongoing transactions, a good computerized system is needed for the smooth performance of the Primkoppol of Belawan Port Resort. In processing Primkoppol transaction data, the Belawan Port Resort experienced a few problems because it still used a manual system. By using a manual system, the problem that arises is in terms of recording the amount of transaction data, after being analyzed, several weaknesses were found which caused the information or reports that were generated to be processed too long so that the results were less than optimal(Istikomah, 2019).

2. RESEARCH METHOD

2.1 Existing System Analysis

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

a. Field Study

Is a method that is carried out by conducting direct studies in the field to collect data, namely direct observation of the study location. The data collection techniques carried out by the author are:

a) Observation

Namely by making direct observations of the savings and loan system run by BMT Darul Ihsan to obtain the required data.

b) Sample

Take examples of the data needed, especially savings and loan transaction data, customer data and others.

b. Library Studies (Library Research)

Namely looking for references by reading books related to savings and loan systems, information systems and Java applications as well as searching the internet to add the needed references.

2.2 Research sites

In the process of writing this thesis, the writer conducted research on: Primkoppol Belawan Port Resort, Jl. Belawan Raya Harbor 1.

3. RESULTS AND DISCUSSIONS

3.1 Results Display

The display of the results of the program that the author designed is as follows:

a. Login Display Form

The display of login results from the program that the author designed can be seen in Figure 1. following:

Figure 1. Login Results Display

b. Main Menu Result Display

The display of the main menu results from the program that the author designed can be seen in Figure 2 below:

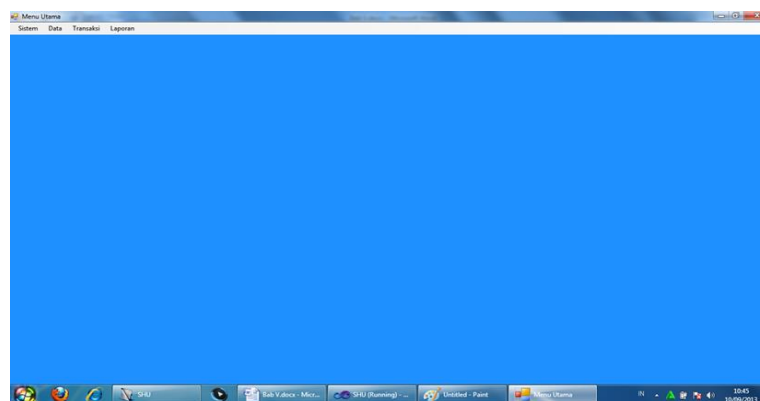


Figure 2. Main Menu Display

c. Member Result Display Form

The display of member results from the program that the author designed can be seen in Figure 3 below:

Nama	No. Ang.	Alamat	Telepon
aan	0587	medan	575
adi	123	mdn	090
ooo	123	cccc	4554
ddda	2232	efade	3456
ddda	2232	efade	3456
DEGA	77038	TITIPAN	081376
DITA	92026	MEDIAN	09765
BRUJAY	421736	7538 0-06	442276

Figure 4. Display of Member Results

d. Savings Results Display

The display of the results of the savings from the program that the author designed can be seen in Figure 4. following:

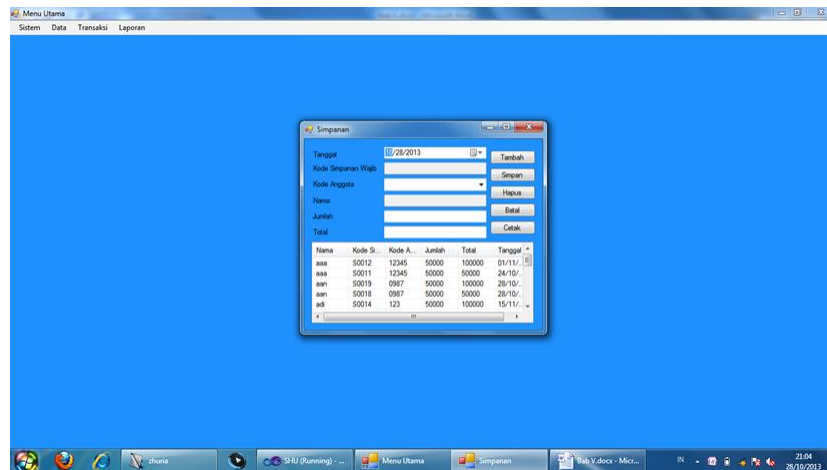


Figure 5. Display of Savings Results

e. Loan Result Display

The display of loan results from the program that the author designed can be seen in Figure 5 below:

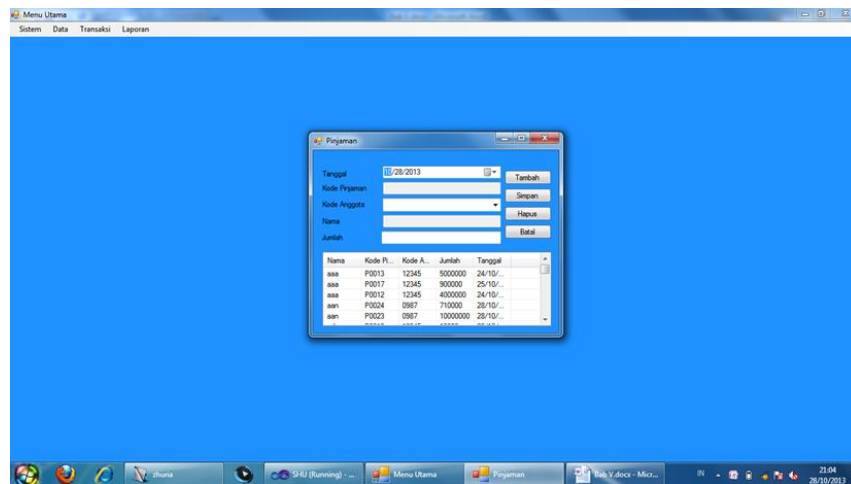


Figure 6. Display of loan results

f. Payment Result Display

The display of payment results from the program that the author designed can be seen in Figure 6 below

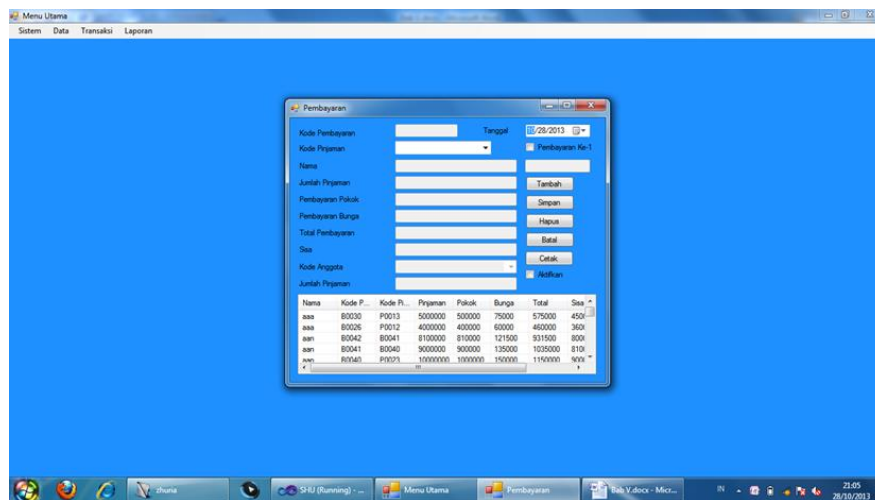


Figure 6. Display of Payment Results

g. Expenditure Result Display

The appearance of the output results from the program that the author designed can be seen in Figure 7. The following

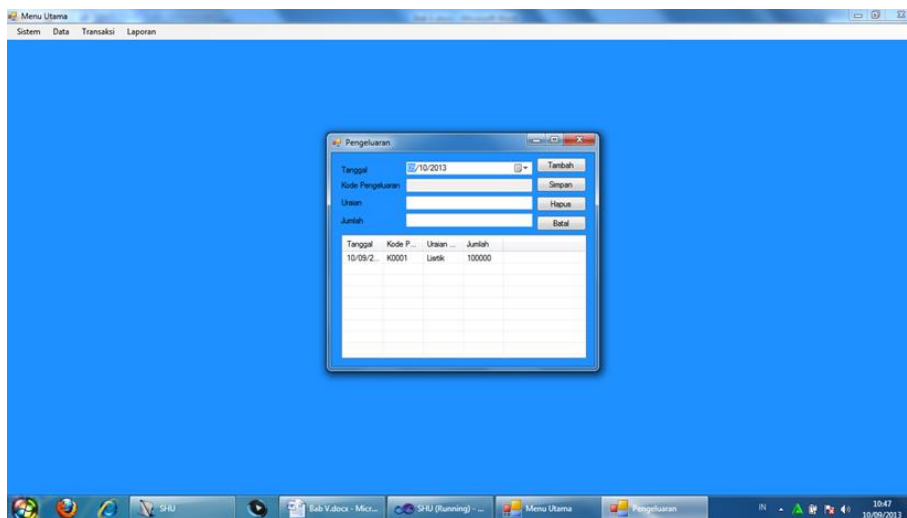


Figure 7. Expenditure Results Display

h. Display of Member Data Report Results

The display of the results of the member data report from the program that the author designed can be seen in Figure 8. Following;

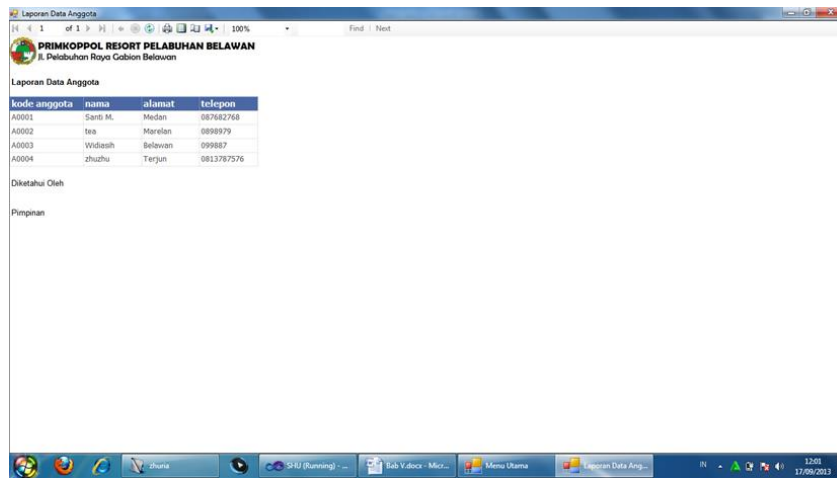


Figure 8. Display of Member Data Report Results

i. Display of Data Savings Report Results

The display of the results of the saving data report from the program that the author designed can be seen in Figure 9. The following;

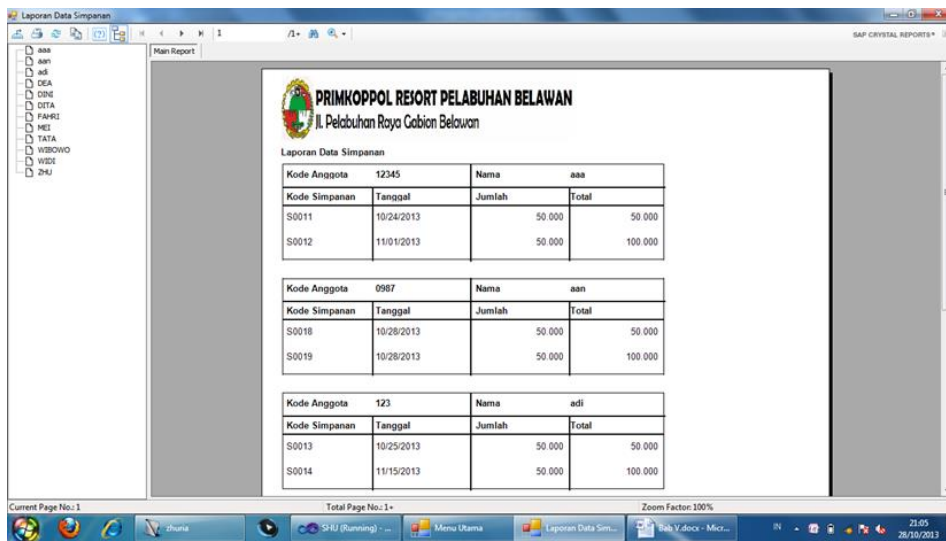


Figure 9. Display of Savings Data Report Results

j. Display of Loan Data Report Results

The display of the results of the loan data report from the program that the author designed can be seen in Figure 10. Below;

PRIMKOPPOL RESORT PELABUHAN BELAWAN
Jl. Pelabuhan Raya Gabion Belawan

Laporan Data Pinjaman

Kode Anggota	Nama		
12345	aaa		
Kode Pinjaman	Tanggal	Jumlah	
P0012	10/24/2013	4.000.000	
P0017	10/25/2013	900.000	
P0013	10/24/2013	5.000.000	

Kode Anggota	Nama		
0987	aan		
Kode Pinjaman	Tanggal	Jumlah	
P0023	10/28/2013	10.000.000	
P0024	10/28/2013	710.000	

Kode Anggota	Nama		
12345	adi		
Kode Pinjaman	Tanggal	Jumlah	
P0018	10/28/2013	10.000	
P0016	10/25/2013	1.000.000	

Figure 10. Display of Loan Data Report Results

k. Display of Payment Data Report Results

The display of the results of the payment data report from the program that the author designed can be seen in Figure 11. The following;

PRIMKOPPOL RESORT PELABUHAN BELAWAN
Jl. Pelabuhan Raya Gabion Belawan

Laporan Data Pembayaran

Nama			
aaa			
Kode Pinjaman	Tanggal	Jumlah	Sisa
P0012	10/24/2013	4.000.000	3.600.000
P0013	10/24/2013	5.000.000	4.500.000

Nama			
aan			
Kode Pinjaman	Tanggal	Jumlah	Sisa
P0023	10/28/2013	10.000.000	9.000.000
B0040	10/28/2013	9.000.000	8.100.000
B0041	10/28/2013	8.100.000	8.000.000

Nama			
adi			
Kode Pinjaman	Tanggal	Jumlah	Sisa
P0015	10/25/2013	10.000.000	9.000.000
B0033	10/25/2013	9.000.000	8.100.000

Figure 11. Display of Payment Data Report Results

3.2 Discussion

The stages carried out in the trial implementation of the system are as follows: Example of calculating the remaining results of operations: It is known that interest income at Primkoppol Resort Belawan Harbor for a year is 12,000,000.00, - and expenses for other expenses used during the year are 7,000,000.00, - then the remaining results of operations will be obtained as follows:

Income
 Interest Receipt : IDR 12,000,000,00
 Total income :Rp. 12,000,000.00
 Expenditure
 Other expenses : IDR 7000,000.00
 Total Expenses :(Rp. 7,000,000.00)
 Remaining Business Results Rp. 5,000,000.00

So from the statement above, the remaining operating results are received in the amount of Rp. 5,000,000.00.

a. System Testing Techniques

The system for calculating the remaining results of this business is used to determine the remaining results of a cooperative company, especially those owned by users who are designed to replace the old system with the new system. This system is designed using the Visual Basic programming language (Microsoft Visual Basic .Net 2010) and SQL Server database.

After the completion of the program design, a system test is carried out before implementing the system to see whether the program results are in accordance or not as expected. This program has been tested using a static testing technique (Static Technique), in which system trials have been carried out for the hardware and software needed to run the program, detailed system design, system formal rules, along with tests on the results of running the program.

The test results for all the criteria above have worked well, even the test program has produced the expected output, it only has a weakness, where this system does not yet have a good security system, so it still requires further development.

4. CONCLUSION

Based on the description and discussion in the previous chapters, the authors draw conclusions, including: The system created is used to calculate the remaining results of cooperative operations. The data that is the main ingredient of the system is in the form of member data, deposit data, loan data, and loan payment data. In making the system using Microsoft Visual Basic applications with Sql Server database..

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