NORTH SOUTH UNIVERSITY
Department of Electrical and Computer
Engineering

CSE 215 Project

on

"Supermarket Product Management"

Submitted by

-Mahir Shahriar Tamim [2131377642]
-Sharjil Khan [2131861642]

Submitted to

Tarek Mizan

Course Faculty

Nazmul Alam Dipto

Lab Instructor

Contents

Introduction

With the increase in population, the need of larger supermarkets are inevitable. However, humans are bound to make errors while keeping tabs on such huge inventory. This is where this software will come handy. A software where the admin will be able to add or remove products and will also be able to assign the prices. The software will have staff access where they will be able to sell a product and the inventory will automatically be updated upon sale.

Objective

- To Make Things EASY!
- To easily add or remove products from inventory.
- To easily add or update price of a product.
- Staffs can log into their account and sell products.
- Automatically sums up the product's prices while selling.
- Will automatically update the inventory once products are sold.

Target Customers

- Any Supermarket Owners can use this software without any further changes.
- Other Product Selling Companies can also adopt this software in their management with little changes made in the interface.

Value Proposition

The software will reduce time to keep track of the inventory and manually updating prices or number of products left. The owner will always have sound knowledge of what is in their store and can take necessary decisions upon seeing the data. Staffs will also have easy time to sell the products by just selecting and adding the quantity of being sold. The software will automatically sum up the total.

Software Features And Descriptions

The software will open with a Login option at first. If the admin wants to access it, they need to select "Admin Access" and give the password. If any staff wants to access, they need to select "Staff Access" and enter a password.

Admin's screen will have:

- Add a product.

- Remove a product.

- Update a product's information.

- Delete a product.

- Check Profit Made.

Staff's screen will have:

- Sell a product.
    - Enter Product ID.
    - Enter Quantity.

- Check Inventory List.

Tools and Resources

-Java
-Java Swing for GUI

Challenge

One of the big obstacle is design. The software needs to be designed in such a way that any person with minimal effort can use and utilize it successfully. Otherwise, we will fail to meet our main objective, which is to make things easier.

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<u>THE END</u>

Click here to access Github

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