**BINDURA UNIVERSITY OF SCIENCE EDUCATION**



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PROJECT TITTLE : TUCKSHOP MANAGEMENT SYSTEM

DEPARTMENT : COMPUTER SCIENCE

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**PROPOSAL**

* 1. **TUCKSHOP MANAGEMENT SYSTEM FOR CHIPADZE HIGH SCHOOL**

**Problem definition**

The Chipadze High School Tuckshop is a Tuckshop that use a manual system in all their process, which is a slow process in doing everything in their shop, the manual system is also expensive because it also requires cupboard for keeping all the files and storage, its time consuming to search for a particular record . So the researcher is there to upgrade their system from manual to computerised system which is fast and safe on keeping the files

**DESCRIPTION OF THE EXISTING SYSTEM**

***Stock details file***

All the products supplied by supplier are put in a warehouse and the details of each item produced is recorded in the stock details file. Information recorded includes item name, item identification number (item id), and quantity.

***Supplier details file***

The company also keeps records of all the companies that supply the products required. The information kept includes suppliers’ Identification number, suppliers’ name, and suppliers’ address

***Order details file***

When products are to be bought from suppliers, an order is first made. The order specifies order Id, item name, quantity, order date. The supplier name and supplier Identification number which are used to update this file are retrieved from the supplier details file.

***Purchases details file***

When a purchase has been made, the clerk records the purchases details in this file. Information recorded includes invoice number, order Identification number (order id), quantity bought, supplier Identification number (supplier id) etc. The order Id and item name used to update this file are retrieved from the order details file whilst supplier Id and suppler name are retrieved from the supplier details file

***Sales details form***

When a customer purchases Maheu from the shop details of the Maheu bought are recorded in the sales details file. The information recorded includes receipt number, customer name, item bought

**Scope**

The project is going to;

* Reduce the transcription errors during data entry into the books of records.
* Easy amendments and updating of file records without messing up the books of records.
* Provide file security through the use of passwords and user IDs.
* Instantly update of the quantity in stock and automatically remind management when a particular item is running out of stock
* To maintain the records of the tuckshop, customers, suppliers with great ease. The stock of the products that are available must be updated from time to time
* Help them in report generation
* Automatically make calculations of daily, weekly or monthly total sales made by the Tuckshop

**System Objectives**

The proposed computerized tuckshop management system will be able to:

* Validate input purchases, sales and order figures so that correct figures are sent for processing
* Make accurate calculations on items purchased, costs and items sold, through the use of formulas
* Update stock levels in the stock details file when item are purchased or sold

**Outline of the proposed system**

The salesman or the supervisor shall access the system menu first by entering the password and c log in the system to feed in the required information.

**OVERALL PLAN**

Tuckshop management system

Supplier details form

Purchases details form

Sales details form

Exit system

Order details form

Stock details form

Supplier details form

Exit System

Supplier details inputs

Report

Purchases details form

Exit System

Purchases entry

Purchases reports

Purchases invoice

Sales details form

Exit System

Sales report

Sales entry

Sales invoice

Supplier entry

Stock details form

Exit System

Stock report

Stock entry

Stock invoice

Order details form

Exit System

Order report

Order entry

Order details

**Proposed system**

**The proposed system has the following advantages:**

* The system enables easy and fast access to the files
* Provides better data management facilities
* It provides security measures to access to the product information lowering data security threats
* Easy update of records.
* Reduction of data loss and processing errors
* Greatly reduce paper use.

**The disadvantages of the proposed system:**

* The Tuckshop will incur an extra cost on the electricity bills due to computerization of the Tuckshop system.
* Tuckshop owner must be computer literate

**FEASIBILITY OF STUDY**

**Technical feasibility**

* It will be cheap to use the system because they will not be much labour needed

**Economic feasibility**

* It is cheap when using the system because there will be no expense on where to store the files but when using the manual system it is expensive because there will be a need for cupboards, stationary and also transport to transport stationary and cupboards.
* The new system will benefit us more because there will be no expense in paying workers because there will be only two people who will be trained to use the system

**Legal feasibility**

The Tuckshop owner made software will not violate any laws because the data processing system will comply with the local data protection regulations and also it will be acceptable in accordance to the laws of the land.

**Social feasibility**

* The computerised system offers both customers and workers less hassles and makes the system user friendly.
* Tuckshop management systems are designed for better interaction between, staff, management and customers; it handles all the requirements for easy Tuckshop management. It helps structures the activities and maintain data transparency where needed and properly store data for regular operations and future analysis.

**Operational feasibility**

* The system will be user friendly because Tuckshop Owner will be able to order whilst at home
* The new system will be fast that the customer will not take hours for them to collect or order what they want

Conclusion

The Tuckshop system is proposed for Chipadze high school. The proposed work describes an automated system that progresses from the traditional method of manual buying and selling of goods to an automated process, by providing controlled access to the resources. There is going to be an analysis of similar existing systems in different tuckshops.