CHAPTER I

INTRODUCTION

1.1 Background

Toko Tas Kamera Badrun Junior stores that produce camera bag at a bargain price. Camera Bag Shop has been marketing its products to the entire island in Indonesia and Abroad.

At the time of sale and purchase transactions having some problems due to this sales system manually, including the following.

1. The reservation process is done take a long time.

2. Unclear where the customers make a payment or transfer.

3. Responses from sellers who will make customers wait longer respond from the seller to ask the booking process.

4. Has a time limit to order every day for customers who book will be waiting for a reply from the seller.

5. Data missing vulnerable because they still managed manually.

E-commerce / Electronic Commerce is a business activity that is executed (example business transactions) by electronic means through a network (typically the Internet) and a computer or buying and selling of goods or services (or transfer money) through digital communication channels.

The information and data is a valuable asset for all companies or commercial enterprises. The information and data in the manual archiving such important documents is very risk of being lost should be moved to a computerized information system.

The ease and speed of access to information and data that has been in computerization is one of the advantages if the information and data has become an information system. Based on the existing problems, in this study the authors take the title "Architecture Of Information Systems E-Commerce Tas Kamera Badrun Junior Web-Based ".

1.2 Formulation of the problem

Based on the background that has been presented, the problems can be defined is how to build the information system for the E-commerce sales system Toko Tas Kamera Badrun Junior capable of storing data with a good and clear where customers have to make a payment.

1.3 Scope of problem

Some boundary problem used in this study are as follows:

1. Software used is Adobe Dreamweaver, Sublime Text and MySql.
2. The system can make the process as follows:
   a. The booking process or transaction 24 hours.
   b. Process transactions or payments clear.
   c. Transaction data is stored properly.
   d. Accessing reports of sales and purchases.

3. The process of creating and printing reports

   a. Preparation of reports based on sales and purchase transaction id.

1.4 Research objectives

The purpose of this study based on the above issues are as follows:

1. Data processing sales and purchases well.
2. Applying the discipline acquired during studying in AMIKOM UNIVERSITY OF YOGYAKARTA and add insight and knowledge for authors in conducting research.
3. This thesis is made to meet the completeness of the academic curriculum, as a condition of graduation from the degree program AMIKOM UNIVERSITY OF YOGYAKARTA.

1.5 Research methods

The method used in this thesis is as follows:

1. Data collection phase

   Data collection methods used in this study are as follows:

   a. Observation

      Observation was conducted to obtain data about the problems that occur in order to obtain an understanding of proof to the information or information obtained previously and performed well against the old system so as to obtain the data from the existing system.

   b. Interview

      Interviews conducted by a question and answer face to face with the speaker or the respondent, the respondent in these studies is the owner of Toko Tas Kamera Badrun Junior. Interviews assisted by the use of auxiliaries that your interview or an interview guide and a list of questions, so as obtained information necessary to build a system that will be created.

   c. Literature

      A method of data collection by studying literature and other media related to similar studies were to support a research.

2. Software Development Phase

Data analysis techniques in the making software using the waterfall software paradigm includes several processes as follows: [1]

a. *System / Information Engineering*

Is part of the largest system in the execution of a project, begin by setting as the needs of all the elements necessary systems and allocate it to the formation of the software.

b. *analysis*

Is the stage of analyzing the things that are required in the implementation of the project of making software.

c. *Design*

The translation phase of the analyzed data into a form that is easily understood and understandable by the user.

d. *Coding*

Stage translate data or solving problems that have been designed into a particular programming language.

e. Testing

A   testing   phase   of   software   built.

f. *Maintenance*

The final stage in which a software that has been completed can be changes or additions in accordance with user demand.

1.6 Writing system

Systematics research made by the author consists of 5 chapters include:

CHAPTER I INTRODUCTION

Elaborating on the background, problem formulation, problem definition, research objectives, benefits penilitian, research methods, and systematic writing.

CHAPTER II BASIS THEORY

In chapter II provides the theoretical basis used include basic concepts of system, device information system, concept analysis theory, the concept of modeling systems and software used.

CHAPTER III ANALYSIS AND DESIGN

In Chapter III contains an overview of the object research overview, analysis of the system to be run to find the weaknesses of the old system, the design of the system model, database design, the structure of the table that will be executed.

CHAPTER IV IMPLEMENTATION AND DISCUSSION

In this fourth chapter contains whitebox and blackbox testing system, implementing a system that will be used.

CHAPTER V CLOSING

In Chapter V outlines and describes what conclusions were obtained from all the activities of research and program development as well as suggestions from the authors to the party that will carry out research on the same theme in the future.