

**ONLINE SHOPPING MANAGEMENT SYSTEM
CASE STUDY: GOOD LUCK SUPERMARKET (BUSIA).**

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**A PROJECT REPORT SUBMITTED TO THE DEPARTMENT OF COMPUTER
STUDIES FOR THE STUDY LEADING TO A PROJECT IN PARTIAL
FULLFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE
BACHELOR OF INFORMATION TECHNOLOGY OF BUSITEMA UNIVERSITY.**

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DECLARATION

I declare that this report is my own unaided work. It is being submitted in partial fulfilment of a Bachelor's degree in Information Technology at Busitema University. It has not been submitted before for any degree or examination to any University or Institution.

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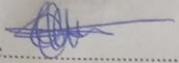
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APPROVAL

This project has never been submitted to any Higher Learning Institution for the award of a Degree and it is an original study submitted for the award of a Bachelor's degree in Information Technology with the approval of the Research Project Supervisor.

Supervisor

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DEDICATION

First and foremost, I dedicate this research report to my beloved parents Mr. Mauko Levi Wafula and Mrs. Akello Harriet for their endless support towards my education.

I also dedicate this research report to my lecturers **Mr. OBOTH ANDREW, Miss. MICHELLE DIANA** and **Mr. KISANGALA GERALD** who guided and supervised me through the tough times when I was doing my research.

Last but not least I also dedicate this research report to my brother Bagume Mauko Gershon and my course-mates for great cooperation and togetherness in terms of sharing study resources. May the Almighty God bless you abundantly.

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LIST OF ACRONYMS

SSADM	Structured Systems Analysis and Design Method
CSS	Cascading Style Sheets
DFD	Data Flow Diagram
ERD	Entity Relationship Diagram
HTML	Hypertext Mark-up Language
PHP	Hypertext pre-processor
SQL	Structured Query Language

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ABSTRACT

Online shopping information systems refer to the use of information technology to support the process of buying and selling goods and services over the internet. These systems can include a range of components, such as websites and mobile apps that allow customers to browse and purchase products, payment systems that facilitate the transaction process, and logistics systems that handle the delivery of goods to customers.

The main objective of this project is to develop an online digital shopping system so as to minimize time taken to manually record every transaction, error that may occur during recordings and the challenge of customers moving with cash to the shopping centers comes with several problems such as counterfeit, which levis loss to the shopping centers.

Structured Systems Analysis and Design Method (SSADM) was used which is a systems development method in which a prototype is built, tested and then reworked upon.

Implementation is the process of moving an idea from concept to reality. The technologies that were used in implementation include; PHP, MYSQL, Xamp server. These tools helped in enhancing the proper functionality and as well as user friendly interfaces and database.

Overall, online shopping information systems are a key component of the modern e-commerce landscape, and they are likely to continue to evolve and become more sophisticated in the future as technology advances and customer needs and expectations change

In conclusion therefore, an online shopping system prototype has been built, tested and it has been observed that the system successfully registers and logs in users with the intention that the system provides a feasible solution to the existing traditional shopping Administrator.

CHAPTER ONE

1.0 INTRODUCTION

Online shopping is a form of electronic commerce which allows consumers to directly buy goods and services from a seller over the internet using a web browser or a mobile app. The core instrument used in e-commerce is undisputedly electronic shop (E-shop). E-shop is a store operated in the environment of internet (Kollmann, Lomberg, & Peschl, 2016; Turban et al., 2015). Online stores usually enable shoppers to use “search “features to find specific models, brands or items (Jalaldeen, & Amin, 2018). Many companies have utilized the internet as a channel for fashion retail market with a purpose of generating income ((Horch, Wohlfrom et al. 2017)).

Computers have become part of the life for accessing almost any kind of information. Life in the 21st century is full of technological advancement and in this technological age it is very difficult for any organization to survive without using technology. The world wide web contributes gratefully to the creation of an ever-increasing global information database. A lot of research has been done of how to improve information sharing and make use of computers to improve it and it has been proven that use of technology is most sufficient, efficient and convenient for information sharing among people. Business firms and other organizations rely on information systems to carry out and manage operations, interact with customers, suppliers and compete in the market place. Information systems are used to run inter-organizational supply chains and electronic markets. For instance, corporations use information systems to process financial accounts, to manage human resources and reach organization customers with online promotions. Major companies such as kiku, jumia, amazon and many others are entirely built around information systems

In related research carried out by multiple researchers it has been noted that various persons are adopted to the technology especially most especially internet services thus making it hard to stay without. According to AcNelsen (2007), more than 627 million people in the world shop online. Many online shopping websites over the internet spread like virus that broaden people choir in term of products ranging from clothes, shoes, jewelry electronics and much more. People are very much likely to shop online rather than going to shopping centers (supermarkets) since items are available and accessible online

According to shu-ing (2003), customers found benefit perception, comprising convenience, selection freedom, information abundance, homepage design and company name familiarity, has

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