DESIGNING A WEB APPLICATION FOR ONLINE BOOK STORE

[1]*Mrs. Vrushali Shinde,* [2]*Miss. Ashwini Kamble,* [3]*Mr. Akash Pawale*

[1]*Research Student*   [2]*Assistant Professor*   [3]*Assistant Professor*
of Shahid Vir Patni Lakshmi Mahavidyalaya, Titave.
Shahid Veer Patni Lakshmi Mahavidyalaya, Titave.
[1]*COMPUTER Department, Titave India.*

Abstract— *Nowadays, the network plays an import role in people's life. In the process of the improvement of the people's living standard, people's demands of the life's quality and efficiency is higher, the traditional bookstore's inconvenience gradually emerge, and the online bookstore has gradually been used in public. The online bookstore is a revolution of book industry. The traditional bookstores' operation time, address and space is limited, so the types of books and books to find received a degree of restriction. But the online bookstore broke the management mode of traditional bookstore, as long as you have a computer, you can buy the book anywhere, saving time and effort, shortening the time of book selection link effectively. The online bookstore system based on the principle of provides convenience and service to people. This system uses features of collaborative filtering to produce efficient and effective recommendations. Collaborative recommendation is probably the most familiar, most widely implemented and most mature of the technologies. Collaborative recommender systems aggregate ratings of objects, recognize commonalities between users on the basis of their ratings, and generate new recommendations.*

Index Terms - book store, collaborative filtering, Recommendation System, Rating, traditional bookstore.

I. INTRODUCTION—

Online Book store is an online web application where the customer can purchase books online. The main objective of the project is to create an online book store that allows users to search and purchase a book online based on title, author and subject. The Online Book Store Website provides customers with online shopping through a web browser. A customer can, create, sign in to his account, place items into a shopping cart and purchase using his credit card details. The Administrator will have additional functionalities when compared to the common user. He can add, delete and update the book details, book categories, member information and also confirm a placed order. This application is developed using Php, MySql program The Master page, data sets, data grids, user controls are used to develop the Online Book store.

The main objective of the project is to create an online book store that allows users to search and purchase a book based on title, author and subject. The selected books are displayed in a tabular format and the user can order their books online through credit card payment. The Administrator will have additional functionalities when compared to the common user. The motivation to create this project has many sources • Interest to develop a good user friendly website with many online transactions using a database. • To increase my knowledge horizon in technologies like .NET, SQL, CSS, HTML. • To gain good experience in .NET before joining in a full time job. • To gain expertise using Data Grid, Data Set, Data Table, Data Adapter .

II. REVIEW OF LITERATURE

A lot of websites and applications can be found when we search the google which aredeveloped for learning purposes. But there is ambiguity in choosing the appropriate contentin appropriate time. Some websites has been developed which consists of stories, novels,essays etc. Similarly, some personal blogs and websites are developed for studying purpose.Electronic Commerce (e-commerce) applications support the interaction between different parties participating in a commerce transaction via theÂ 24 Sep 2017 Shop new, used, rare,and out-of-print books. literature review for online bookstore. prototype provides a guideline in developing a real system of Online Ordering

Book based on user's perspective, particularly in the perspective of academic will be handled by the university's book store. However, the ordering is still done manually. Based on literature reviews and web site reviews of other universities. This research was undertaken to provide background for the SCONUL and Jisc eBook Co-Design Project. Since the 1980's, when e-books first Theidea of this review paper, begins from writer's disappointment about online bookstore service quality in. Indonesia. Which is, as a consumer in several transactions with the online bookstore. In overall, the writer's did not satisfied towards their services. Lions Villa Probation Hostel Gate Pass Management System at Coimbatore Campus Amrita The Computerized Gate Pass Management System 27 Sep 2017. Also includes introduction tometa-analysis. Relevant to students from any discipline. Includes contributions from both a professor and a librarian.[2]

According to a software development firm, an e-catalogue delivers vital information about product specifications to potential customers. It makes it easier for potential customers to find the items they want in the format they want. It is the ideal and ideal product catalogue because it does not require printing, has no number or color restrictions, and does not require distribution. The system is described as self-updatable in a few simple clicks, with the content in the e-catalogue always being accurate and, best of all, requiring no reprinting. Furthermore, the e-catalogue promotes the products on its own, with greater interactivity, consumer personalization, and even a shopping cart for inquiries.

MPH Online, Book Depository, and Amazon are few of the most popular online shopping sites that employ an e-catalogue to display their products. The website lists the many types of books that are available. The book cover can be found on the left side of the main frame, as well as the book 13 description, which includes information such as the title, author, price, and number of volumes left to be sold, as well as customer rating

III.EXISTING SYSTEM & PROPOSED SYSTEM—

➢ **EXISTING SYSTEM:**

In the existing system the exams are done only manually but in proposed system we have to computerize the exams using the application.
- *Lack of security data.*
- *More man power.*
- *Time consuming.*
- *Consumes large volume of pare work*

➢ **PROPOSED SYSTEM:**

In this Application you can view any book very easily online. You can purchase online books by selecting any payment gateway like pay-pall or money wire. This is controlled by a admin who have full control over all the books. All the books are stored into the Database. so, there is fill security of theft of payment etc.

Online bookstore provides a platform where all the books are kept in an arranged way and you can choose your required book by just selecting it from the store. after selecting book and view all the description such as name of book, name of author and price, user can make payment of it in order to get it.

To shop while being in the comfort of your own home, without having to step out of the door. Self at lower rate due to less overhead. Provide home delivery free of cost No wait to see the products if someone else are taking that..

The Online Book Store is an easy to maintain, ready to run, scalable, affordable, and reliable cost saving tool from Software Associates suited for small,medium,and large shopping complex and shopping mall. The proposed system can be used even by the native users and it does not require any educational level, experience, and technical expertise in computer field but it will be of good user if the user has the good knowledge of how to operate a donor and make contact with him/her This system's user interface will be simple and user-friendly, and the target system is Android. At the moment, we are trying to avoid the major source of waste in India, which is food. Weintend and anticipate updating and refining the same, which will increase the efficiency and utility of the application, which includes books, stationary, clothing, and so on.

The main objective of the project is to create an online book store that allows users to search and purchase a book based on title, author and subject.

Feature Benefits:
- *Provides the searching facilities based on various factors. Suchas Books, payment, Delivery.*

Bills.

■   *The transaction are executed in off-line mode. Hence on-line data for books, Customer capture and modification is not possible.*

■   *It tracks all the information of Customer, Stock, Delivery etc.*

■   *Manage the information of customer.*

■   *Shows the information and description of the Books, payment*

The three logical tiers are :-
• Presentation tier – Php Web forms, Master Pages, Images.
• Middle tier – php/C#/HTML classes.
• Data tier- Database My Sql

The foremost reason for thinking about three-tier architecture for the Online Book store is as follows:
Flexibility:
• Management of information is impartial from the physical storage support,
• Maintenance of the commercial enterprise common sense is easier,
• Migration to new graphical environments is faster.
• If there is a minor trade in the business logic, we don't have to deploy the complete machine in individual user's PCs.
Reusability:
• Reusability of business good judgment is greater for the presentation layer. As this issue is developed and tested, we can use it in any other task and would be helpful for future use.

IV.MODULES

☐   ***Login &Registration***

This section involves both the admin and the user logging in and registering. By creating a separate account for each user, the user's information is kept private. The agent can only view the details of the registered guest at the same time.

•   ***Books Database****: The e book database includes records about all books in the website such as title, author, ISBN, price etc. The search and looking technique encompass database get right of entry to for retrieving books' information.*

☐   ***Admin Module:*** *The Administrator will have additional functionalities when compared to the common user. He can add, delete and update the book details, book categories, member information and also confirm a placed order*

☐   ***User:*** *The Online Book Store Website provides customers with online shopping through a web browser. A customer can, create, sign in to his account, place items into a shopping cart and purchase using his credit card details. e book at a time. The user must add the book to the buying cart before proceeding to buy it.*

•   ***Payment****: The buy method consists of three primary steps: Filling the form: the person need to enter deposit card information. Validating input: the device checks the validity of the enter information Delivering the book.*

•   ***Adding to Cart:*** *The buying cart machine shops the customers' order and permit the purchase of extra than one book at a time. The user must add the book to the buying cart before proceeding to buy it.*

Methodology & Analysis

Software context: - To advance this software we will require php as improvement language. MYSQL will be the back cease of our application. All this software is free of cost.

Software Interface Description: - This task is a website that acts as a central e book store. This web assignment is developed the use of php/C#/HTML as the front end and sql as a back-end. In order to supply greatest overall performance and keep away from site crash the machine wants to be hosted on a cloud infrastructure

System User Analysis: - The on-line bookstore's essential customers are divided into two categories, one is the the front user, one is the heritage user. Front-end customers are ordinarily clients who eat online bookstores. Front-end users can register, login, query, be part of shopping cart, vicinity orders, put up orders, alter personal information, verify receipt and add remarks on the website. Back-End can add, regulate or delete the e book classification; add, adjust or delete the e book information, manipulate the order facts and reply to the user's comments. The consumer is the administrator, the administrator to play the function of basic planning, grasp and manage the front records and so on.

System analysis: It is a process of gathering and interpreting facts, diagnosing problems and the information about the online book store to recommend improvements on the system.it is a problem-solving activity that requires intensive communication between the system users and system developers. The system analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed.
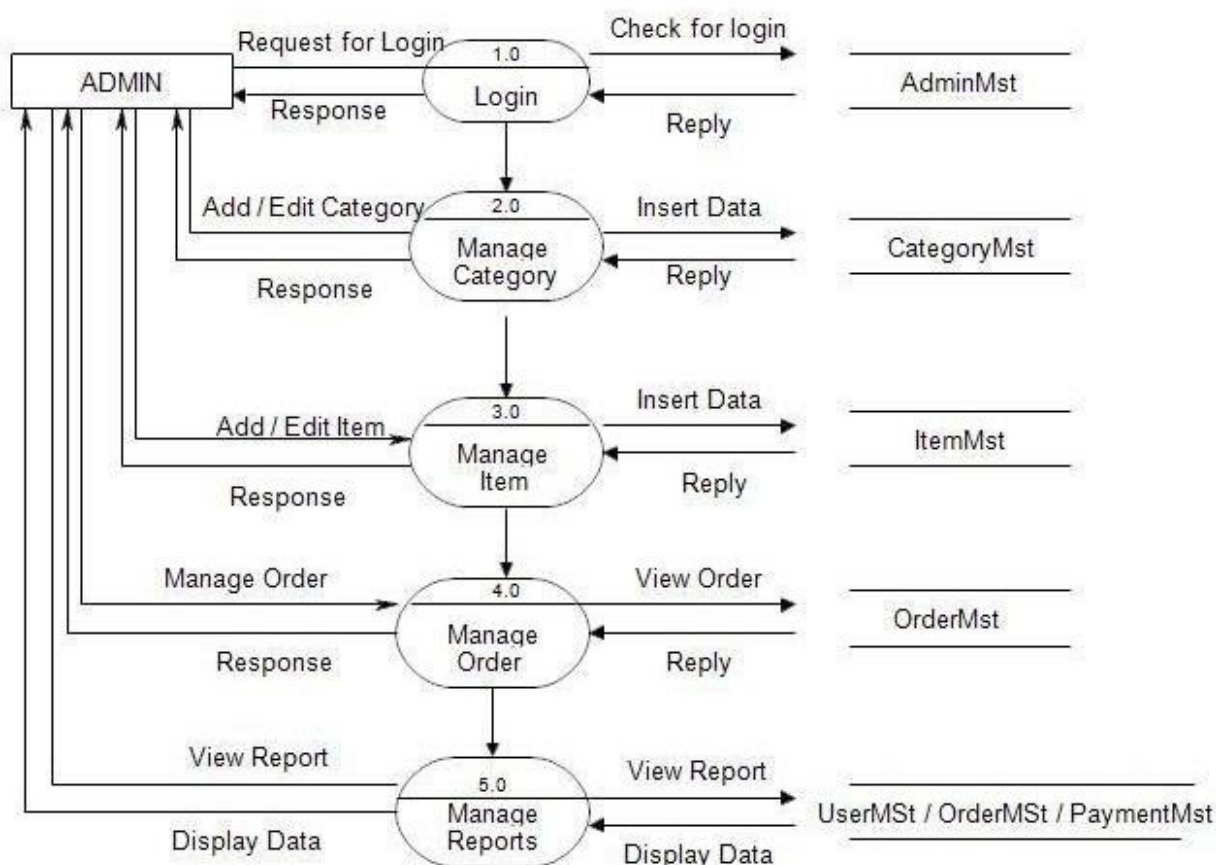

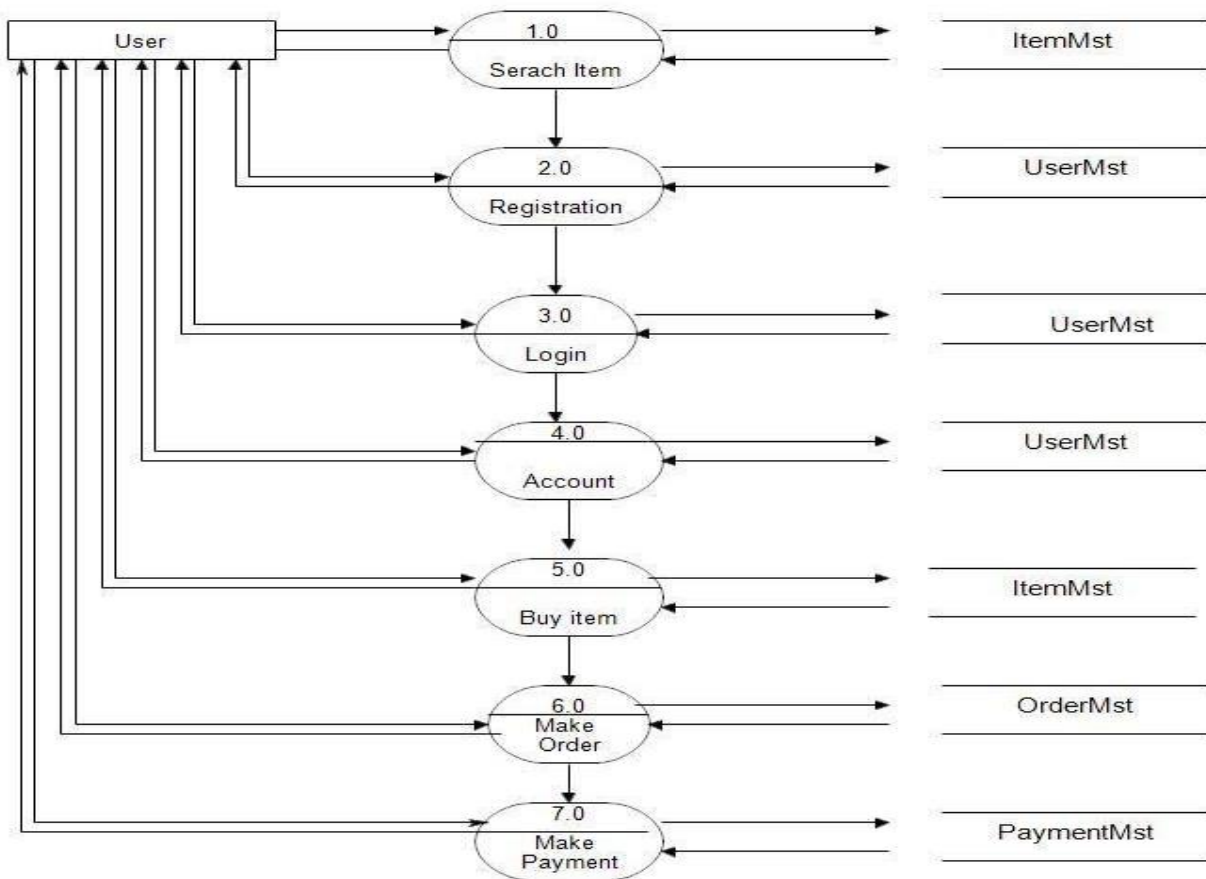*Fig.1 Admin Level Architecture*
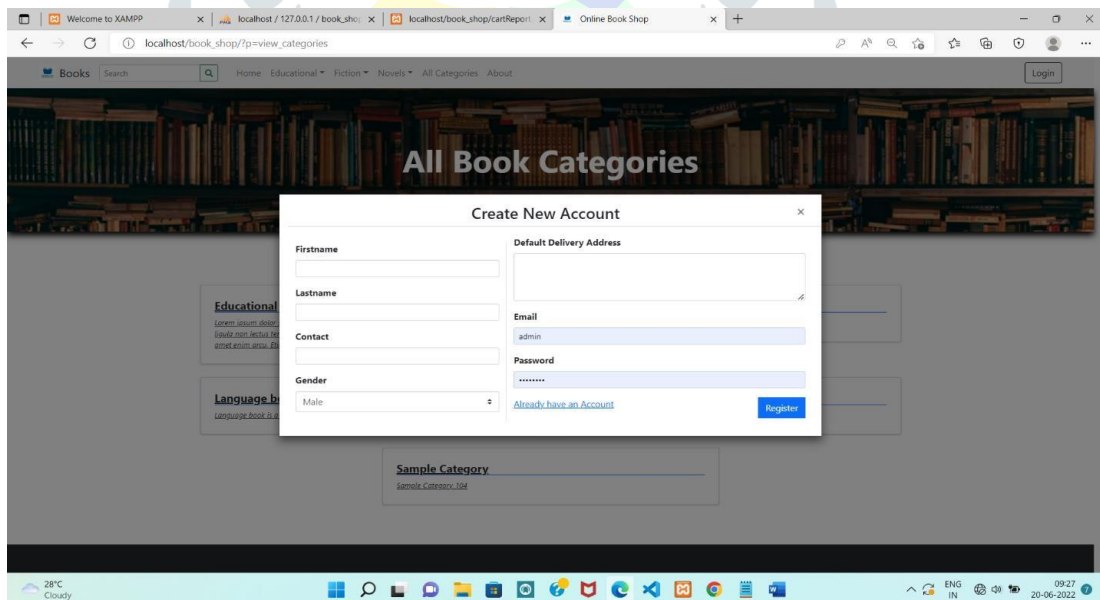
Fig.2 User Level DFD

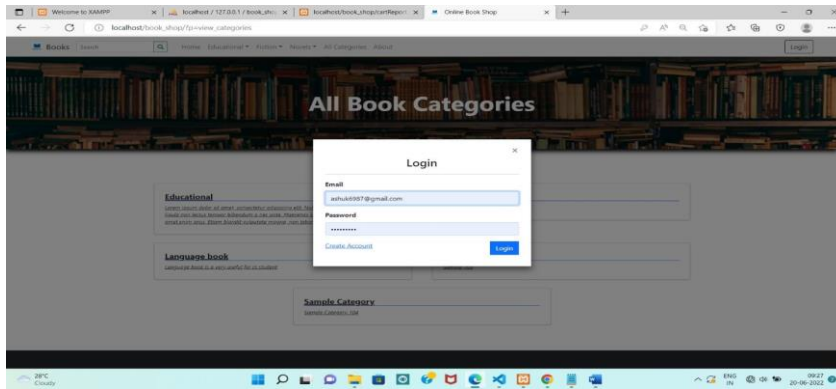# VI. RESULTS AND DISCUSSION

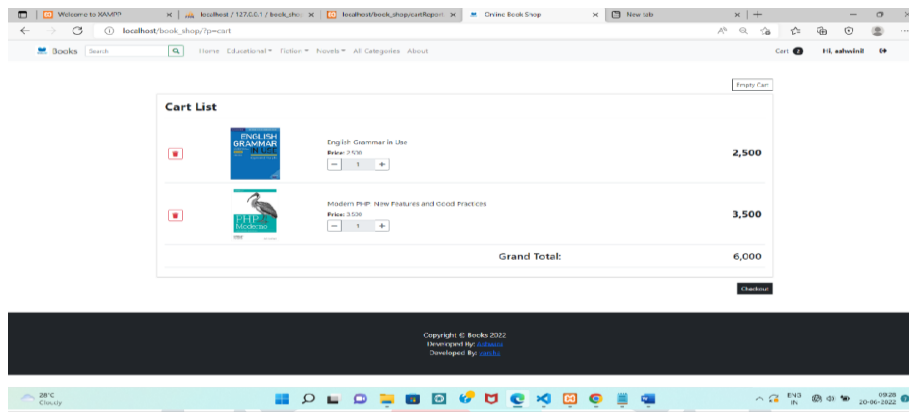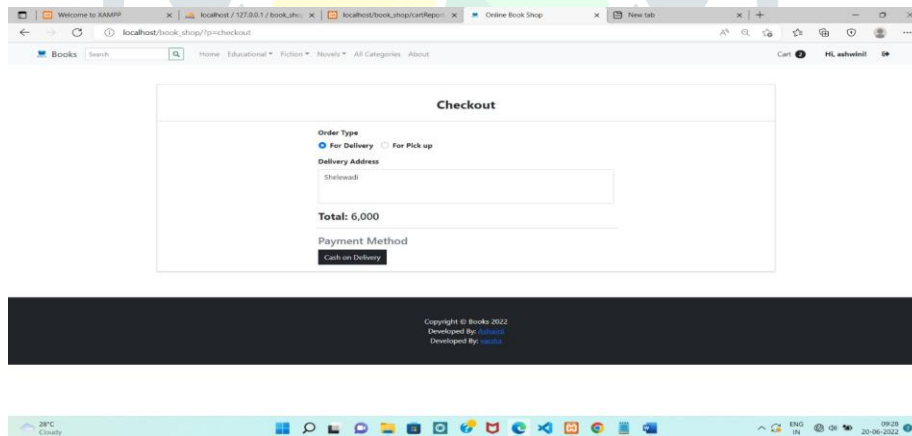
Fig.3 User Registration

Fig.4   User Login

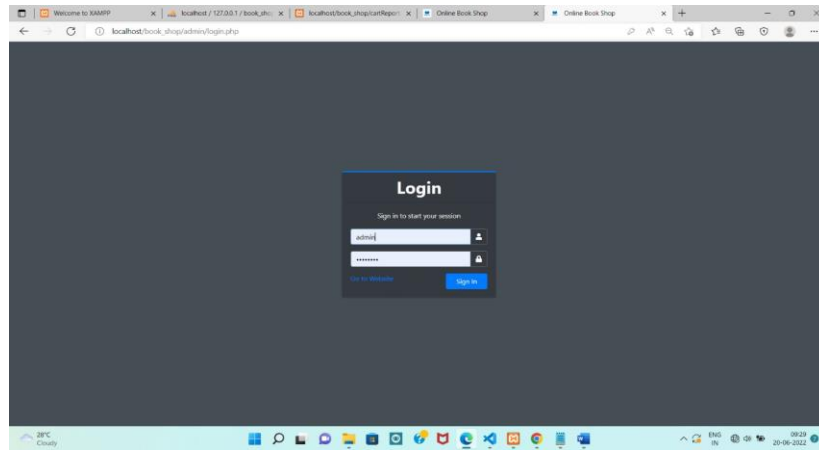*Fig.5 Cart List*

Fig.6   Payment
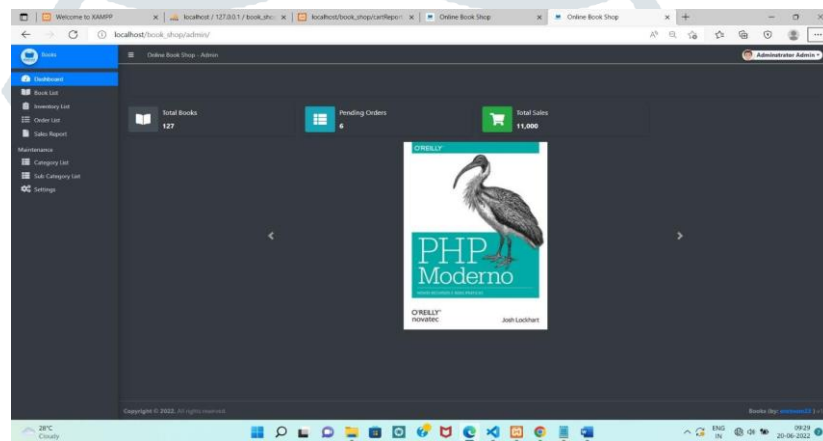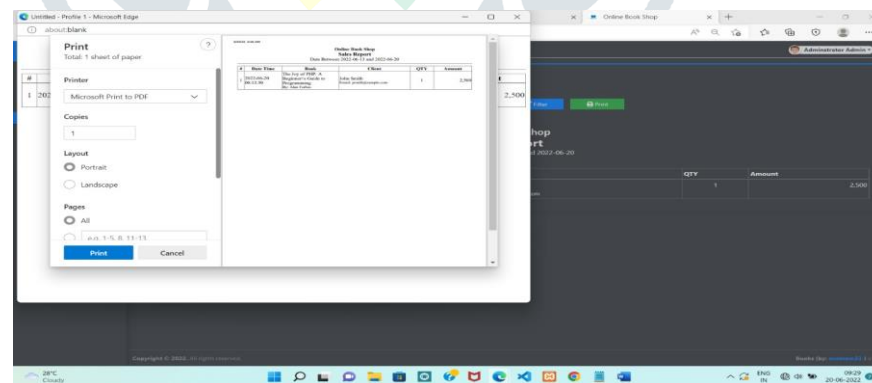
Fig.7 Admin Login

Fig.8 Admin Dashboard

Fig.9 Print

The machine is a widespread hobby for reading and books on the needs of the customer client base, with a positive diploma of sensible on-line book shop system. It is usually one of a kind from the traditional bodily bookstores, to overcome a sequence of bodily bookstores constrained variety, fixed location, restricted space and slender sales channels and other issues, for people to purchase the book has delivered convenience. Online bookstore device no longer solely can effortlessly find the data and purchase books, and the working stipulations are simple, user-friendly, to a large extent to solve real-life problems in the purchase of books, but the plan of the device because of the completion time Of the restrictions, some of the features of the device is not perfect, but the basic functions have been achieved.

VII. CONCLUSION

Online book store is an online web application where the customer can purchase book online. Through a web browser the customer can search for a bookby its title or author, later can add to the shopping cart and finally purchase the book.

VIII. ACKNOWLEDGEMENTS

IX .REFERENCES

[1] Bakos, J. Y. (1997). Reducing buyer search costs: Implications for electronic marketplaces. Management Science 43(12) 1613-1630.

[2] Carbaugh, R., & Ghosh, K. (2005). Are college textbooks priced fairly? Challenge, 48 (5), 95- 112.

[3] Carlson, S. (2005). Online textbooks fail to make the grade, Chronicle of Higher Education, 51 (23), A35- A36.

[4] Chevalier, J., & Goolsbee, A. (2003). Measuring prices and price competition online:Amazon.com and BarnesandNoble.com. Quantitative Marketing and Economics, 203–222

. [5] Krey, N., Clow, K.E., & Babin, L.A. (2009). Buying and selling of college textbooks by students: