2021-CS-63

Tittle :- Bookstore Inventory Management System

# Problem Statement:

In today's rapidly changing world of retail, it's incredibly important for bookstores to manage their inventory efficiently to make a profit and keep customers happy. Bookstores face various problems when it comes to keeping track of the books they have, processing customer orders, and making the most of their sales. Many bookstores still rely on old-fashioned ways of keeping records, which leads to mistakes, running out of popular books, and missing out on sales opportunities. The system will overcome these problems

# Requirements:

## Functional Requirements:

1. The user must be authorized to access the system.
2. Proper Email checking (the pattern of email @,.com)
3. The user can reset passwords
4. The user can have only multiple client, employees role, one admin who will handle the inventory end.
5. Admin can update, edit, delete the inventory.
6. Each book entry should include details such as title, author, genre, ISBN, price, and quantity in stock.
7. Set threshold for each book quantity and notify the admin as soon as there is low stock.
8. The customer should be able to place the order entering proper info.
9. Maintain proper card payment methods.
10. Maintain a discount code system if buyer enter a code he/she should get discount.
11. Searching through category, title, year of release and author of the book.
12. Admin can view and manage customer accounts such as suspend it, view their progress.
13. Admin can view previous sales date wise and month wise eg. Can filter it.
14. Admin can calculate sales revenue, unit price and make report exportable via pdf.
15. Maintain a cart system for the customer that can be updated at any time.
16. Customer can update their profile such as address any time.
17. Customer can give feedback which can be viewed by the admin.
18. Customer will receive a email or message as soon as the order is confirmed.
19. Customer can download their receipt as a pdf.
20. Customer can view their history purchases.

## Non-Functional Requirements:

1. System must be responsive.
2. System must be secure, fast.
3. System must have a proper backup system such as database.
4. System must be consistent.
5. Make proper logo for the System.
6. Put proper constraints on phone number, atm card number, password, address etc.