

INFORMATION SYSTEM OF GOODS SALES AND SUPPLY IN CV. TASMA JAYA BANDAR LAMPUNG

Hilda Dwi Yunita¹

Email :

hildadwiunita@gmail.com

STMIK Mitra Lampung

Street Z.A Pagar Alam No.07 Gedongmeneng
Bandar Lampung

Abstract

Processing of disposal and supply goods data in CV. Tasma Jaya Bandar Lampung is used manual way and without computerized system, so it often caused mistaken in its disposal entry. Based on this case, technique for researched used were observation, interview, and reference study. Problem solving for that case through implementation the disposal, supply, report of disposal transaction information system. Based on the result, any new disposal and supply for revise the old system that has many deficiency.

Keywords: Information System, Disposal, and Goods Supply

1.0 INTRODUCTION

Now a days we can see the fastness of technological development, especially for information technology. Because of that, lot of business or government start changing from manual system to the computerization in prosettition. CV. Tasma Jaya as the business enterprise that sell and buy various goods or attribute for government and its people. CV. Tasma Jaya Bandar Lampung still used manual method for doing that process, so it was being risk for mistaken in entry process. Based on that case or there is no specialized application to process goods disposal and supply data made mistakes risk to be done in recapitulation of sales, goods data, and accounting. The process of goods sales and supply in CV. Tasma Jaya is less effective because of some factors. The process of sales report was used manual method, noted in blank invoice and sales transaction notes put on an archive. Supply accounting did by manual method, need longer time to did it.

2.0 THEORETICAL

2.1 Definition of Design

Design stage purposed to design new system that can solve the business problem, it get from choose the best system alternative. This activity done by design stage included output, input, file planning.[1]

2.2 Definition of System

System is collecting of elemen that related each other form a unity for achieve one goal effort [2]. Basically, system is collecting of element bounded each other to get certain purpose[3]. System reffered to work networking of related procedures that gathered for doing an activity or solve certain goal [4]. System is collective of organized and interacted each other, interdependent unshures or variables that collaborate to achieve one goal[5].

System is collective of related element connected each other and united to achieve certain goal. Goal is a group of people who connected each other to reach a desired purpose[6].

2.3 Definition of Information

Information is an unappropriate term in general use. Information often about raw data, arranged data, capacity of a communication lines, and ect [7]. [8] Information is data series that has provisional, depend on time, supprising to the receiver character. Information is collective data processed to be more beneficial and more meaningful to the receiver. Without Information, a system can be obstructed and stop. An organization without Information cannot work and operated [9][10] information is input processing organizedly, valuable and useful for its receiver.

2.4 Definition of Information System

Information System is a system inside an organization that unite need of daily transaction to support of organizational operation function with managerial character include strategi activity to supply necessary reports for certain people. Information System can be defined for these explanation :

1. A system made by human consist of organization components to achieve a goal, that is presenting Information.
2. Collective of organizational prosedurs to give information for decision maker and control the organization.
3. A system inside an organization unite the necessary of transactional processing, support the operation, maangerially and strategy activity from an organization and necessary report for who need it [9].

2.5 Definiton of Data Flow Diagram

Structured Analyze Method introduced by DeMarco (1978) and Gane Sarson (1979) through book of Analyzed Structure Methodology and Information System Design. Both suggest for using *data flow diagram* (DFD) to describe or make system model. Its reffered by *data flow diagram*, but fact, DFD focused on process. Generally, *data flow diagram* is a network describe an automatical or computerized, manualization or both merger, that its description arranged in a collective of system of component related mutually as its main role. Benefit of DFD is enable system from the highest to explain the highest to the lower (decomposition) the other way, while the lack of DFD is it didn't show *looping*, decision making, and accounting[11].

2.6 Definition of Visual Basic

Visual Basic is one of computer programming language. Programming language is understanding order did by computer to did certain duties[12]. Microsoft Visual Basic is an application used to developing with utilize concepts between graphic upcoming in Microsoft Windows[13]. Application created by Visual Basic related to windows so need the knowledge about how windows worked[14].

3.0 METHODOLOGY

The **systems development life cycle** (SDLC), also referred to as the application development life-cycle, is a term used in systems engineering, information systems and software engineering to describe a process for planning, creating, testing, and deploying an information system[15].

3.1. System Analyze

System Analyze is disperse a united system to component parts for identify and evaluate problems and obstructions to get the improvement. Worked system in Goods Sales and Supply in CV. Tasma Jaya Bandar Lampung were:

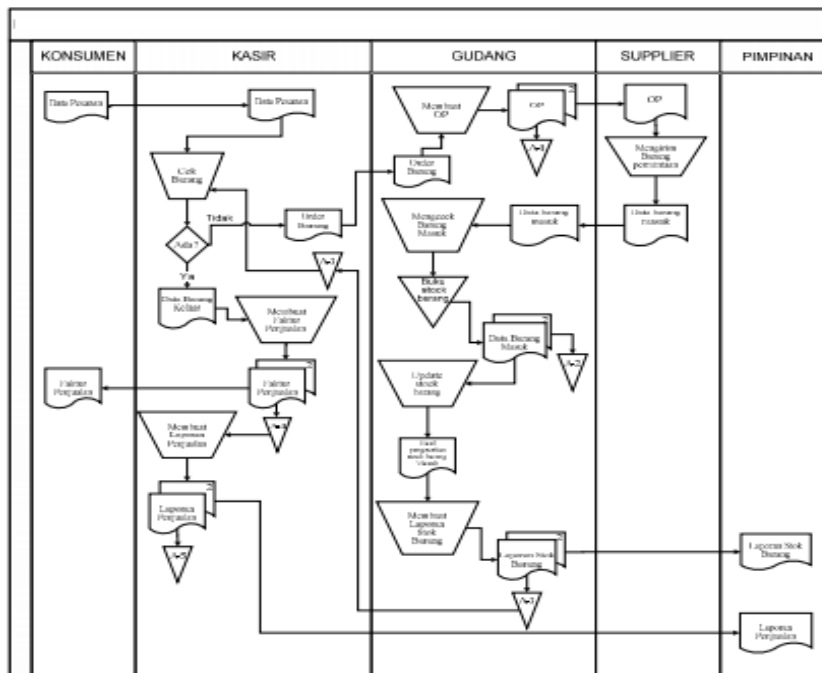


Figure 1. DAD Running System

3.2. Diagram of Running System Context

Diagram of context is general description that describes whole process activity of the system based on worked procedures in the system itself. Here was diagram of context in CV. Tasma Jaya Bandar Lampung :

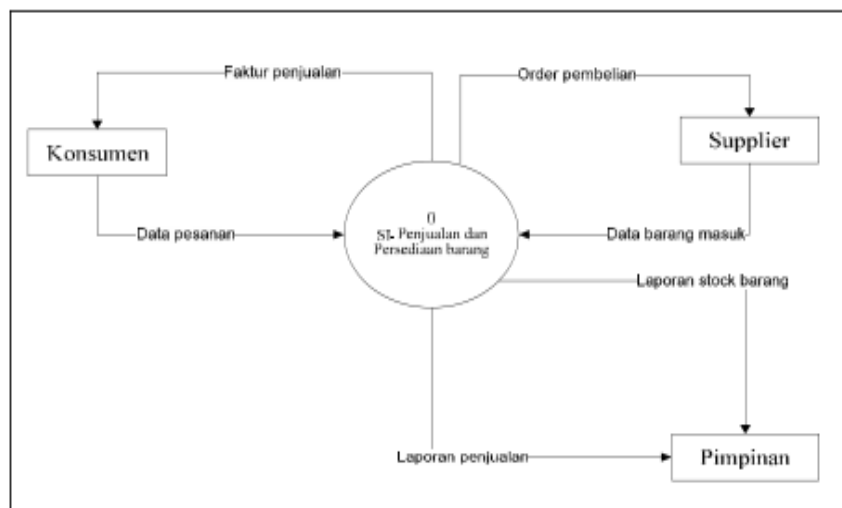


Figure 2. Diagram of Running System Context

3.3. System Design

Designing a system is adalah step of improve, because it is very significant to determine valuable of the result system designed. Based on evaluation result in running system, system need to be developed. System development did for change or repair manual system to computerized.

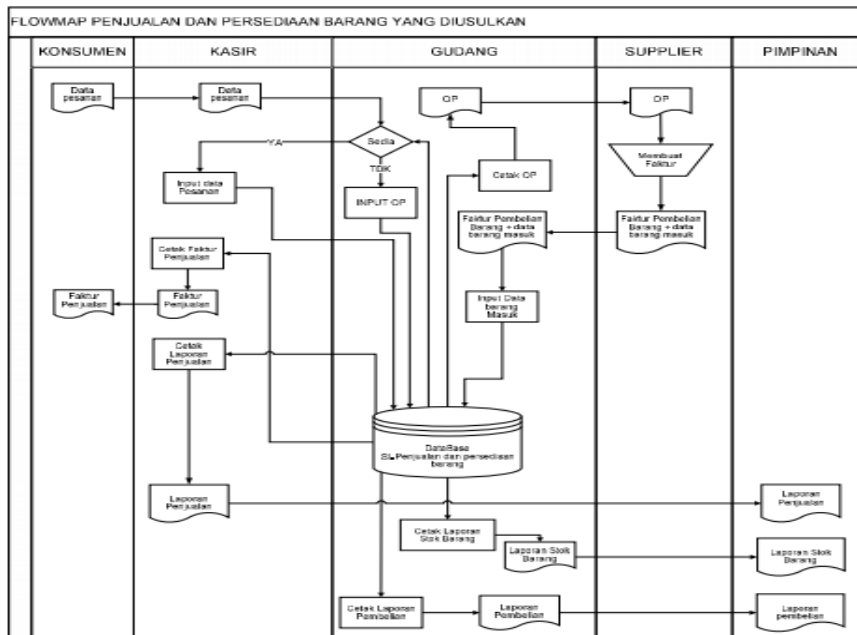


Figure 3. Flowmap of Information System for Goods Sales and Supply

3.4 Diagram of Planning Context

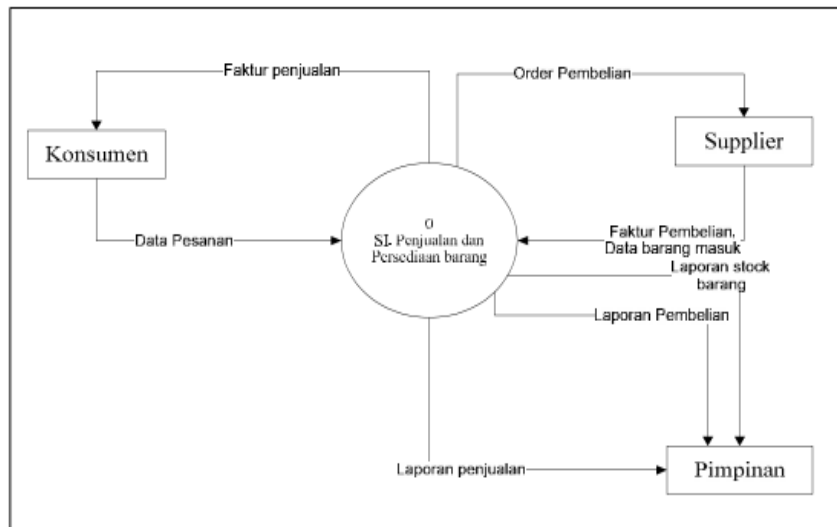


Figure 4. Diagram of Context Information System for Goods Sales and Supply

3.5. Planned Data Flow Diagram

Data Flow Diagram is very important to show the function inside a system. Benefit to use DFD is make less abilitu user easy to be more understanding upcoming developed or worked system.

Planned Data Flow Diagram

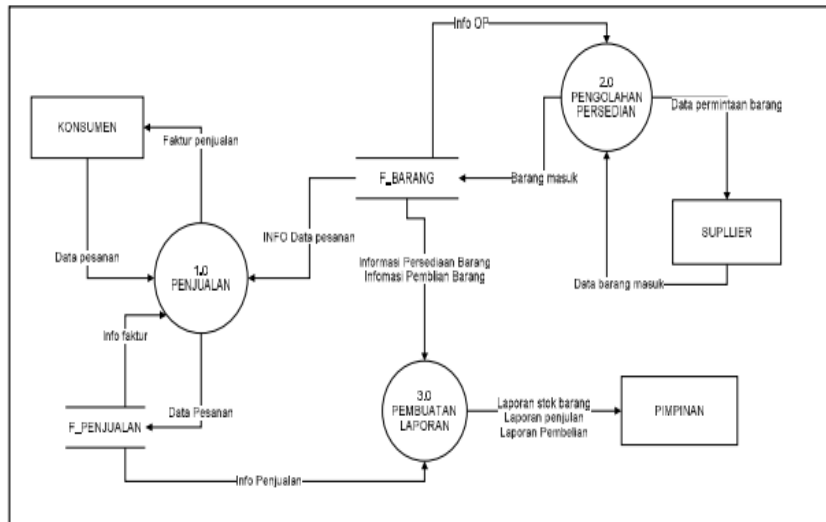


Figure 5 . DFD of Information System for Planned Goods Sales and Supply

4.0 RESULTANTS AND DISCUSSION

4.1. Implementation

In Visual Basic 6.0, the between page implementation did ini form image. All forms collected in a project.

1. Login Image Form

Figure 6. Form Login Image

2. Purchase Form

Figure 7. Purchase Form

3. Sales Form

The screenshot shows a software window titled "FORM PENJUALAN". It features several input fields for customer details: "Nama Konsumen", "Alamat", "Telepon", "No. Faktur", "Tanggal" (pre-filled with "31/06/2012"), and "User Id". Below these is a section for adding items, with radio buttons for "Kode Barang" (selected) and "Nama Barang". Fields for "Serial Number", "Nama Barang", "Type", "Warna", "Harga", and "Quantity" are provided. A "Cari" button is next to the "Nama Barang" field, and a "Tambah" button is at the bottom right of this section. A table with columns "NO.", "Kode Barang", "Nama Barang", "No Serial", "Jenis Barang", "Warna", and "Harga" is shown below. At the bottom of the form, there are fields for "Total" and "Cara Pembayaran" (set to "Tunai"), and buttons for "Buat Baru" and "Keluar".

Figure 7. Sales Form

4.0 CONCLUSION

4.1 Conclusion

Based on the researched in CV. Tasma Jaya Bandar Lampung, concluded that:

1. Running System still has some problems, that is sales data processing and the late of information about produced goods supply.
2. In design of goods sales and supply Information System planned, repairs to the system had been done for lack system worked in CV. Tasma Jaya Bandar Lampung.

4.2 Suggestion

Based conclusion above, here are suggestion for CV. Tasma Jaya Bandar Lampung in order that goods sales and supply Information System in CV. Tasma Jaya Bandar Lampung designed be used well, so it must to give any exercise to human capital or divisions who will use that system. Furthermore development of goods, sales and supply Information system can be posted in online worlds. And system should be maintained for exist long lively system.

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