

CHAPTER I INTRODUCTION

1.1 Introduction

This chapter will describe the reasons made for the application and review several things: the background of the project, then proceed with a problem statement as a basis for why this project was developed and the project objectives to be achieved, the study explains the target user of this application. the project's significance and limitations briefly describe what must be accomplished to meet user needs

1.2 Project Background

Inventory of goods is an activity and effort to obtain data regarding equipment items that are owned/controlled/well taken care of as a result of self-made efforts, purchases, gifts, or grants. (Suparjati, 2010). With the enactment of this inventory system, it will make it easier to record goods that will go in and those that will go out and can carry out asset management, one of which is inventory.

Inventory in a business field is closely related to the activity of collecting data on transaction activities in and out of goods in a business field because inventory is important in the field of a business, then data processing using a system (IT) can make it easier to record the processing of goods compared to manual methods.

All business actors must do what is called inventory, without inventory, business actors will be faced with the problem of not being able to fulfill customer desires where customers can require or request goods and services.

To support performance and quality so that it has added value in terms of customer or consumer convenience in the process of knowing the type and stock of goods you want to buy and in particular employees and shop owners. By the Writer's shop needs will make "**Ware Inventory Application for Recording Incoming and Outgoing Item**"

which later aims to assist employees or owners in inputting data on goods. In addition, users can make transaction results and incoming and outgoing goods directly in the form of weekly or monthly reports. With this form of a report, progress, and level of profit on the shop owner can know the store from year to year without having to re-check each document and sales and purchase notes on each transaction process.

1.3 Problem Statement

Warehouse operations are the most important thing that should be the main concern of business people or companies in Indonesia and companies in other parts of the world. Unfortunately, there are still companies that think that having a proper goods management system is important. Without using a management system, the consequences are such as a decrease in customer quality and an impact on company profits.

The advantage of good warehouse management is that when warehouse operations run smoothly, the company will prevent shortages and delay goods in the warehouse.

1. In a CV. April Apparel, they have difficulty in making a report on the total goods
2. In a CV. April Apparel checking finished goods often occurs Errors in inputting data are repeated due to manual checking
3. It's difficult to know the number of items available if are outside the field, only see the display of goods but don't know the actual amount in the warehouse

1.4 Project Aim

Warehouse Inventory Application for Recording Incoming and Outgoing Goods, this project application has a project objective to design and develop an inventory system to record incoming and outgoing warehouse records. The output of this project will be a prototype and documentation system

The purpose of this study is to design a goods inventory data system using PHP and MySQL databases that can be used by employees or shop owners which will facilitate services, data processing, and transactions that have occurred at CV. April Apparel

1.5 Project Objective

Because the inventory system has many benefits for processing goods, from the statement the main objectives of this project are:

1. Make it easier for users to manage the entry and exit of goods with the incoming and outgoing goods feature
2. Make it easier for users to control their reports every month with report features, supplier reports, warehouse stock reports, incoming goods reports, and outgoing goods reports
3. Make it easier for users to archive report data with the data export feature

1.6 Project Scope

There are 2 scopes of this project, as follows:

1.6.1 User

1. Admin/employee
2. admins/employee can see stock items
3. admin/employee can add stock items
4. admin/employee can print item stock report
5. admin/employee can supply more incoming items
6. admin/employee can add outgoing item and print outgoing item report

1.6.2 System

System response when the user enters data, as follows:

1. The system displays the item stock page
2. The system outputs printouts from users in the form of MS Excel
3. The system displays the incoming and outgoing goods pages

1.7 Significance Project

In this project, the significance of this study include:

1. A website-based application capable of managing incoming and outgoing goods
2. A web-based application capable of exporting goods data out in the form of excel

1.8 Assumption and Limitation

1.8.1 Assumption

With the existence of this built system, it is expected to facilitate CV. April Apparel manages incoming and outgoing goods and is used to print various kinds of reports such as Ms. Excel, especially for incoming goods and goods accounts.

1.8.2 Limitation

The focus of this project is limited to:

1. This system is made in the form of an inventory system and is based on a Website App.
2. This inventory information system not up to the transaction process payment
3. This research focuses on controlling inventory
4. Create a User Interface design to make it easier for officers

1.9 Summary Chapter

The project aims to develop a Warehouse Inventory Application for CV. April Apparel, addressing difficulties in accurate reporting, manual data input errors, and the challenge of tracking item quantities outside the warehouse. The application will facilitate goods management, generate reports, and export data in Excel format. It will benefit administrators and employees by allowing them to add, view, and handle stock items, as well as print reports. The project's significance lies in streamlining goods management and enhancing

accessibility to reports and data exports. However, it has limitations such as focusing on inventory control and excluding transaction processing.