COST 11023

Group members: PE/2020/011
PE/2020/015
PE/2020/014

Super Market Management System

Supermarket management is simple because fewer people visit these establishments and fewer things are kept in inventory. Small supermarkets or mini-markets can be handled successfully with minimal human resource deployment and administrative tasks. However, this is not the case with large supermarkets, which have tens of thousands of items in numerous inventories and a huge volume of shoppers and merchants.

Existing System:

In small and medium supermarkets, the current approach is heavily paper-based. Even if there is less paperwork and labor required, the current approach is not very cost-effective for these markets. It is a very awkward and disorganized process when both relevant and irrelevant information is input and kept in the same location.

For large supermarkets, the current system is somewhat computerized but does not fully automate all areas of the store. The process of entering, storing, and retrieving data is incredibly wasteful. Additionally, there is a potential for incorrect data entry and data placement. The system is still incredibly unreliable and incapable of changing to meet user needs.

Proposed System:

By making the system dependable, quick, easy to use, and informative, the suggested supermarket management system seeks to fully automate large, medium, and small supermarkets. It boosts supermarket production by decreasing paperwork and the need for labor. One can add, change, update, save, delete, and print details with this program. The supermarket's inventory can be found using the search option.

Features:

- By making the system dependable, quick, easy to use, and informative, the suggested supermarket management system seeks to fully automate large, medium, and small supermarkets.

- It boosts supermarket production by decreasing paperwork and the need for labor. One can add, change, update, save, delete, and print details with this program.

- The supermarket's inventory can be found using the search option.

Modules Overview:

The main modules in the supermarket management system are:

- **The administrative module**: An admin who has complete system control oversees this module. A special user ID and password must be used by the administrator to access the system. All the system's components and functionalities are under their control. The administrator can assign each employee and staff member a special user ID (username and password).

- • **Employee module:** Using their user ID, employees can use this module. They are in charge of documenting information about purchases and sales and can keep track of things in the supermarket**.**

- **Purchase module**: This module stores all the purchase details of the supermarket.

- **Sales module**: This module stores all the sales details of the supermarket.

- **Billing module:** This module allows for the display of all payment information depending on sales and purchases.