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An Online Bookstore Application

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ABSTRACT: Nowadays, the network plays an important 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 more higher, the traditional bookstore's inconvenience gradually emerge, and the online bookstore has gradually be 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.

KEYWORDS: Front End Development; Database Back End Technology; Laravel-PHP Framework.

I. INTRODUCTION

The 'Online E-commerce Web application' Services department strives to provide solutions to develop and transfer easy and efficient way in the digital age and to help reduce the human pressure and time. To help support shop collections, the digital initiatives, and external partner institution digital projects, it provides services that include the digitization of analog objects, metadata management, digital preservation, and discovery and access of digital collections. "Shop Management System" is a web application written for all operating systems, designed to help users maintain and organize shop virtually. This software is easy to use for both beginners and advanced users. It features a familiar and well thought-out, an attractive user interface, combined with strong searching Insertion and reporting capabilities. The report generation facility of shop system helps to get a good idea of which are the various items brought by the members, makes users possible to get the product easily.

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II. BACKGROUND

Online Book store is an online web application where the customer can purchase books online. Through a web browser the customers can search for a book by its title or author. The user can login using his account details or new customers can set up an account very quickly. They should give the details of their name, contact number and shipping address. The different seller can also create an account by adding details and can add books to sell. The books are divided into many categories based on subject Like Software, Database, English, Architecture etc.

This project has the following functionalities:

2.1 A Home page with product catalog

This is the page where the user will be navigated after a successful login. It will display all the book categories and will have a search keyword option to search for the required book. It also includes some special sections like recommended titles, weekly special books.

2.2 Search

A search by keyword option is provided to the user using a textbox. The keyword to be entered should be the book title.

2.3 Advanced Search

Advanced search helps the user to search for a book based on Title, Author, Category and price range. All the books

which match the particular search criteria and their total count will be displayed .

2.4 Book Description

If the user would like to know details about a book he can click on the title from where he will be directed to a Book description page. Seller will add book description with the price and condition of the book.

2.5 Seller

The seller can sell the books by adding books details and description. The seller has to create account and then the seller can add book image and book description with the price. The book will be displayed to customer on home page.

2.6 Chat with Seller

If customer has to purchase a book then the customer has to chat with the seller. Customer has to create an account and then can buy a book. Customer can share there address for the delivery of the book at the door step.

2.7 Managing user accounts

Each user should have an account to access all the functionalities of website. User can login using login page and logout using the logout page. All the user sessions will be saved in the database.

2.8 Administration

The Administrator will be provided with special functionalities like

- Add or delete a book category
- Add or delete a member
- Manage member orders.
- Add or delete a Credit Card type.

III. LITERATURE SURVEY

- 1. Title of the paper:**Online bookstore - A new trend in textbook sales management for services marketing
Author Name:Prathamesh Muzumdar
Journal Name & Year of publication: Journal of Management and Marketing Research 2010
Abstract: The research study explores the phenomenon of increase in the use of online medium for Text-Book Sales. The study uses the basics of commerce transactions, incorporating them into a Mode to Explain their effects on different mediums of textbook sale.
Advantages: The medium of internet over traditional approach
Disadvantages: Limited inventory affects the availability.
- 2. Title of the paper:** Developing An E-commerce Website
Author Name:Syed Emdad Ullah, Tania Alauddin, Hasan U.Zaman
Journal Name & Year of publication: IEEE 2016
Abstract: In this era of internet, e-commerce is growing by leaps and bounds keeping the growth of brick-And Mortar businesses in the dust. In many cases, brick-and-mortar businesses are resorting to Having acounterpart which is internet or e-commerce driven
Advantages: E-commerce Website Becomes Profit
Disadvantages:They Cannot Say, Which E-commerce Web Gives Profit.

IV. PROPOSED WORK

Customers need to search on google and enter in web. Customer can also contact if any problem is faced. The customer can visit the site and purchase the used book according to their requirements and can chat with the seller. Buyer with chat with the seller if they want to purchase a book.

V. IMPLEMENTATION

This work is aimed at design and implementation of an online bookstore. This web application is developed using Laravel- the PHP Framework, front-end HTML, CSS, Javascript and Bootstrap and back-end PHP. The admin will manage the seller and buyer data. Admin will also add the books of different categories. The admin will manage the book order management, customer management and log in management. If user want to sell the book so he can sell the

book through the website. The user can become seller. The seller has to log in and add the books detail and price. The seller can also add their second hand books which can come in reusable. The seller can add the price according to their own decision. The user can search the books of different categories such as novels, magazines, story books and all different types of books available in online book store with the title of book and price. The buyer can add the books to add cart and can purchase later. The buyer has to add his details while purchasing a book such as name, address, contact number. The buyer has to chat with the seller. The book will be available to them within 3-4 days at their doorstep. The buyer can also give feedback by rating a score. The website has menu for search, contact, account details, contact and feedback.

5.1 Flow Chart



Fig 5.1 Flow Chart of online book

VI. RESULTS

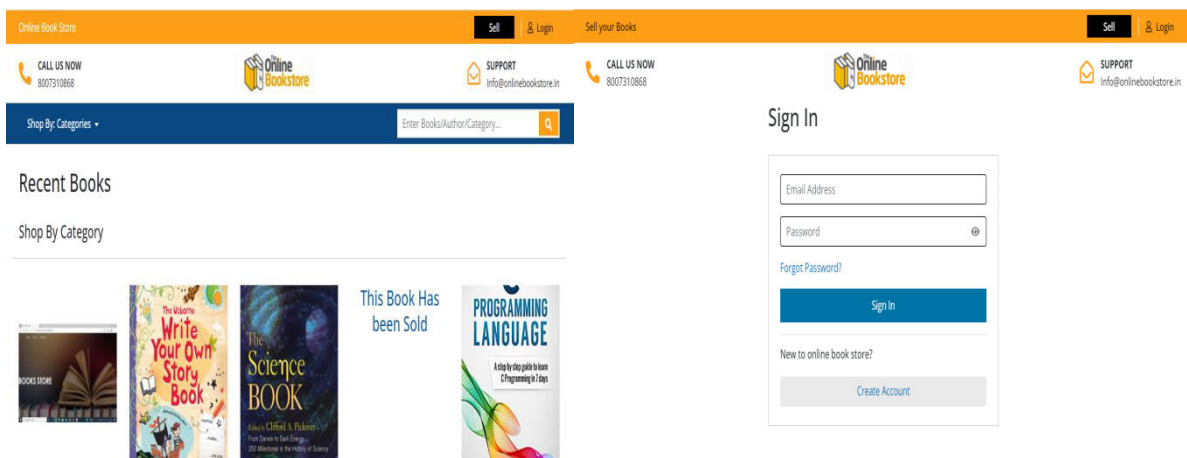


Fig.1. Book List

Fig.2. Sign In/Create Account

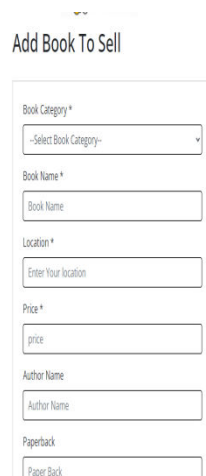


Fig.3.Seller Add Book to Sell



Fig.4.Buyer Chat with Seller/Details of Books

VII. CONCLUSIONS

Online bookstore has many advantages compared to its counterparts such as physical book store, the online bookstore allows its user to shop at one place where in physical store the books are scattered at the different places which consumes a lot of time and online bookstore helps in saving that time and it also avoids the problem of unavailability of books at physical store as numerous vendors from different places sell their books at one place. This project is efficient in maintaining users records and can perform operations on it, also reduces the work load on the shop owner of knowing the quantity of books available and which books are available and keeps the records of how many books are purchased and sold.

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BIOGRAPHY

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