Universiti Teknologi MARA

A Real Time Stock Management Mobile Apps with Alert Notification Using QR Code

NUR AFIKAH BINT ABDUL SHUKOR

2016730089

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ABSTRACT

The inventory management system is important among the organization businesses is an organization that used the technology system in their daily operations. Every day, the sellers need to check the stocks manually, also they need to record the information new buyer and frequently buyers without keeping their data in a database. Therefore, to solve this problem by developed the apps that can manage stock in and out from inventories, in which the seller storing information in real-time. Other than that, the apps can generate an invoice to record the detail purchasing. Other than that, a good inventory management system is the one that has an alert notification which can help to notify the sellers of that the invoice already generated. There are several phases involved in this project, which are an overview, information gathering, system design, system development, testing, and documentation. Thus, a good stock management system has produced the system by fulfilling the seller's requirement so that it can give benefit to them in the future.

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CHAPTER ONE

INTRODUCTION

Nowadays, many organization management business has moved from manual to the computerized system. It is because most of the organization want to manage and organize information details in a powerful way to be more efficient and reliable. Therefore, to reduce their burden mainly for ordering and reporting details it based on managing data by using the more secure system. The features of information apps help to improve the quality of services by an organization.

The purpose of this project is to design and develop a real-time stock management mobile application with an alert notification software in which able to store the information regarding the stocks in the database. Therefore, the movement of the inventory and ordering system can be managed effectively and organized. Currently, most of the organization do the process of inserting information data of the inventory and customer details by manually by using Excel or word.

This mobile app based application comprises with a set of integrated tools, optimized to meet efficient handling of ordering and stock, include automating processes such as registering new sellers, record customer details, generate an invoice, also managing ordering and inventories.

This chapter will explain more about the project background, with the flow of the current system. It followed by a problem statement, objectives of the project, scope of the project and the significance of this research.