

# **HYPERSTORE SALES MANAGEMENT SYSTEM**

## **Abstract**

A comprehensive solution created to improve and simplify the sales process in a shopping environment is the Hyper Store Sales Management System. It provides a unified platform for managing inventory, recording and analysing sales data, and automating crucial processes like customer relationship management, order fulfilment, and financial reporting. The solution equips managers to make wise decisions, promote growth, and improve custom with real-time insights and extensive reporting tools.

## **Problem Statement**

To effectively monitor and track sales transactions, inventory levels, and customer information, a supermarket sales management system is required. Employees should be able to access real-time data on inventory levels and sales trends as well as swiftly and accurately complete sales transactions, process customer information, and complete sales transactions. The system should also enable management to create reports and evaluate sales data in order to make wise business decisions. The system's objectives are to boost sales, boost customer satisfaction, and simplify operations at the supermarket.

## **Objectives**

1. Maintains the details of Sales by Store/Region/State
2. Profits/Sales Analytics
3. Details of Store i.e. No's, Region, Address
4. List of orders which have not been Delivered
5. List of payment paid or pending to the Distributors
6. Profit calculation by date/month/season
7. Maintains the details of product stock.
8. Track Shipment of an Store Order
9. The stock that is to buy if quantity goes less than a particular amount and Profit calculation for a month

## **Scope of the project**

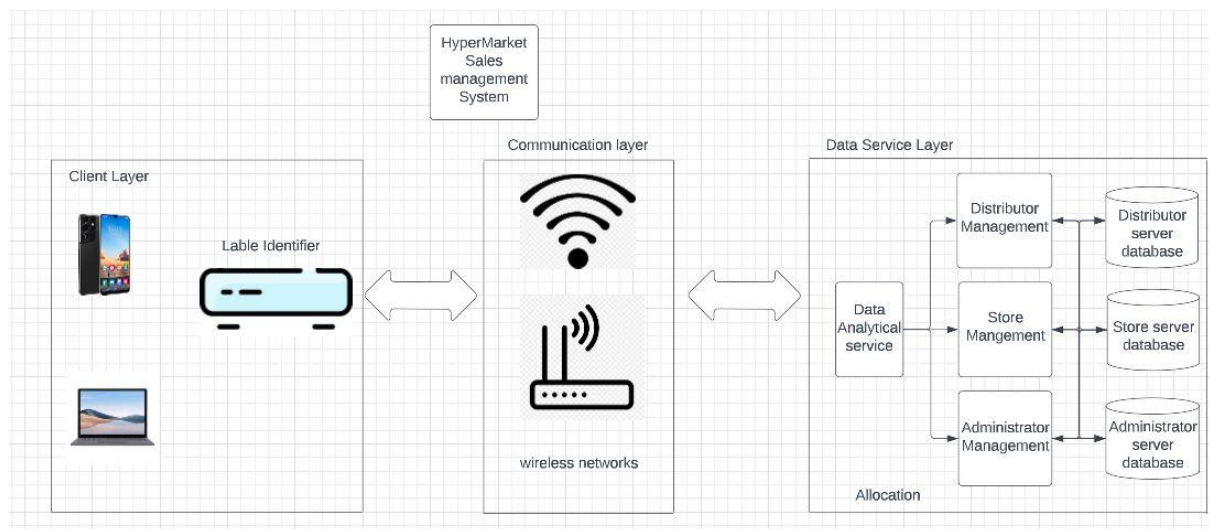
The scope of the supermarket sales management system project includes the following key functionalities:

1. **Sales Transaction Management:** The system should enable employees to efficiently process sales transactions, including the ability to scan items, calculate totals, process payments, and print receipts.

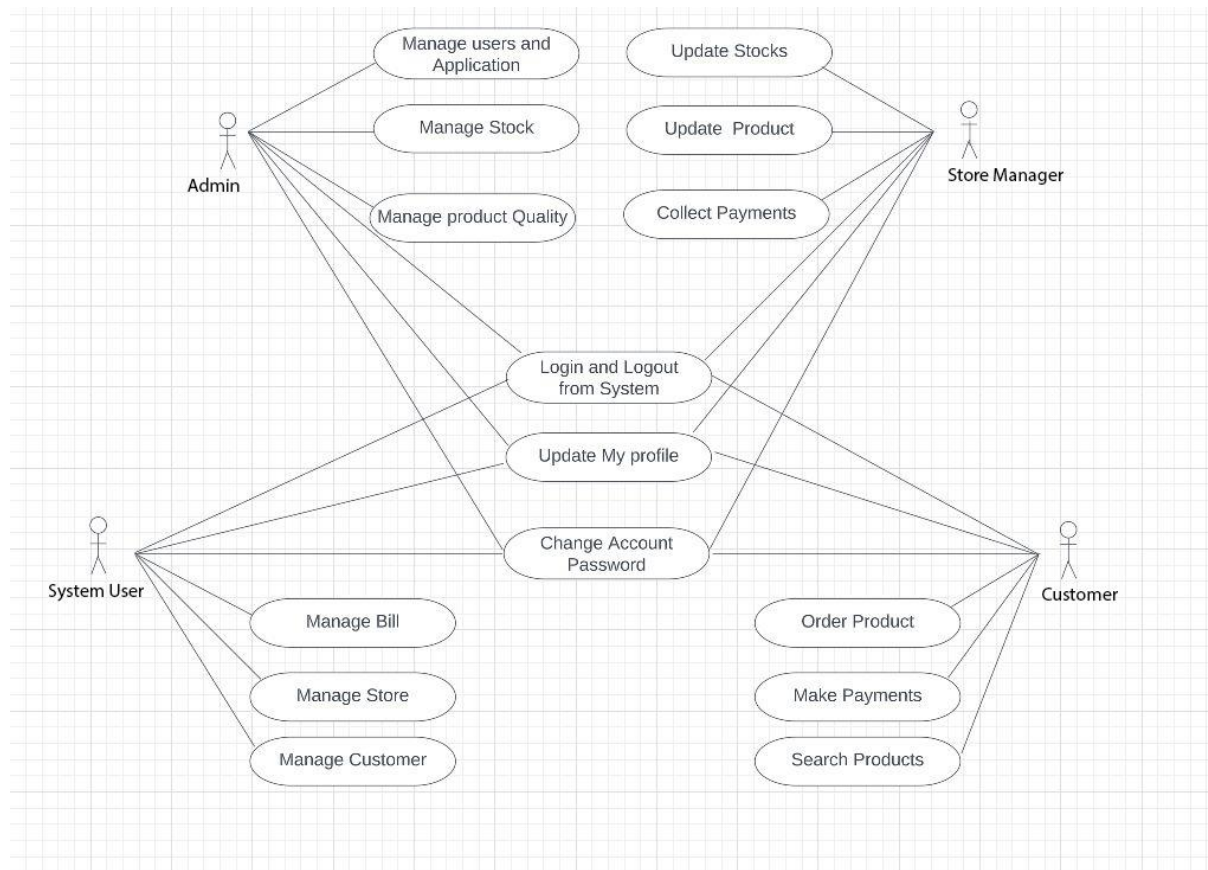
2. **Inventory Management:** The system should provide real-time information on inventory levels, including the ability to track stock levels, monitor sales trends, and generate alerts for low stock levels.
3. **Customer Management:** The system should allow employees to capture customer information, including name, address, and contact details, and provide access to customer purchase history.
4. **Reporting and Analytics:** The system should provide management with the ability to generate reports and analyse sales data, including sales by product, sales by category, and sales trends over time.
5. **User Management:** The system should allow administrators to create user accounts, assign permissions, and manage employee access to the system.
6. **Data Security:** The system should incorporate measures to ensure the security of sensitive customer and sales data, including encryption, backup and recovery procedures, and access controls.

This scope serves as the foundation for the development of the supermarket sales management system and can be expanded or modified based on the specific needs of the supermarket.

### Proposed Architecture Diagram



## Use-Case Diagram



## References:

- [https://lucid.app/lucidchart/7b2e1df1-d061-4e97-b0b5-2fb9993c98d4/edit?view\\_items=8W7uP76S1cds&invitationId=inv\\_74d5515d-ec27-49b8-b7e1-d34747e6a916](https://lucid.app/lucidchart/7b2e1df1-d061-4e97-b0b5-2fb9993c98d4/edit?view_items=8W7uP76S1cds&invitationId=inv_74d5515d-ec27-49b8-b7e1-d34747e6a916)
- [https://lucid.app/lucidchart/8ede089b-7713-4ab0-a0b9-438431881aae/edit?viewport\\_loc=502%2C224%2C1487%2C679%2C0\\_0&invitationId=inv\\_c178be89-3661-409a-a202-30ea6cbb10c8](https://lucid.app/lucidchart/8ede089b-7713-4ab0-a0b9-438431881aae/edit?viewport_loc=502%2C224%2C1487%2C679%2C0_0&invitationId=inv_c178be89-3661-409a-a202-30ea6cbb10c8)
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