**Supermarket management system**

It is easy to manage mini markets as the customers entering such stores are less and the items in the inventory too is less. Even with few human deployment and paper works, small supermarkets or minimarkets can be effectively managed. But the case is no so with big supermarkets with tens of thousands of items in various inventories and high traffic flow of customers and retailers.

**Existing System**

The existing system is paper based in small as well as medium supermarkets. Even though the paper work and manpower requirements is less, the existing system is not very economical for these markets. Relevant and irrelevant information are entered and stored in the same place which is very clumsy and untidy process.

**Proposed system**

The proposed supermarket management system aims at fall automation of big, medium and mini supermarkets by making the system reliable, fast, user-friendly and informative. It reduces paper work, manpower requirement and increases the productivity of the supermarket. Using this application one can add, modify, update, save, delete and print details. There is also a search feature to find products available in the supermarket.

**Features**

* It reduces the time and manpower required for management and maintenance of different tasks.
* It reduces the paper work in existing system, hence it is economical and efficient.
* With this system customers get quality of service, customers can even give feedback which can be stored in the database.
* As the entire system is fully computerized, records of daily and monthly purchases and sales can be recorded and analysed.
* This system is very secure, user-friendly and reliable.

**User Modules**

* Administrative module:

Admin is the overall controller of the system. Admin is required to log in to the system with a unique user id and password. They have control over all the modules and features of the system. Admin can allocate unique user id to the staffs.

* Staff module:

Staff can use this module with their user id. They can keep trade of items in the supermarket and responsible for recording details of purchase and sales.

* User module:

They get all the services related to shopping through the site.

**Functional modules**

* Purchase module

This module stores all the purchase details of the supermarket.

* Sales module

This module stores all the details of the supermarket and all the payment details based on the purchase.

* Ordering

The user can order the item by adding the selected items to this shopping cart.