

ELECTRONIC INVENTORY MANAGEMENT SYSTEM

(Case study: chema kawacom coffee limited kapchorwa)

BY

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Declaration

I CHEBET ISAAC Reg. No. BU/UP/2017/1273 hereby declares that this Project Report is original and has not been published and/or submitted for any other degree award to any other University before.

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APPROVAL

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DEDICATION

This project work is dedicated to the **ALMIGHTY GOD** for his mighty love for me, being able to come up with the idea until it came to reality. Also I my parents especially my father MUSAU PATRICK and my mother CHEBET EUNICE, my brothers sande jacob, chelangat laban, Daniel, musau Philip, my sisters Chelangat Rachel, Chemutai miracle, Chemutai hope, chemuta Martha, chamima, deborah not forgetting my dearest Chelangat recho and my son Sande Nathaniel Stanley and my daughter kesiya. This is in appreciation for their guidance and counseling, financial, spiritual and moral support towards my career in Busitema University (Uganda).

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LIST OF ABBREVIATIONS

ERD	Entity Relationship Diagram
HTML	Hypertext Markup Language
2PHP	Hypertext Processor
MYSQL	Database for storing data of the web page
SQL	Structured Query Language
POS	Point of sale
CSS	Cascading Styles Sheet
DFD	Data Flow Diagram
GUI	Graphic User Interface
MS Project	Microsoft Project
URL	Uniform Resource Locator
IT	Information Technology
CRM	Customer Relationship Management
SaaS	Software as a service

ABSTRACT

An electronic based inventory management system is a computerized system designed for a user to manage the stock / inventory of the company, customer, suppliers, sales and generation of reports. The stand-alone inventory management systems have been deployed extensively as web applications. However, in order to maximize return on investment while also improving on company's efficiency and performance it is imperative to focus on organizations and use technology to develop such computer based management systems to boast their operation. A research and analysis on the current system and searching technique was done to get better understanding of the system. The water fall methodology was used in this project development implements iterative development which is suitable for standalone applications requirements that changes from time to time. The programming tools used in the design of the system includes programming languages; PHP, HTML, Cascading style sheets for styling the web pages and JavaScript as a scripting language for the front end. The back end of the system was designed using MYSQL as the database. The system was tested by the administrator and proved more efficient than the system that existed. Testing is done every phase of the development life cycle to make sure that the system working properly

As a final result, this system was completed, installed on a computer hence fulfilling all the research objectives.