

## **OOAD Project**

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## **Retail Store Management System**

### *Abstract*

A Retail Store Management System can be used as a one stop database management system for all the needs of a retail store.

This project consists of three modules:

1. Employee Management System
2. Stock/Inventory Management System
3. Billing System

Module Details:

#### **1. Employee Management System:**

(Accessible by admin and department heads)

The major feature of this Module is the employee details manager which consists of:

- i. Registering New employee
- ii. Updating Attendance

The minor feature of this Module is the Salary updating:

- i. Bonus calculation based on performance
- ii. Updating New Salary

#### **2. Stock/Inventory Management System:**

(Accessible by department heads)

The major feature of this Module is the Inventory manager:

- i. Add new products to the inventory.

The minor feature is:

- i. Remove the products from inventory db after being billed.

### 3. **Billing System:**

(Accessible by accounts department, cashier department and admins)

The major feature of this module is:

- i. Generate bill for products

Minor feature:

- i. Calculate discounts
- ii. Add Mode of payment details.

The Desktop application will have a landing page that consists of the three modules as options. All further features will be behind a log in wall. Database will be implemented using MySQL(backend). Front-end will be done using JavaFX or Swing(tentative). NetbeansIDE and/or EclipseIDE will be used.