# DECLARATION

I, Edwin ngila kyalo of AdmNo. 230192, certify that this project is my own work, based on my personal study and research done. I acknowledge all the resources and materials used to come up with this project whether it was articles, class notes, reports, and any other kind of documentation.

I also certify and confirm that this project has never been submitted anywhere for academic audit and that it has not been copied in whole from any source or otherwise plagiarized from any source or persons.

I confirm that I have identified and declared all possible conflicts that I may have.

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Candidate Name:

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# List of tables and figures

# Abstract

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# CHAPTER ONE

## introduction

what is a stock management system? A stock management system or also known as an Inventory management system is used to maintain an optimal stock level (make sure that the level of items is consistent), track goods during transit, receive new items, manage warehouse processes such as packing and distributing, preventing items from becoming outdated and prevent spoilage, and ensure your products are never out of stock.

## background of the study

The project come to my attention during an exaction to a supermarket warehouse. In this warehouse their where people walking around counting items that where in stock and noting them down in their notebooks and after the counting is done, they would tally the total and make decision based on the outcome.

This process takes them 3 to 4 hours after closing hours, and it is done four times a week, even after the process the outcome of the result is still not accurate as it should be. After research the out come shows that it is advisable to carry out the process once every month, but this is only achievable if the organization has a fully working system in the works.

The stock takers also highlighted that they are challenges that also come with the manual way of taking stock which are: -

1. over stocking as a result of under counting
2. Items getting lost in the warehouse.
3. The cost of items is undervalued.
4. Data lose through loss of tally sheets.

## problem statement

Their three main types of stock management systems that are well-known and used worldwide, are: -

1. Manual inventory management system. This is a system that was used back before technology was available, where all accounting processes were done manually which was prone to a lot of errors.
2. Periodic inventory management system. This is a system that connects both the Manual inventory system and the perpetual inventory system. Where the business physically counts every item in stock and at the same time updates the electronic recodes. The business only dose this periodically.
3. Perpetual inventory management system. This is a system that is fully automated. The system checks for the levels of stock of items, tracks transactions, updating cost of items at every stage of the cycle, it also tracks sells and updates in real time.

Technological advancements have made it possible for business to fully integrate systems with their day to day activities. For the following system we will be able to implement the perpetual inventory management system.

## objectives

## scope of the Study

## justification

## budget and resources

## project schedule

# CHAPTER TWO

## EVALUATIVE REPORT

# CHAPTER THREE

## project methodology

# CHAPTER FOUR

## SYSTEM ANALYSIS AND REQUIREMENT MODELING

# CHAPTER FIVE

## SYSTEM DESIGN

# CHAPTER SIX

## SYSTEM IMPLEMENTETION

# CHAPTER SEVEN

## LIMITATION AND RECOMMENDATIONS

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# APPENDIX