Accurate Software Implementation For Accounting Information System Corporate  
(Case Study Yanata)

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Abstract.

Financial bookkeeping is the most important thing in any company. Bookkeeping manually using books and calculator, often make a lot of mistakes in calculations and accuracy. Digital bookkeeping make easier for companies to store data and evidence for each record that will be used in the books of each company. "Yanata" is a AC distributor company (Air Conditioner) that located in Surabaya. Mrs. Ribkah Soerjani as the owner of "Yanata" has some problems that add jobs and spend more time. One problem is the problem of accounting "Yanata". To obtain accurate data is not very easy. The purpose of the author to make final project is to provide solutions to design the flow of information systems to provide and teach accounting software for "Yanata". By interviewing the owner of "Yanata" to find out what are the needs for company, the author can implement Accurate software. At the end of the implementation, the author hope that the Accurate software has answered what "Yanata" needs.

Keywords: company, software, Accurate, accounting, training

1. Introduction

Along with the times, Indonesia was also followed by rapid technological developments. Many large companies have a long-standing challenge to follow the direction of technological development. Usually companies do offline trading processes such as direct selling. However, with the development new ways of online, it makes company could only sell directly. Based on the results of a survey conducted by pcplus.co.id declared in 2014, Indonesia is the largest Internet user at 8th in the world and the largest social network users at 4th in the world when Internet penetration is not high. With 100Gbps traffic for the past year, and 55 million Internet users by the record in 2012, Internet penetration in Indonesia is only 22%. But in Internet traffic, the growth is very high as two million percent, with access speeds go up 817%.

Accounting systems in every company is very important in process of monitoring and internal control by a company. By making changes and development in the accounting system, in particular the public more buyers can assess the company well. From the book of Joseph Haryono. "Fundamentals of Accounting". STIE YKPN. Yogyakarta., 1997. Said that the accounting system is the method and procedures for recording and reporting financial information provided to the company. The accounting system consists of documentary evidence of transactions, recording tools, reports, and procedures that companies use to record transactions and report the results.
2. Theoretical Basis

2.1 Information, Information System, and Information Technology

Information is the result of data processing in principle have more value than the raw data so that more useful and meaningful to the user. While the data is the fact that states an event or physical environment that have not been managed into a form that is meaningful and useful for the humans (Work, 2004). An example application of information systems in software Accurate Yanata are: inventory data 'Panasonic Air Conditioner' is as follows:

Table 1. Inventory Data of Panasonic Air Conditioner from March 20th 2014 – March 23rd 2014

<table>
<thead>
<tr>
<th>Date</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 20th 2014</td>
<td>15</td>
</tr>
<tr>
<td>March 21st 2014</td>
<td>10</td>
</tr>
<tr>
<td>March 22nd 2014</td>
<td>5</td>
</tr>
<tr>
<td>March 23rd 2014</td>
<td>20</td>
</tr>
</tbody>
</table>

2.2 Accounting

"Accounting is identifying, measuring, and communicating the financial information about economic entities to interested users." Kieso and Weygant (2002:2). Based on the above understanding it can be concluded that accounting has several steps:

a. Identification

In regulating the accounting of a company, selection and identification process is required to choose which information is appropriate and necessary for economic reporting.

b. Measurement of economic information

From the information that has been identified in the previous phase, the calculation of various aspects of information acquired is necessary.

c. Information economy reporting

After perform measurements valid information from the identification and measurement, then recording is done to keep a history of financial activities.

d. Judgment and decision making

From the results of the economic report, then company can make decisions for the next financial activities. For example: reduction of inventory taking on one supplier.

2.3 Accurate Software

Accurate software was first invented by CPSSoft in PT. Cipta Piranti Sejahtera located in Jakarta. First launched to the public in November 1999, using the largest computer exhibition in Indonesia every year held in JHCC Indocomtech 1999, Jakarta. That time,
version 1.0 is launched named Accurate2000 Accounting Software. At that exhibition, CPSSoft got a lot of valuable feedbacks from users or prospective users. Thanks to feedback from users and keep tracking the business progress in Indonesia, Accurate always improving themselves and adjust to these developments. Up until now, Accurate has released version 4. Appearances version 4 is certainly provide some convenience for the user in applying the new accounting system into Accurate. Some modules are packaged in a single package consists of:

- Sales / Accounts Receivable: Sales Order, Delivery Order, Sales Invoice, Sales Return, Buyer Receipts.
- Purchase / Accounts Payable: Purchase Order, Receive Item, Purchase Invoice, Purchase Return, Vendor Payment.
- Item & Inventory: Item, Warehouse, Inventory Adjustment, Item Price Adjustment, Grouping, Item Transfer, and Job Costing.
- Cash & Bank: Other Deposits, Other Payments, Bank Transfer, Reconcile, Bank Book.
- Fixed Assets: Fixed Assets Fiscal Type, Types Fixed Assets, Fixed Asset List.

2.4 Client Server

Client - server is a network model that clearly separates which can provide network services (servers) and where the relationship between computers in a system that only receives service (client). Client Server works to allow access of data between Personal Computer (PC).

2.5 Point of Sales

Definition of Point of Sales or commonly abbreviated as POS is a sales-oriented activities as well as a system that helps transaction processing. Each POS hardware and software consists of two components which are used to process each transaction.

2.6 Information Quality

Jogiyanoto said in book Analysis and Design of Information Systems (2005:10) that the quality of information depends on three things:

a. Accurate: the information given must be clear and reflect the intent and purposes.
b. Just in time: information related should not be out of date so the information presented is not obsolete.
c. Relevant: information provided must be in accordance with the needs of its users.

3. Analysis Needs and System Designs

3.1 Analysis Needs

Based on the interviews that have been conducted, Yanata do sales and purchases air conditioners and administrative activities in it. The execution of administrative activities
Yanata still manual. Bookkeeping returns, accounts payable - accounts receivable, inventory cards are still using simple document storage and manual so as to monitor goods returns, accounts payable and receivable is still difficult to be noticed. System of purchases and sales using a simple memorandum and documents that make Yanata workers and owners spend a lot of time in transaction processing activity, search for important documents, as well as making the financial statements that will be read by the owner. By doing implementation of Accurate software on Yanata, will greatly assist the process of recording, storage, and retrieval of data. Reports and important documents will be stored in the software.

3.2 Data Flow Diagram of Yanata

Data Flow Diagram of Yanata is used to show the data flow process in the system. Each worker has a department where the department determines that the location and what the workers do. Workers do sales to the buyer and do purchases to supplier where it is concerned with goods.

![Data Flow Diagram Level 0 of Yanata](image)

Image 1. Data Flow Diagram Level 0 of Yanata

3.3 Activity Diagram

Activity Diagram formed to understand the software implementation on each feature in Accurate software software. In this section will explain the Activity Diagram for some features in Accurate software that used by the company.
Image 2. Activity Diagram

Image 2a shows that to make new user in Accurate software, user needs to access Accurate software. User do login, choose “Setup User Profile”. User fills identity form for new user.

Image 2b shows that to make new supplier in Accurate software, user choose feature “Lists”, “Supplier”, “New” from Accurate software. User fills identity form for new supplier.

4. System Implementation

4.1 Users Training

This training aims to train users in using Accurate software. With practice and explanation of this software, the user is expected to be able to operate the software properly. Below here is a description of the training methods and constraints experienced during the training process.

4.1.1 Training Plan

Accurate software training sessions conducted over 3 Yanata each employee. The sessions lasted approximately 2 hours. The following the schedule of training that has been done:

1. February 3rd, 2014: provides an explanation and overview of Accurate software for users purchasing department. Interviews were conducted for find out what is involved in the purchasing process.
2. February 4th, 2014: a training data input purchases some form of data suppliers and purchases transaction data.
3. February 10th, 2014: answer the questions and problems faced by the user when entering data purchases.
4. February 12th, 2014: provides an explanation and overview for users Accurate software inventory section.
5. February 17th, 2014: provide a training to input inventory data.
6. February 24th, 2014: answer the questions and problems encountered by users during inputing inventory data.
7. March 3rd, 2014: provides an explanation and overview of the software for users Accurate software sales.
8. March 5th, 2014: provide a training to input sales data in the form of buyer data, inventory data items being sold, and some of the sales transaction data.
9. March 13th, 2014: answer the questions and problems encountered by users when entering sales transaction data.
10. March 17th, 2014: giving an explanation to purchase returns and sales returns to the user.
11. March 24th, 2014: deliver information to users of financial accounting statements on purchases, sales and inventory reports.
12. April 2nd 2014: training the owner to access and using the software Accurate software monitoring employees activities in Accurate software.

4.1.2 Issues Experienced by Users

By the time morning job, Yanata employees is preparing for goods carried by couriers. So that all employees participate in preparing for goods. Before using computer for access Accurate software, users always use manual typewriter for write a sales invoice so that when the training Accurate software, users are still not used to use computer. Differences in age also have been a factor because of the size of the problems facing the writing on a computer screen is too small and learning new things that exist in the Accurate software.

Users in the purchasing department to get issues during the user wants to inputing purchase invoice is not paid off and calculating debt held by Yanata. Having described and given an idea that has Accurate software tricks in the amount of inventory that the goods are not reduced or increased, the user is able for resolve this issues.

Similarly, the users in the sales department. Users get a similar issues during want to calculate receivables owned by Yanata. After being given the same solution with purchases, users are now able for resolve the issue.

In contrast to the user on the inventory. Users find that the stock of existing inventory with the inventory data in the database there is a difference, a bit of confusion in the user change the amount of the inventory. Having described and given the impression that has a feature Accurate software inventory taking, then end user understands and is able to resolve the problem users.

Another problem occurs during second computer is still in a state of repair, so that the initial training is done on a computer. But the issue is resolved after a second computer condition has been repaired and is ready for use by the user.

4.1.3 Success Criteria

Success criteria in implementing Accurate software is when:

1. Users were able to enter data of suppliers, buyers, inventory, purchase and sales transaction processing without having to read and open the user's manual Accurate software book.
2. Data stored and displayed reports Accurate software data is accurate and correct.
3. Writer has conducted training on the use of Accurate software for Yanata.
4. Accurate software proven allows users to work on enterprise information systems Yanata (viewed from the aspect of comfort, ease of access to the database from the user).
4.2 Entrepreneur Aspects

In this final project, the author has the entrepreneurial aspects: Market Sensitivity. By realizing that the development of information technology in Indonesia is not good, then need for a new opportunity in a business in Indonesia. Based on the number of companies who do not use digital information systems, the authors provide a solution for improve and repair the company's information systems in companies.

4.3 Final Exam Results

After this final run, there are several results obtained, is:

1. Data of supplier, buyer data, inventory data, transaction data purchases, sales transaction data, the data purchase returns, sales returns the data, the data purchases payments, payment data sales, and financial statement data has been recorded into the database Accurate software.
2. Data that is already stored in the database that can be printed in the form of a report.
3. After applying and giving instruction Accurate software on the user (employee or owner) Yanata for 3 months, the user is able to access and use Accurate software properly.
4. Yanata has a system of accounting information in the record, store, and report data procurement transactions in a business.

5. Conclusion and Feedback

5.1 Conclusion

Based on the results of the implementation and testing of software on the system Accurate Yanata information, it was concluded that:

1. Usage Accurate software on Yanata company managed to improve the efficiency of time and effort in working Yanata information systems.
2. Yanata’s financial statement needs will be easily met after applying Accurate software as a means to enter datas that associated with the purchase, sale or supply of goods is complete and correct.
3. Upon authors implement training on enterprise Accurate software to Yanata, Yanata especially the employees are able to use it well.
4. Based on testing, the success criteria that author expected also deadline that author expected in implementing Accurate software on the user held properly, based from the implementation process is completed within the agreed deadlines and to enhance the demand for accounting information systems are expected clients.

5.2 Feedback

There are some suggestions of Accurate software implementation for the future:

1. To perform Accurate software implementation in the future, provided the intended user's manual for new employees who will use Accurate software for client companies.
2. For the future, it would be better if the maintenance operation after the implementation process will be concerned by the authors as well.
6. References


