
ONLINE BOOK MERCHANDISE SYSTEM

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ABSTRACT

The project name is "Online Book Merchandise System" introduces a digital platform designed to facilitate the buying and selling of second-hand books. Leveraging the power of e-commerce and user-friendly interfaces, this system aims to provide a convenient marketplace for book enthusiasts to exchange and acquire books at affordable prices. In today's digital age, the demand for online platforms to purchase merchandise related to books has grown significantly. An Online Book Merchandise System (OBMS) addresses this demand by providing a convenient and efficient way for book enthusiasts to browse and purchase merchandise associated with their favorite books and authors. These abstract outlines the key components and functionalities of such a system. Online Book Merchandise System primarily consists of a web-based platform accessible through desktop and mobile devices. Users can register and create accounts, enabling them to personalize their shopping experience by saving preferences and managing orders. The system features a comprehensive catalog of merchandise items including but not limited to apparel, accessories, collectibles, and themed products related to various genres, authors, and literary works. The OBMS aims to enhance the shopping experience for book enthusiasts by providing a centralized platform to discover and purchase merchandise related to their literary interests. By leveraging modern e-commerce practices and technologies, the system ensures reliability, scalability, and security. Online Book Merchandise System caters to the evolving needs of consumers who seek to express their passion for literature through associated merchandise. It bridges the gap between books and consumer goods, offering a seamless online shopping experience tailored to the preferences of book enthusiasts worldwide.

1 INTRODUCTION

In the era of digital transformation, traditional book-selling methods are evolving to cater to the changing preferences of users. The Online Book Reselling System offers a modern and efficient solution, allowing users to sell their used books and purchase pre-owned books from others, fostering a sustainable and cost-effective approach to book consumption.

Key Features:

1. **User Registration and Profiles:** Users can create individual profiles by registering on the platform. These profiles serve as personalized spaces where users can manage their listed books, track orders, and engage with the community.
2. **Book Listings and Descriptions:** Sellers can create detailed listings for the books they wish to sell, providing information such as book title, author, condition, and pricing. Buyers can browse through these listings, ensuring transparency in the transaction process.

Literature Survey

Title: "E-Commerce Platforms in the Book Industry: A Comprehensive Review"

Author: Sarah E. Williams

Abstract: Sarah E. Williams provides a comprehensive review of e-commerce platforms in the book industry, focusing on online book reselling systems. The survey covers various platforms, their features, user experiences, and the impact of digital transformation on the buying and selling of books.

3 IMPLEMENTATION STUDY

Existing System:

Traditional methods of book reselling, such as local markets or physical stores, may lack the convenience and reach that an online platform can provide. Additionally, the absence of a centralized system may lead to difficulties in book discovery and transactions.

Disadvantages:

Limited scalability: The existing system may not be able to handle large volumes of traffic or orders, leading to slowdowns or crashes.

Limited customization options: The system may not offer customization options for products, such as printing names or messages on merchandise.

Proposed System & algorithm

The proposed Online Book Reselling System addresses the limitations of traditional methods by offering a centralized and user-friendly digital platform. It provides a broader reach, streamlined book discovery, and secure transactions, enhancing the overall experience for both buyers and

sellers.

4.1 Advantages:

1. **Enhanced Customer Experience:** The proposed system provides a seamless and personalized shopping experience, increasing customer satisfaction and loyalty.
2. **Increased Sales:** With a wider range of products and customization options, the system can attract more customers and increase average order value.

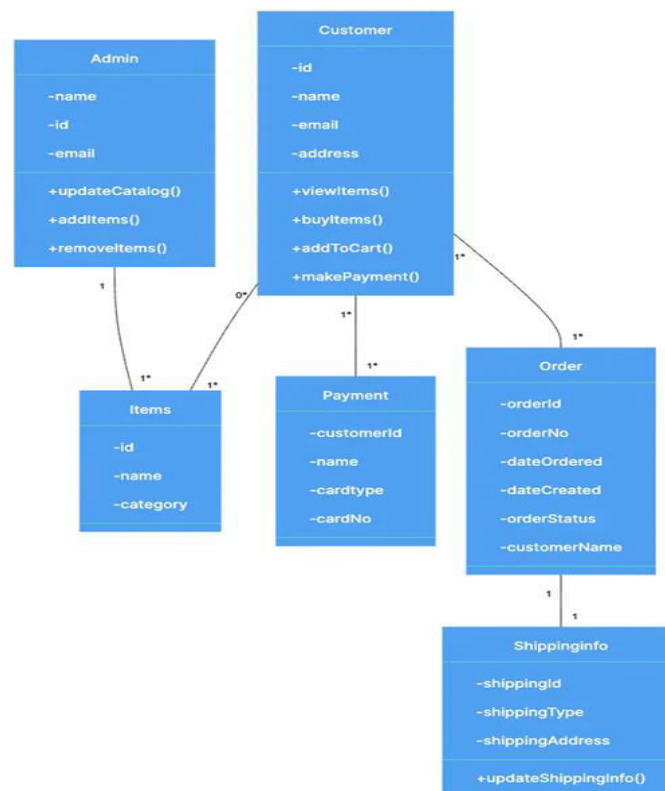


Fig:3.1 System Architecture

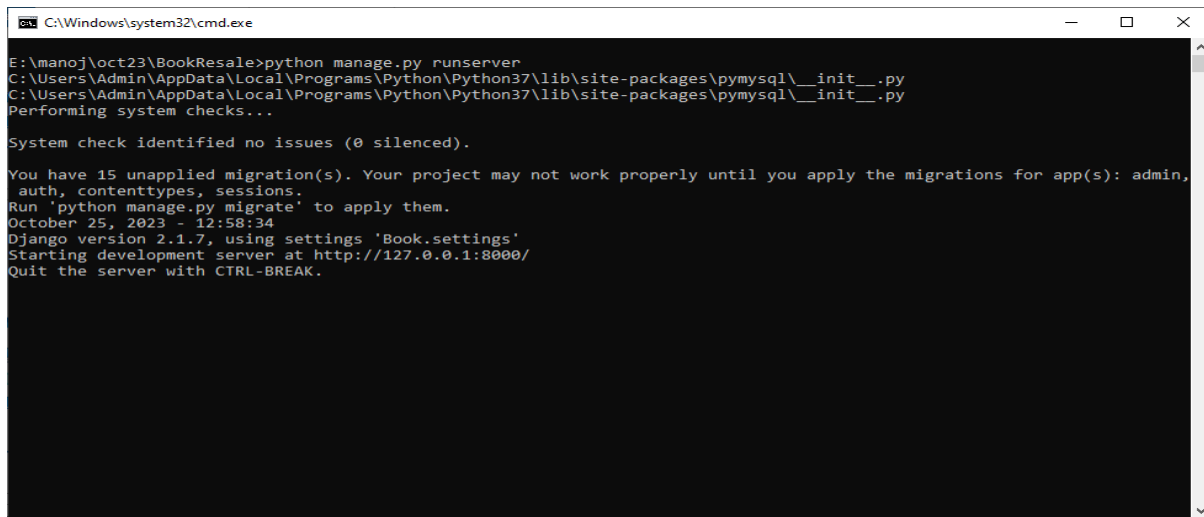
IMPLEMENTATION

- 1) **MODULES:**
- 2) 1. Upload Historical Trajectory Dataset: Upload Historical Trajectory Dataset' button and upload dataset.
- 3) 2. Generate Train & Test Model: Generate Train & Test Model' button to read dataset and to split dataset into train and test part to generate machine learning train model
- 4) 3. Run MLP Algorithm: Run MLP Algorithm' button to train MLP model and to calculate its accuracy.

5 RESULTS AND DISCUSSION

SCREEN SHOTS

First copy content from DB.txt file and then paste in MYSQL console to create database and then double click on 'run.bat' file to start python DJANGO web server and get below screen



```
C:\Windows\system32\cmd.exe
E:\manoj\oct23\BookResale>python manage.py runserver
C:\Users\Admin\AppData\Local\Programs\Python\Python37\lib\site-packages\pymysql\__init__.py
C:\Users\Admin\AppData\Local\Programs\Python\Python37\lib\site-packages\pymysql\__init__.py
Performing system checks...

System check identified no issues (0 silenced).

You have 15 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin,
auth, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.
October 25, 2023 - 12:58:34
Django version 2.1.7, using settings 'Book.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

Fig: 5.1

In above screen python DJANGO server started and now open browser and enter URL as <http://127.0.0.1:8000/index.html> and press enter key to get below page

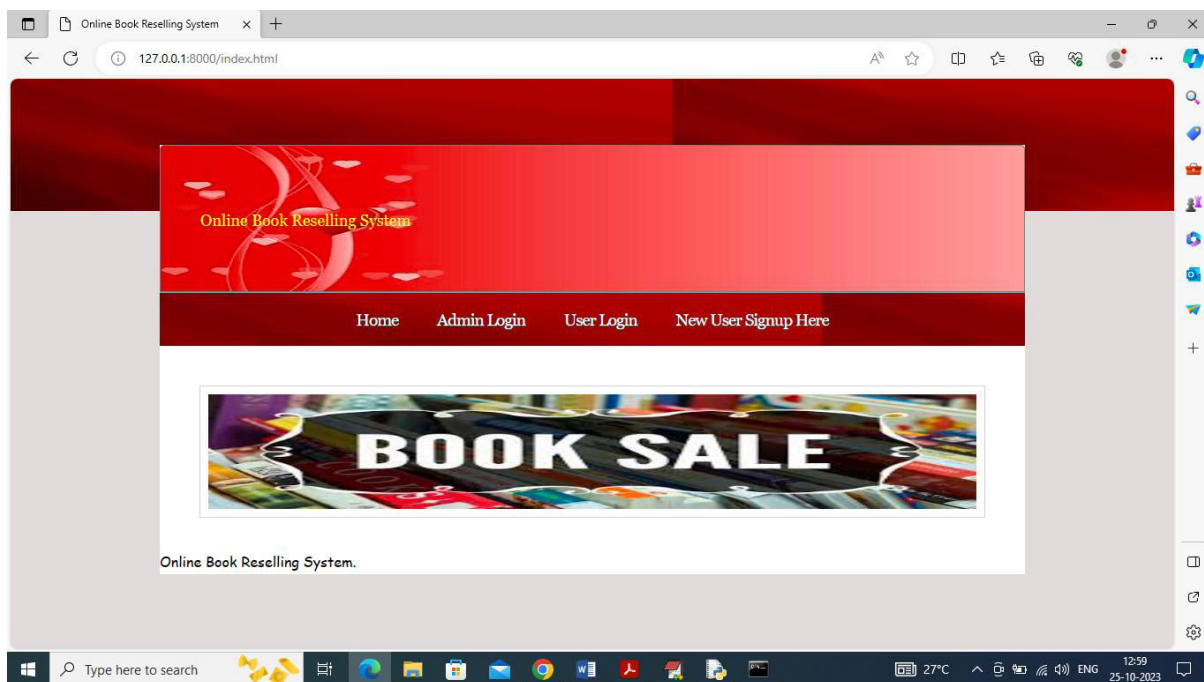


Fig: 5.2

In above page user can click on 'New User Signup' link to get below page

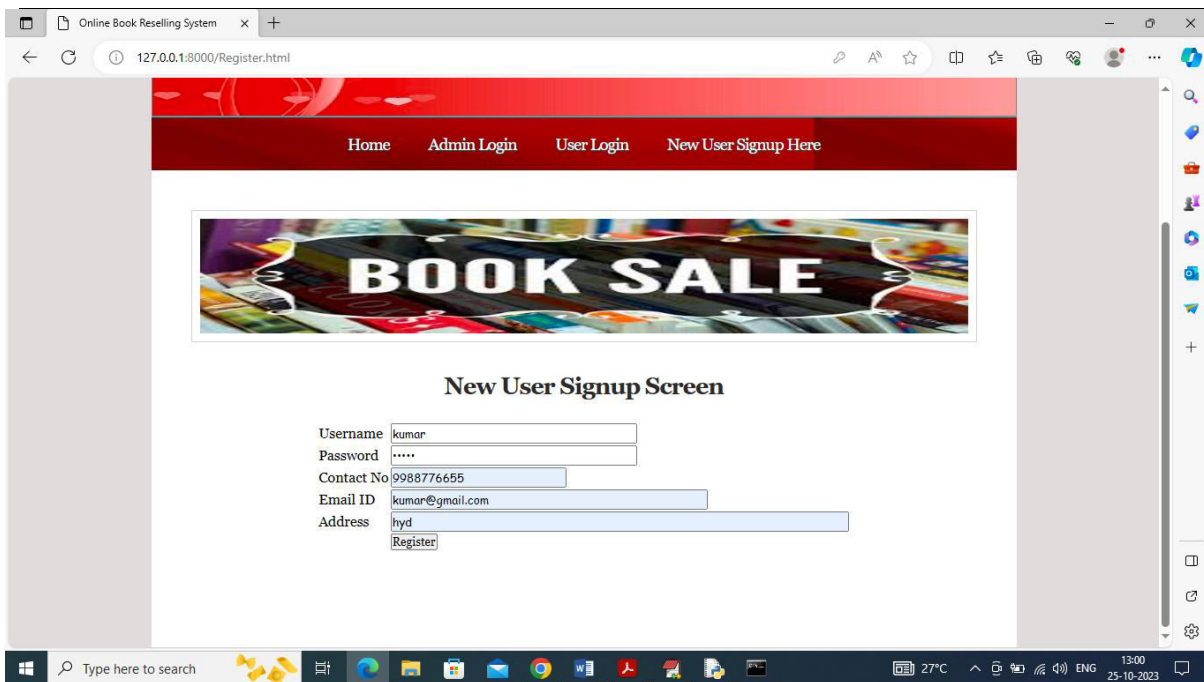


fig: 5. 3

In above screen user is entering signup details and then press button to get below page

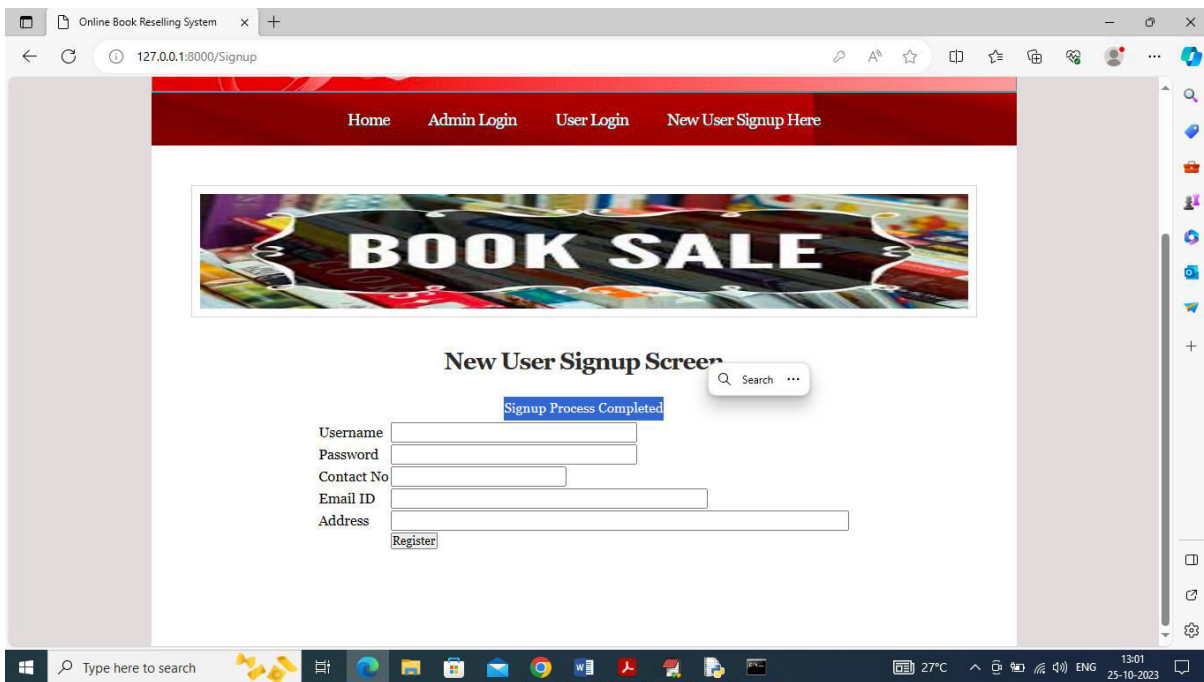


fig: 5. 4

In above screen in blue color text can see signup task completed and similarly you can add as many users as you want

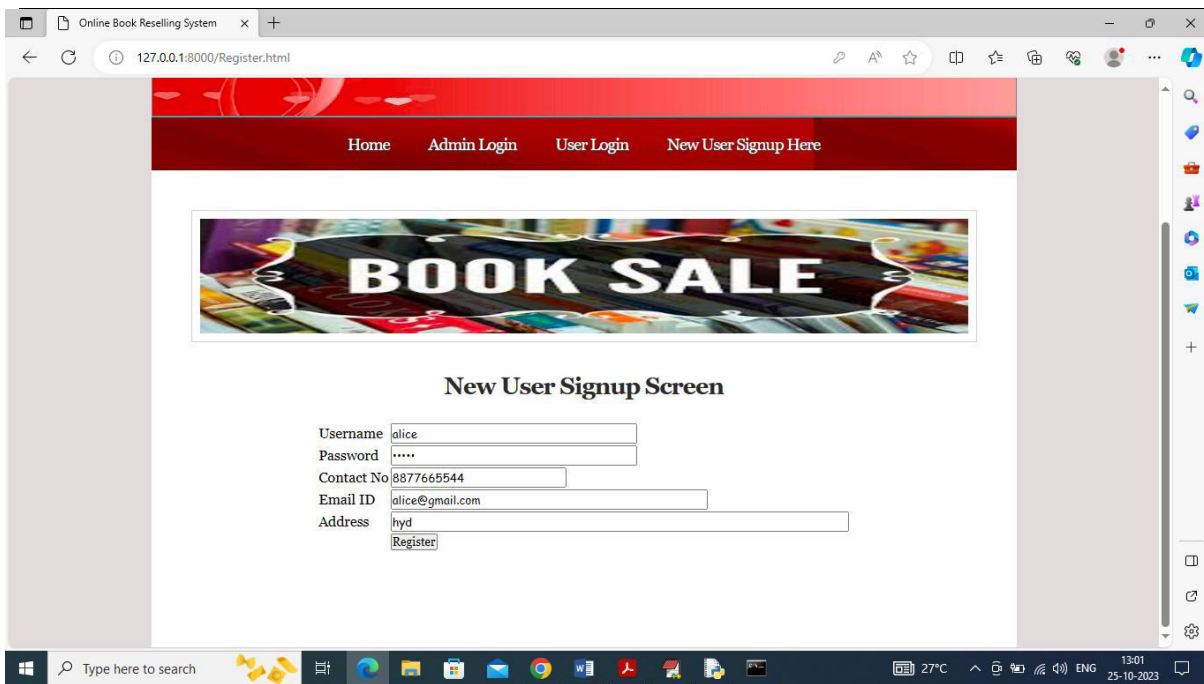


fig: 5.5

In above screen another user is signup and then press button to complete signup and now click on 'User Login' link to get below login page

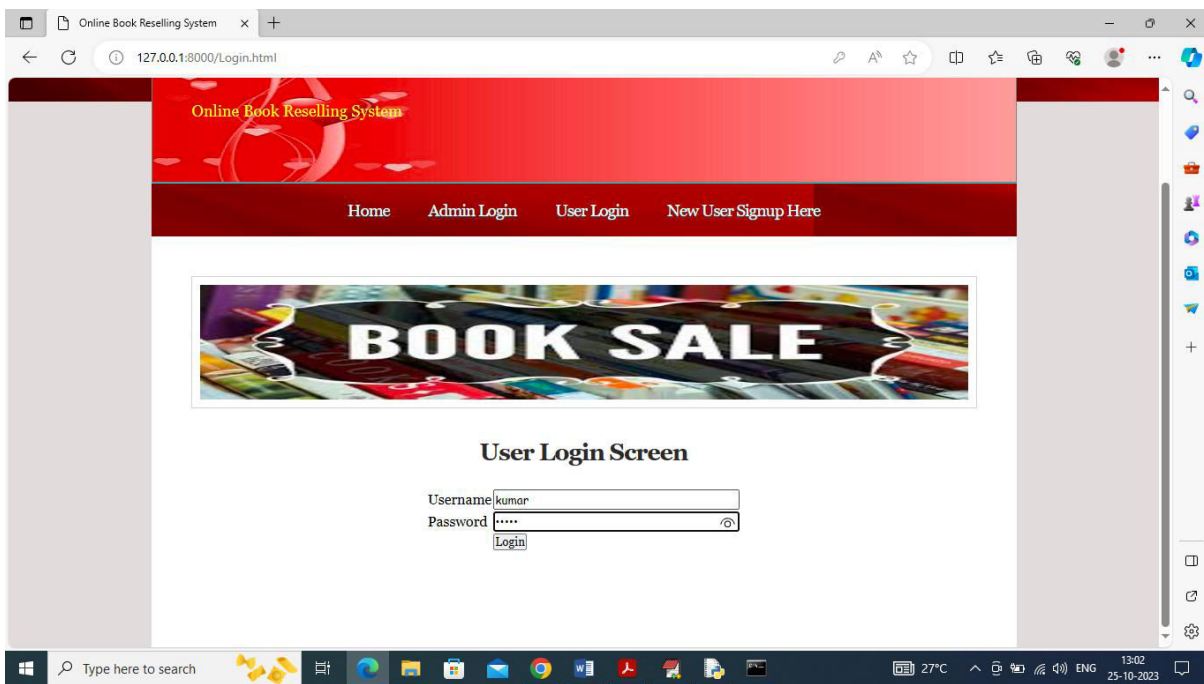


fig: 5.6

In above screen user is login and after login will get below page

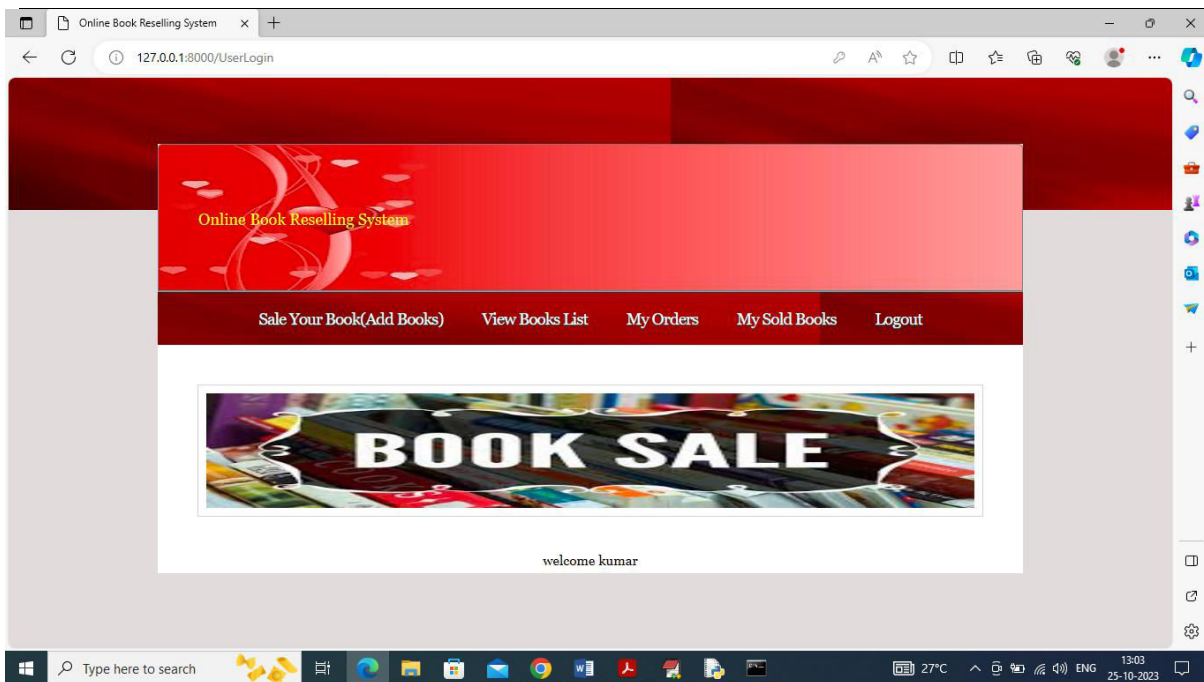


Fig: 5.7

In above screen user can click on ‘Sale Your Book’ link to upload his book details for sale

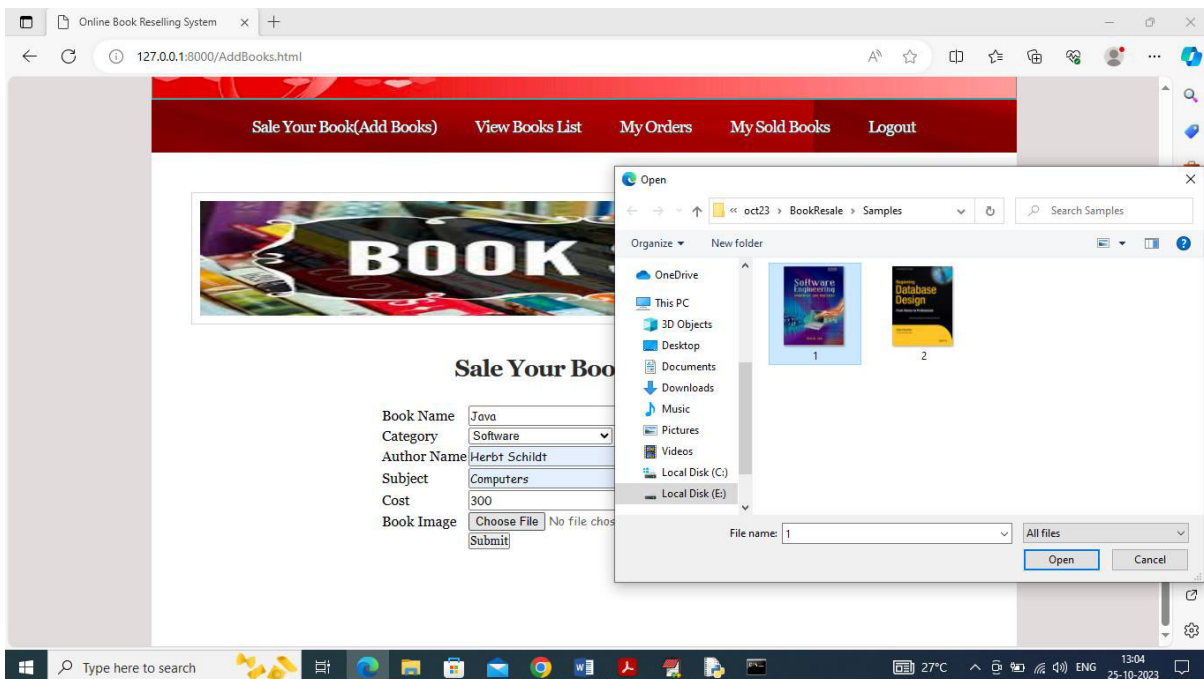


Fig: 5.8

In above screen user is entering book details and can upload book image so user can view and purchase it and then press button to get below page

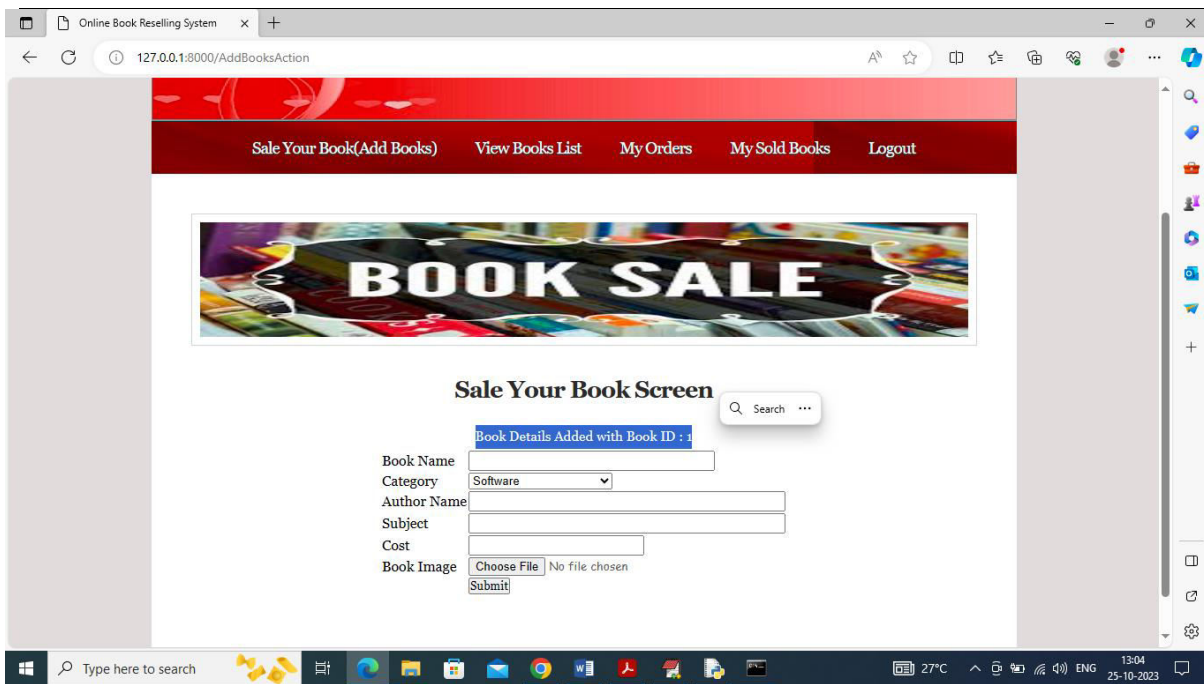


Fig: 5.9

In above screen book is added with book ID 1 and similarly you can add as many book as you want. Now click on ‘View Books List’ to view list of uploaded books

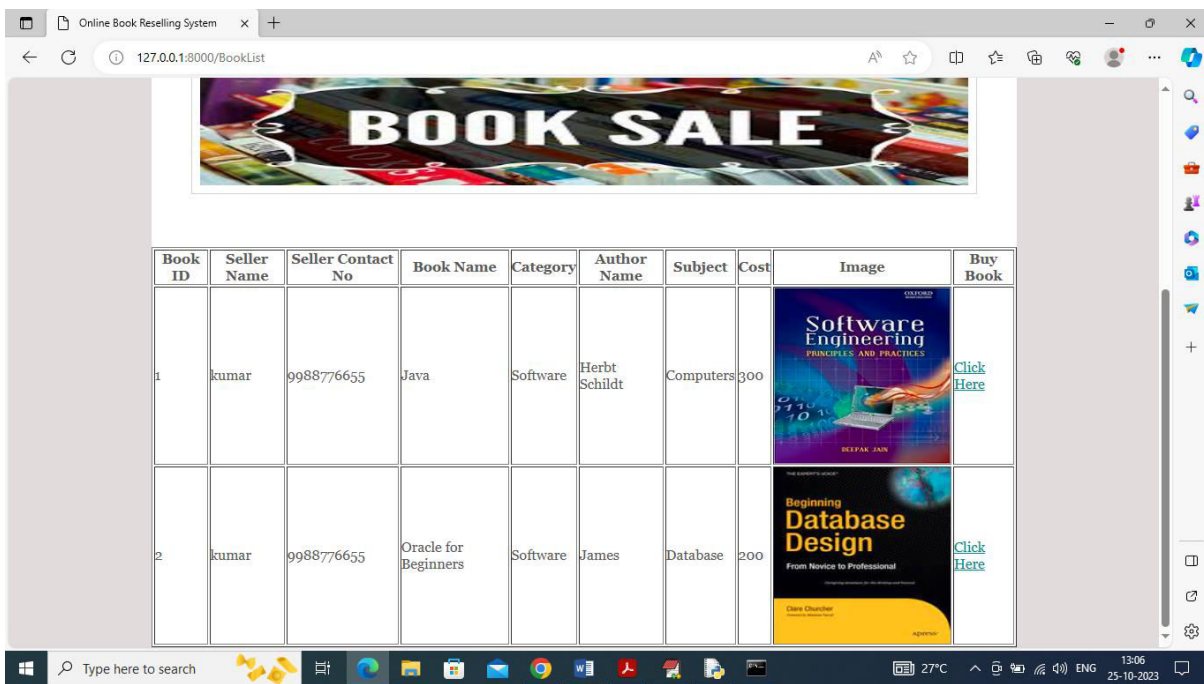


Fig :5.10

In above screen user can see details of all books and then click on ‘Click Here’ link to purchase books like below screen

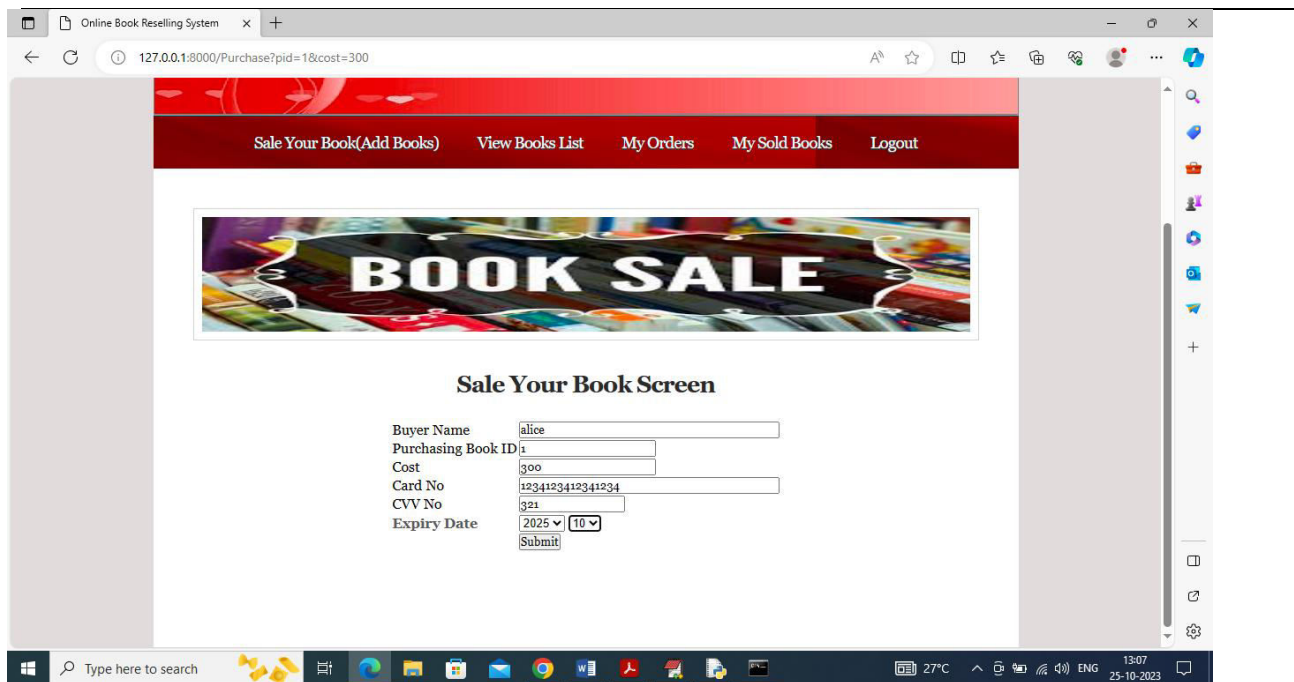


Fig :5.11

In above screen user can view buying book details and then enter payment details and press button to get below page

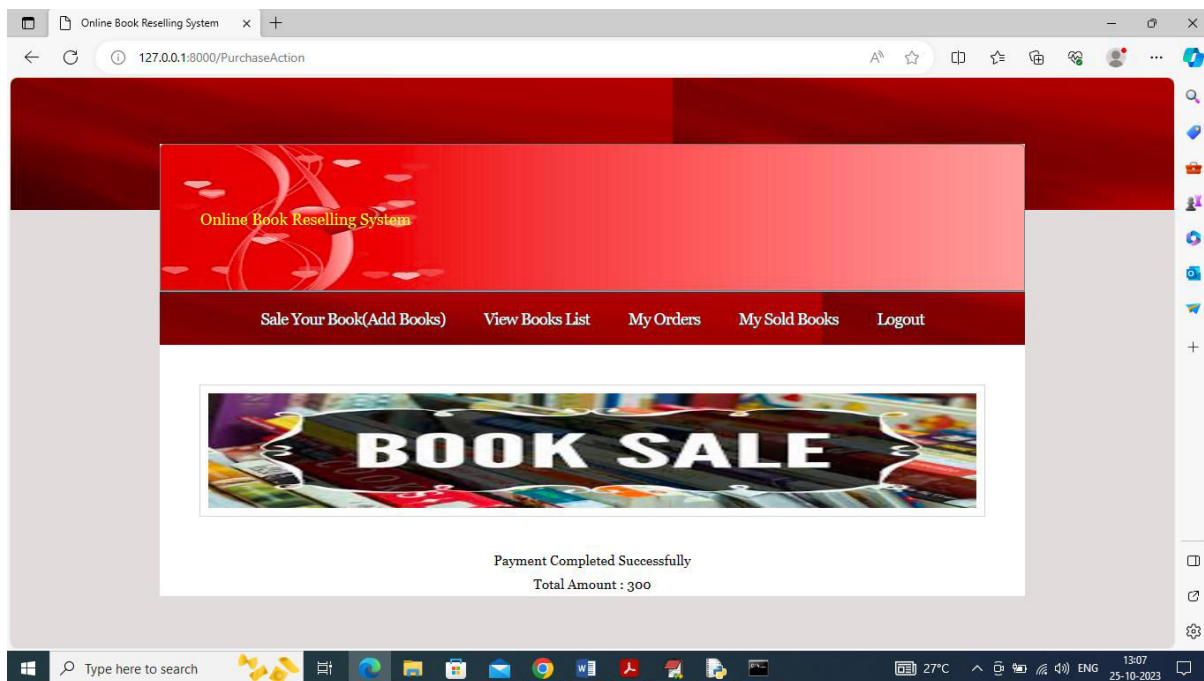


Fig: 5.12

In above screen payment is completed and now user can click on 'My Orders' link to view all his past transaction like below screen

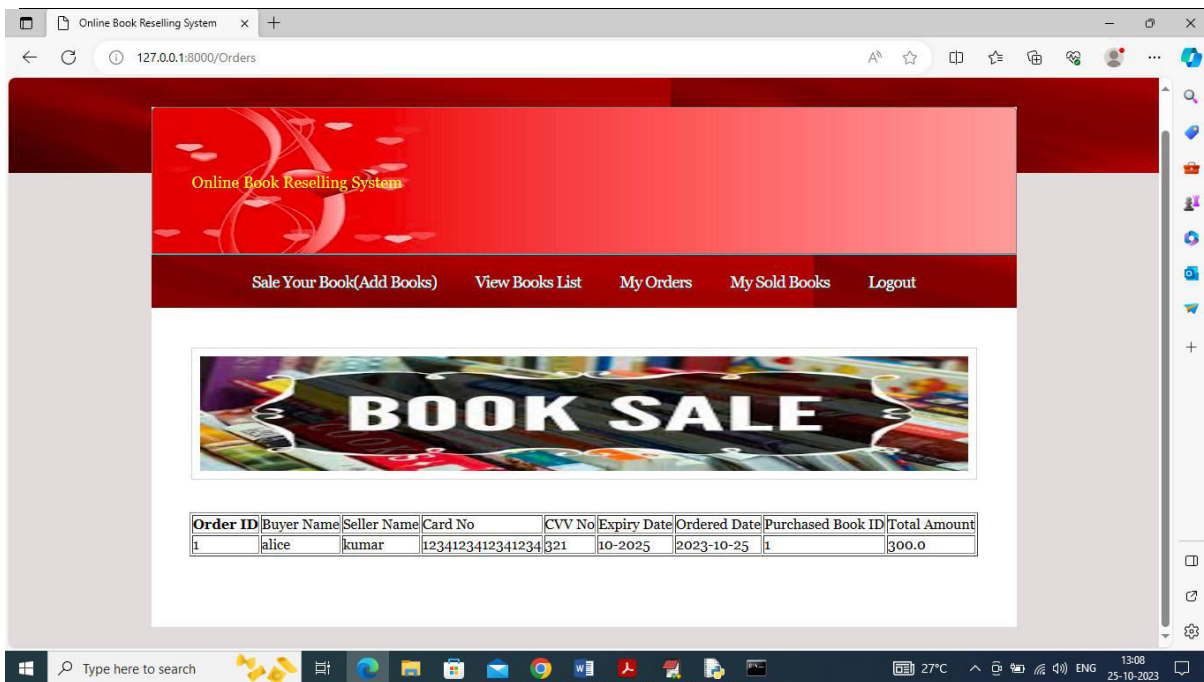


Fig: 5.13

In above screen buyer can view all his past transactions and similarly seller can view all his sold book details with buyer name and now logout and login as seller to view his sold books

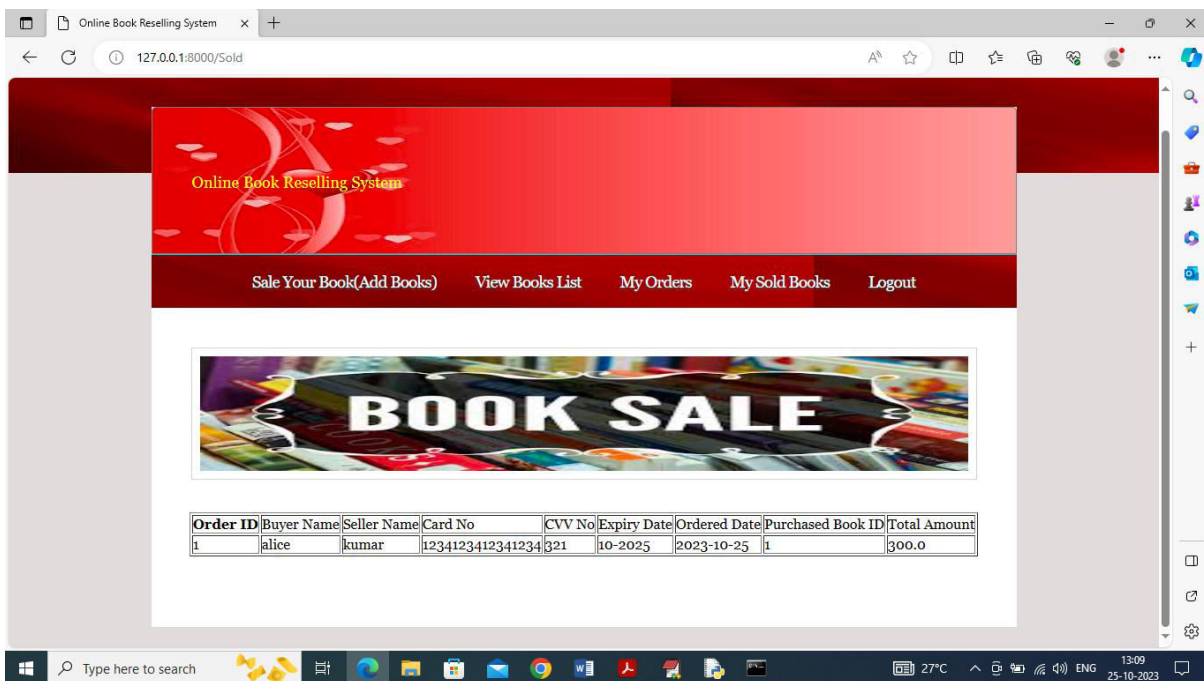


Fig:5.14

In above screen seller can view list of his book sold and now logout and login as ADMIN to view all details

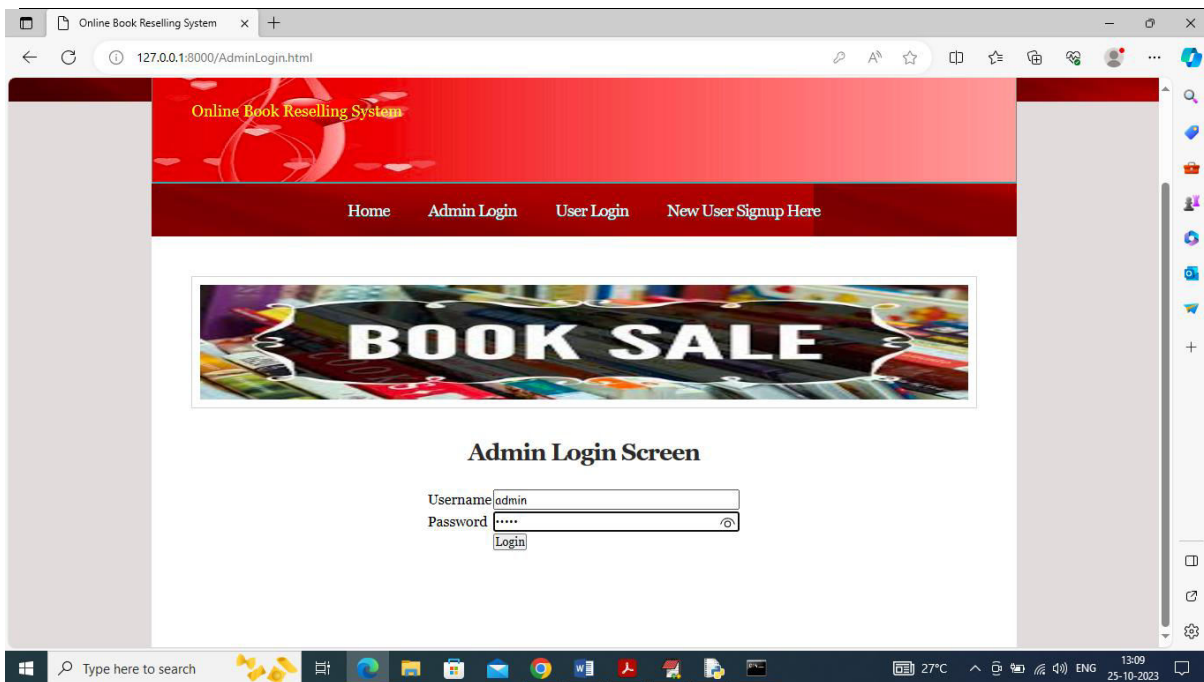


Fig: 5.15

In above screen admin is login and after login will get below page

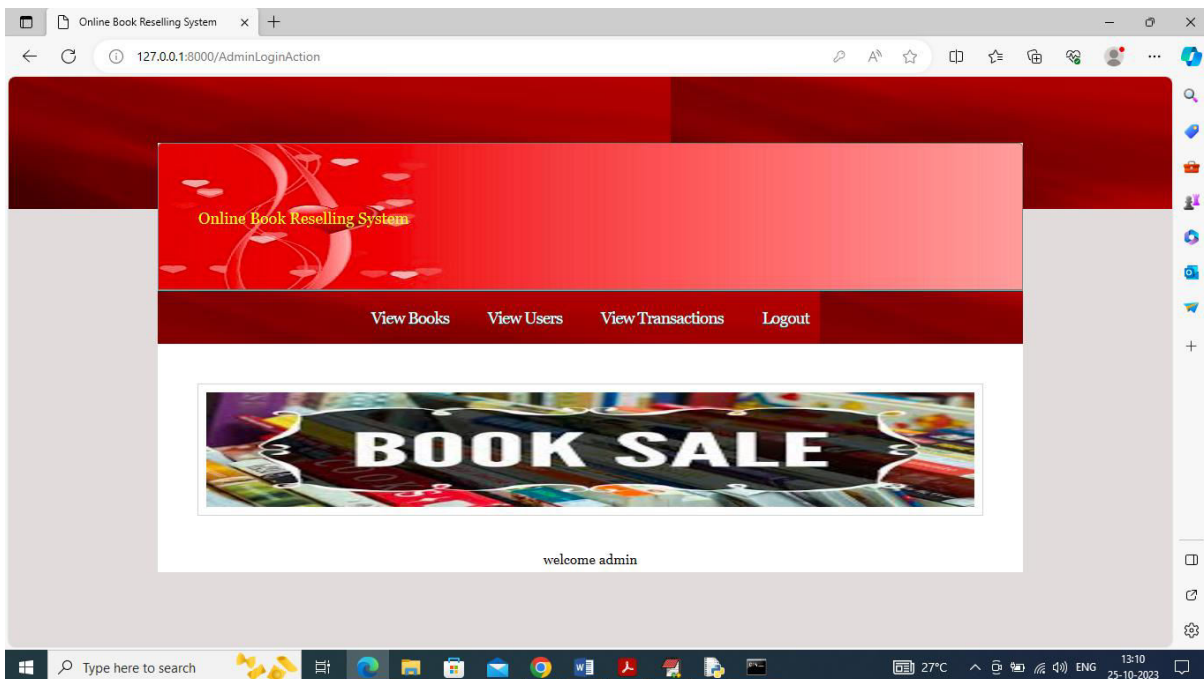


Fig:5.16

In above screen admin can click on 'View Books' link to view all book details like below screen

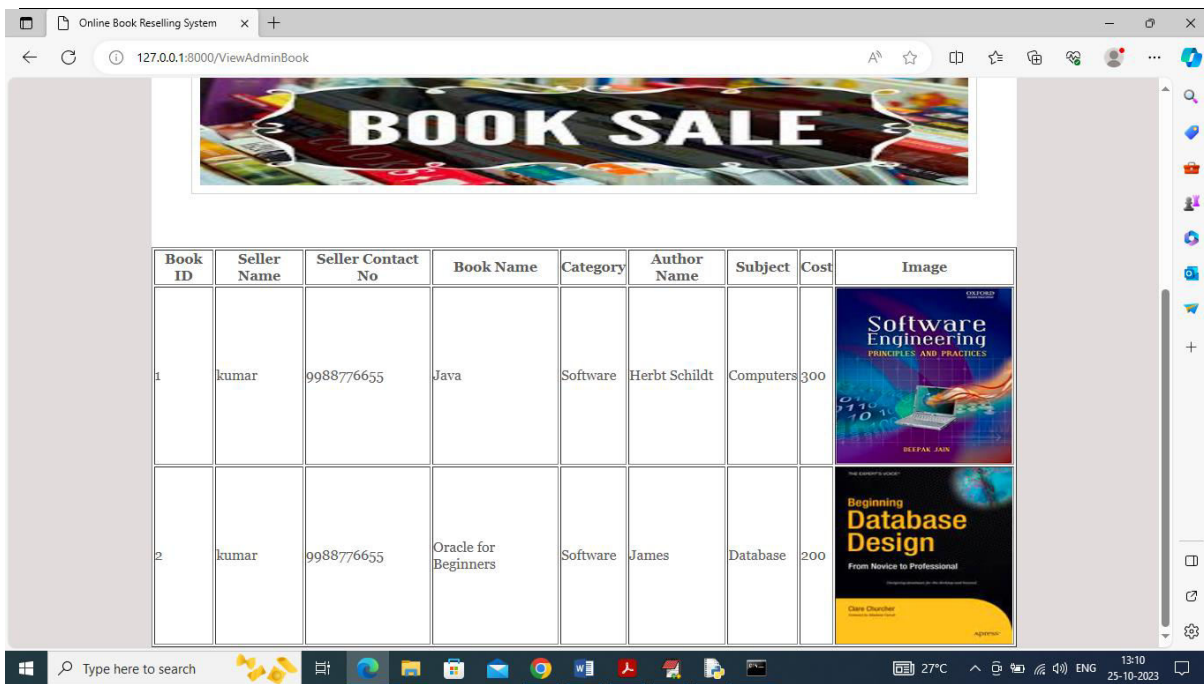


Fig:5.17

Now admin can click on 'View Users' link to get all registered user list like below page

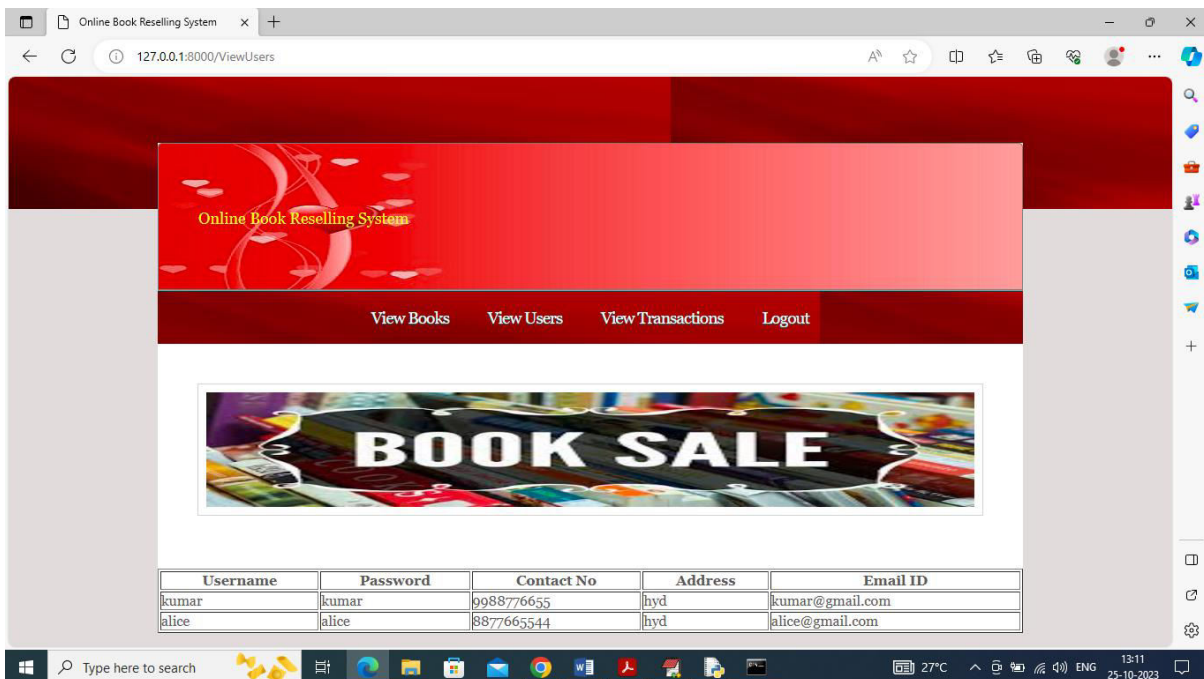


Fig:5.18

Now click on 'View Transactions' link so admin can view all purchase transactions like below page

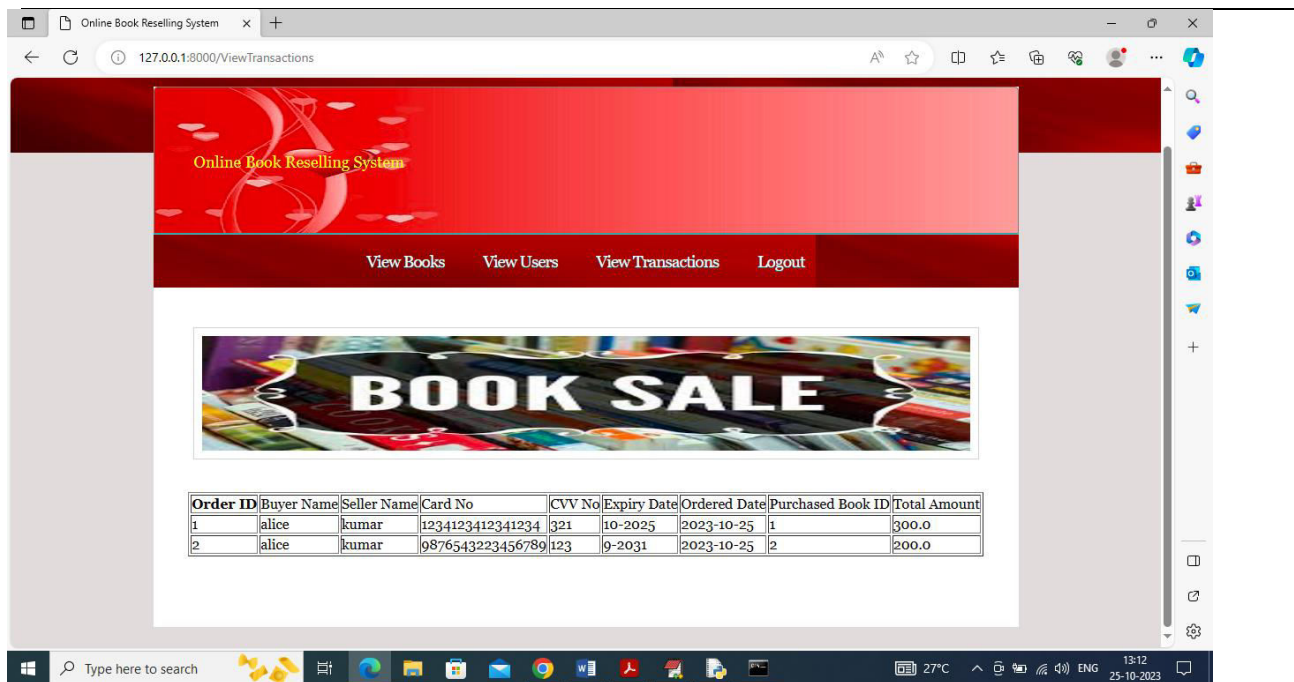


Fig:5.19

In above screen admin can view list of books purchase as transactions.

Similarly, by following above screens you can add and purchase books online

6. CONCLUSION AND FUTURE WORK

CONCLUSION

Conclusion:

In conclusion, the "Online Book Merchandise System" offers a modern and efficient solution for book enthusiasts to buy and sell second-hand books. By leveraging e-commerce principles, the platform contributes to a sustainable and community-driven approach to book consumption.

The online book merchandise system has come a long way since its inception, providing a convenient and accessible way for readers to discover and purchase books. As technology continues to evolve, the future of online book merchandise holds great promise. With personalized recommendations, immersive reading experiences, dynamic pricing, blockchain-based publishing, social reading, audiobook expansion, and accessibility features on the horizon, the online book industry is poised for significant growth and innovation.

7. REFERENCES

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