



## BOOKLELO

**Anjitha Jose<sup>1</sup>, Agna Tharian<sup>2</sup>, Dona Mariya John<sup>3</sup>, Rosemary Varghese<sup>4</sup>**

<sup>1,2,3,4</sup>Dept. of Computer Science, Adi Shankara Institute of Engineering and Technology, Kalady, Kerala, India.

How to cite this paper:

Anjitha Jose<sup>1</sup>, Agna Tharian<sup>2</sup>, Dona Mariya John<sup>3</sup>,  
Rosemary Varghese<sup>4</sup>, "BOOKLELO",  
IJIRE-V3I03, 641-644.

Copyright © 2022 by author(s) and 5<sup>th</sup> Dimension  
Research Publication.

This work is licensed under the Creative  
Commons Attribution International License (CC  
BY 4.0). <http://creativecommons.org/licenses/by/4.0/>

**Abstract:** We've all been at the point where we have a huge pile of books that we're never going to read but don't want to throw them away. While some enjoy re-reading books, again and again, mostly a single read is more than enough, and then you're stuck with a big, bulky item that's no longer of use. Additionally, many of us book lovers find ourselves hesitating over paying high prices for a good read. We aim to create an application to promote and improve our habit of reading as well as reusing used books. This can be a great help to students during this COVID period. In this project there are two types of users, the first is an admin and the second is a normal user. Admin can add book details like a book author, book publications, book languages, categories, locations, FAQs, etc. Using this application user can easily donate, buy, or resell books according to the user's requirements. Here students can exchange their study materials or even donate them.

**Key Word:** Book reselling and donation.

### I. INTRODUCTION

This Online Book Reselling and Donation system is a form of an e-commerce website that allows the customer for buying, resell, and donate books directly from a seller according to their choice over the internet using a web browser. Customers can find a book by selecting a particular category from different book categories or by simply browsing through the available books. Customers can shop online using a range of different computers and devices, including desktops, laptops, tablets, and smartphones as their availability. The administrator will have additional functionalities when compared to the common user may be very time-consuming.

In this project, users can purchase a book, resell and donate online instead of going out to a bookstore and wasting time. There are many online book stores like Amazon Kindle, and e-readers that were designed using Html. Our team wants to develop a similar website but, in our website, we focus more on the donation section and the way of reusing the used books which is the most important part of our website. It will be a great help to the students from different colleges, universities, and departments. Booklelo is an online web application where the customer can buy, sell and donate books online. Through a web browser, the user can search for a book using the categories and purchase the books by contacting the seller.

Other features that can be provided include, recommendations based on their purchase and search history, and based on the highest-rated books. Most popular and rated books will be provided for fresh users as their recommendations.

### II. RELATED WORKS/ EXISTING METHOD

The traditional book purchasing procedure is not much efficient for shopkeepers as well as customers, as they have to deal with the people coming to their shops. Our existing methods can be mainly classified into two ways where the most popular one was you need to go to the shop and ask the shopkeeper for the book. If it's with him, then he will give you and demand money, which could be more than what's expected. The next is if you know any retailer or shopkeepers similar to any wholesale shops, you can directly contact him and ask him to give you those books at your place and take the money and extra convenience charges of our transportation. Both the methods are slow and cost you more sometimes if you are not much familiarized with marketing or purchasing any new thing. Also, people always prefer to stick to the places wherever they see their favourite author's new book with attractive covers prevailing in the market. But the only thing that matters is the cost of books. And so there comes the chance of rethinking it because many of us can't afford to buy new books every time.

#### Bookstore Management System

This is how it can be used as an information management system for the bookstore where people can order the books whenever they want and they don't have to bother about the location and transportation from the store. This system will help you to get the book from the store to your location. We can also make the payment after delivery of the book according to our preference.

- Members can register directly on the application for any kind of notification regarding old book sales and pay for the advance booking of any books. Shopkeepers can also broadcast their offers to others.

- If the shopkeeper and members do not have knowledge about the policies, then the admin can assist the user with this application and help him throughout the entire process.
- Admin will maintain the records and atomicity by using the proper table to save records so that no one can access it and make the data safe from members' perspectives as well as shopkeepers' perspectives by making it as private to the admin.
- Customers need not be bothered about their payment and without moving from their place or making so many phone calls they can make the payment.
- Customers can check about new information related to bookstores and books through the application which all things would be managed from the admin's end.

### **III. PROPOSED SYSTEM**

In the online book reselling and donation system, we create an online website for buying, reselling, and donating the book. Users can purchase the books without any hurdle by directly contacting the seller. Also, someone can add used books by registering and then selling or donating them. Online book shopping is a common way to sell, purchase and donate books through the net. It is an automated Books Management System. Through our website, the admin can add books, search for books, and update or edit info. Our proposed tool has the following advantages: In Our Website, we have got a unique feature called donation. With this donation feature, the seller can donate books of his/her choice to the charity. There is always a need for a tool that it will perform online book searching and purchase, according to lessons and categories.

Thus, there can be a huge need for an Online Second Hand Bookshop, BOOKLELO. After analysis, it's far required some of the assets to convert the precis tool into the real one. All the assets accomplish a robust. The hardware and software program application desire begins off evolved with requirement analysis, discovered via a request for the idea and provider evaluation. Software and real tool are identified. According to the furnished beneficial specification, all the generations and their capacities are identified. The Proposed system ensures complete freedom for users, where a user on his own system can log on to this website and can buy books. Our proposed system allows only registered users to order the product, and add or sell books. Here the customer can send their queries and suggestions through a feedback form. The admin can edit view them and make necessary updates. Admin can also view the added book, and sellers as well as edit them.

Basic competencies and approaches and methodologies are prepared for implementation. Some of the Basic requirements which consist of hardware and software program applications are described as follows: -

#### **Hardware and Software Specification**

##### **Software Requirements:**

- Technology: Python Django
- IDE: Pycharm
- Client-Side Technologies: HTML, CSS, JavaScript , Bootstrap
- Server Side Technologies: Python
- Data Base Server: Sqlite
- Operating System: Microsoft Windows/Linux

##### **Hardware Requirements:**

- Processor: Pentium-III (or) Higher
  - Ram: 64MB (or) Higher
- Hard disk: 80GB (or) Higher

##### **Modules Description:**

###### **1.User:**

Registration: Users should register first with their basic registration details including name, and mobile number, and need to form a sound login id and password.

Login: Using valid login credentials, the user must log in to the system so as access the system.

View Books: Once the user is logged into the, he/she may view all the added books with their details.

Buy Books: Users can purchase various books of their choice and buy them.

Add or Upload Books: The system allows user to sell their books online by adding the book name and its details.

My Orders: All the history of user purchases is displayed with details.

View Buyer: If any buyer is fascinated by buying a book or anyone buys a book from the user then the buyer's details are displayed.

Search: Users can search for the books in line with their categories.

## **2. Admin:**

View Books: Admin can view all the added books online with their details.

View User: All the registered user details are showed the admin

Dashboard: For the admin dashboard, you will be able to all the basic access in the whole system. Such as a summary of products, orders, and categories.

Manage Books: The admin has access to the books management information system. He can add, update and delete the books.

Manage Categories: The page where the admin can add, edit and delete categories information.

Manage Orders: As the main function of the admin, the admin can accept or reject the order from the customers on a case-to-case basis and the list of customer orders is listed.

Manage User: The admin can manage the user's account. Admin can add, update and Block users in the system.

Login and Logout: By default one of the security features of this system is the secure login and logout system.

### **Use Case Diagram:**

Use case diagram consists of use cases and actors and shows the interaction between them. The key points are:

The main purpose is to show the interaction between the use cases and the actor.

To represent the system requirement from the user's perspective.

The use cases are the functions that are to be performed in the module.



## **IV. FUTURE WORK**

Online Book Reselling & Donation system is an attempt to overcome the present time-consuming process of locating, issuing, and purchasing quality materials available as well as to reduce the inconvenience of paying huge prices to get a good read. Through automated book reselling and donation system, it provides an easy way of searching, keeping records, and purchasing books. It's worth analysing. Our effort is to create our system with a "Donation" Feature which makes it more efficient, flexible, and user-friendly for our customers. This can be used under various scenarios. It can also be modified and used in any type of Book Shop System for managing the book categories and purchasing activities by users and managing the information related to Books. Any user can make use of its Donation Feature for Donate book to various NGOs, and schools. It can be extended by getting accurate information about what kind of books the user likes and this information in cookies, by which we can show recommended books to the user. E-books and prototypes (samples) of books can also be provided in the future.

## V. CONCLUSION

The system is an attempt to overcome the present time-consuming process of locating, issuance and purchasing quality materials available in the shop. Through automated book shop system, it provides an easy way of searching, keeping record and purchasing of books. It's worth analyzing and identifying the benefits as it would directly influence the productivity of the readers. Our Effort Is to create our website's "Donation" Feature more efficient, Flexible and more user friendly to our customer.

## References

- [1] Thirumalai, S., & Sinha, K. K. (2005). *Customer satisfaction with order fulfillment in retail supply chains: implications of product type in electronic B2C transactions*. *Journal of Operations Management*, 23(3), 291-303
- [2] Lingxi Meng. *Design of Online Bookstore System Based on B2C Model*. *Value engineering*, 2011, (36): 101-102.
- [3] Yingqian Tan. *Research on Evaluation Index System of Online Bookstore Based on University Students' Satisfaction*. *Journal of Sun Yat-sen University (Social Science Edition)*, 2011, (4): 174-184.
- [4] Yinghui Xu. *Design and Realization of Online Used Book Sale System*. *Consumer Electronics*, 2012, (9): 67-68.
- [5] Zhuanhong Chen, Huan Li. *A typical application of jQuery in WEB query module*. *Electronic Technology*, 2013, (12): 28-32.
- [6] Maes, P., Guttman, R. H., & Moukas, A. G. (1999). *Agents that buy and sell*. *Communications of the ACM*, 42(3), 81-f