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PUSTAKALAYA- AN e-BOOK STORE

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Abstract: The main objective of our project is to create an online library that allows Users to search or purchase any book online based on title, author and publisher. The selected books are listed and the user can order their preferred books online through various payment modes like Credit Card/Debit Card, UPI, COD, etc. This website will enable the users to read/download/purchase any books online of their choice without physically visiting to any book store. The online bookstore has the capability to revolutionize this book industry. This comes with unprecedented conveniences like buying/reading books anytime anywhere with the help of a computer; also the store would be operational 24/7.

Keywords- E-Commerce, Online Book Sale, Website, Buying/Reading Books.

1. INTRODUCTION:

1.1 Background: In this era of globalization infused and enhanced with technology the reading community too will have its share and e-commerce will help the authors reach book lovers? Various advantages of this model include cost savings, flexible timings, improved service efficiency, and better suggestions that can be achieved with the help of machine learning. It very effectively keeps tabs on payments and orders and the statistics can help us understand market trends with respect to genres etc. The consumers can immediately express their anticipations and reviews on social media platforms via share buttons which help garner organic publicity for authors.

1.2 Significance: The customers are no more blind sighted when purchasing the books as they will be reviewed and rated by their former readers instead of the cover page or media hype as in the olden days. The customers can search the book by its name in the search bar and also be made aware of more books in the same genre giving them a wide variety of options to choose from. The improved trend analysis and statistics can help authors to know what the readers exactly crave for and therefore help in making better content for books and marketing strategies. Thus, the online bookstore will reduce costs, save time, improve logistics and enhance convenience.

1.3 Technology used: HTML and PHP language are used for the design and implementation of the webpage of the project. MYSQL is used for creating the database of the system. XAMPP is used as interface between client-server communications.

2. MARKET ANALYSIS:

2.1 Current Situation: The current process of online bookstores has different stages like the embryonic stage, development stage, mature stage, and the prosperous stage. Currently the types of online bookstores are varied, including online bookstore, book sales, online bookstore etc. In India current size of the online book market is estimated to be about 70crore in annual sales and it is increasing at the rate of 50% year on year

2.2 User Analysis: For the frontend users who consume online bookstores. They can register, login, place orders, submit orders, modify their information, confirm receipt and add comments on the website. Users also experience savings with discounts on MRP.

2.3 System Analysis: The system is operational in a network virtually and not physically and to improve its efficiency we can opt for a multiple condition query. Additionally for background management, Admin can log in through the corresponding Website, after the classification of the book catalog and book information to add, modify and delete, but also the order information management, such as any changes in the existing orders. Admin can also reply to the user's comments, you can reply to each comment, for the client's book details page to be displayed.

3. SYSTEM VIABILITY:

3.1 Economic: Economic feasibility is the most important criterion for determining the final market position of the website, hence the need for a better economic feasibility analysis for a better management and implementation. Most of the tools used here are free and hence the major investment here becomes that of skill and effort without any other recurring costs hence the system is quite feasible.

3.2 Operational: The interface is simple and easy to use and quite reader-friendly. The search query includes a simple listing of the name of the required book the request along with other books of the similar genre will be shown.

4. THE DETAILED SYSTEM DESIGN:

4.1.1. The Development Environment:

1. Operating system: Windows 7 or more

2. Software: WordPress, Xampp.

3. Programming Languages Used: HTML & PHP

4. Browser: Firefox, Google, IE, 360

4.1.2   The Front-End Module (User Module):

1. **User Registration/Login:** Users can register themselves, and once logged in; they can modify their personal details like password, address, card payment details, Wishlist, Orders under the My Account Tab in the Header Menu.

2. **Category Management:** The header menu displays the Shop by Category, which is a mega menu containing categories such as

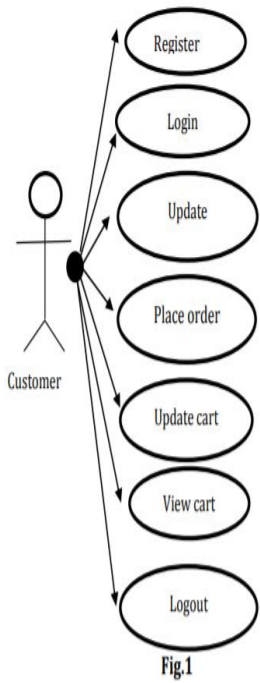Authors, Publishers, Genre, and their sub-categories.

Fig.1

3. **Book Display:** Users can search for books using advanced queries (such as title, author, and publisher), search for books by category, view book details, and more.

4. **Wishlist/Cart Management:** Keeping the book in the Wishlist that Users are interested in for later viewing & purchasing, and if Users want to buy it, they can add it to the cart, and in the cart they can modify the number of books, or they can delete the item from the cart.

5. **Order Management:** Users can place an order by confirming the details, manage an existing order, and cancel it. Following the completion of the transaction, you can evaluate the book and display it on the Book Details page.
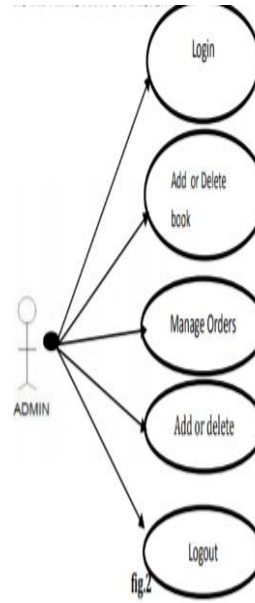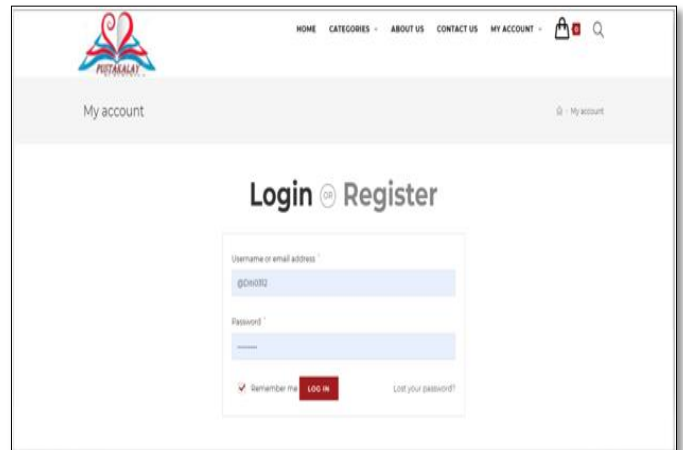
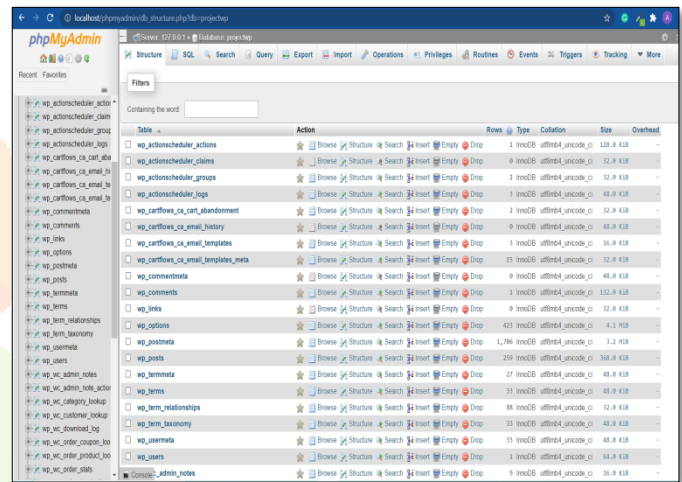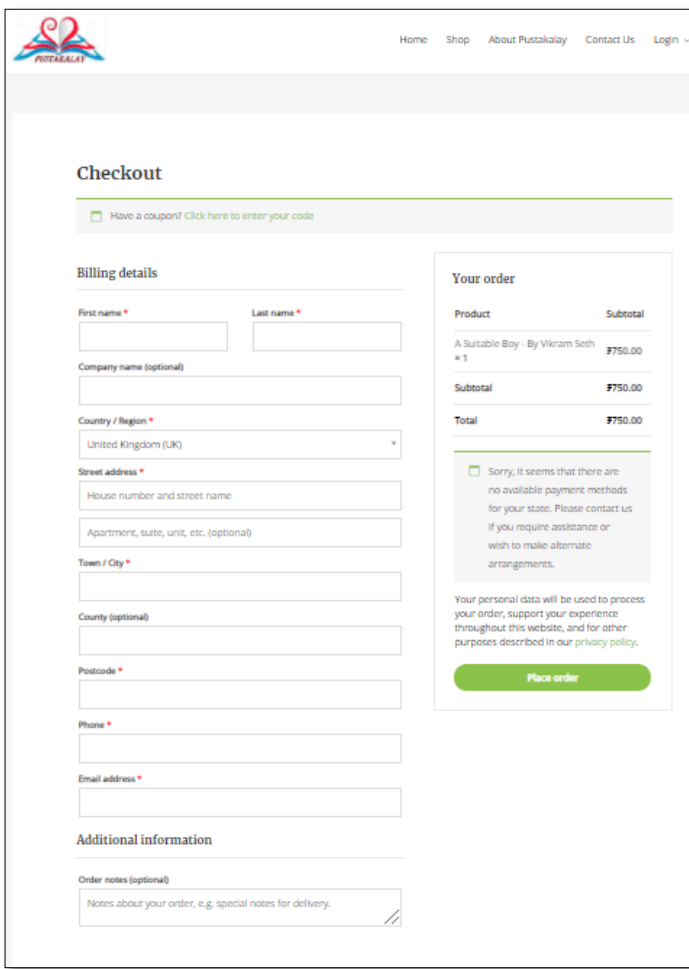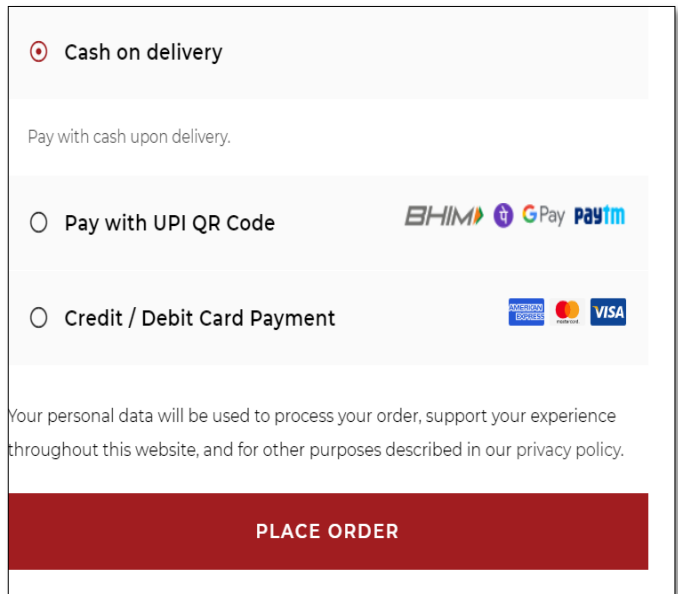### 4.1.3 Back-End Module Function (Admin Module):

fig.2

1. **Category Management:** View Category, Add a Category, Modify the Primary Category of a Secondary Category, Delete the Primary Category of a Secondary Category.

2. **Books Management:** Admin have the same functionality as users when it comes to searching for books, but Admin can also control book information such as adding books, editing book information, and deleting book information.

3. **Order Management:** View orders by order status, view order details, cancel orders before shipping and ship orders after buyer payment.

4. **Review Management:** Administrators can see all of the consumer reviews for the book and add a response to any of them, which will be displayed on the Book Details page.

5. RESULT:

6. CONCLUSION:

Through this Paper we came to know that with the continual increase of personally owned electronic gadgets e-books will continue to flourish and grow. This project and all such efforts are made to drastically increase convenience of the end user and rid him of the toils of limited variety, proximity to the physical bookstore and rigid timings.

This proposed system can help the user make well informed choices with a simple to use interface and will help solve real life issues regarding book purchases to a large extent. Although the demand for e-books is increasing, a vast plethora of readers still prefer hardcopies and the current data indicates that both these systems will go hand in hand.

The proposed system provides a platform to view the books online and can purchase them.The system is efficient in maintaining customer's details, reduces the workload of the shopkeeper to know the quantity of books available and also keeps the records of how many books are purchased and sold.

7. FUTURE ENHANCEMENT:

New features could be added to this project for making this project more productive, reusable and flexible which includes online payment service and hybrid recommendation.

Much new functionality like reselling second-hand books or Vendor login can be included in this project.

8. REFERENCES:

[1].Dan Deng. The Operating Mode and Development Prospect of China's Online Bookstore.EntrepreneurWorld,2013,(4):110-111.Jie Liu. Design and Implementation of Online Bookstore Based on JSP and Java Bean Technology. Modern Information,2015,(12):42-47.

[2].Jie Liu.Design and Implementation of Online Bookstore Based on JSP and Java Bean Technology. Modern Information,2015,(12):42-47.

[3]. Lingxi Meng. Design of Online Bookstore System Based on B2C Model.Value engineering,2011,(36):101-102.

[4]. Paz J R G. Ajax and jQuery.Beginning Asp Net Mvc,2013,(3):11-13.

[5]. Pew Research Center (2014),""E-Reading Rises as Device Ownership Jumps", Pew Research Center.

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