# Book Worm

## Vinod Alone¹, Deep Rajani², Yash Pawar³, Vrushabh Jain⁴

*1-3Student, Department of Computer Engineering, Vasantdada Patil Pratishthan's College of Engineering and Visual Arts, Mumbai, Maharashtra, India*

---------------------------------------------------------------------***---------------------------------------------------------------------

**Abstract -** Book Worm is a website, developed to buy, sell and donate the books. It maintains the information about the various details of their customers, also manage the books purchased or donated by them. The proposed framework gives heaps of office to the client to store data of the books and it give data in speedy time in a precise way. It is simple to understand and can be used by anyone who is not even familiar with simple Book buying or selling system. It is just like another e-commerce website to indulge in the books. As e-commerce is a growing industry best people try to pick the best and most affordable things available on the internet. This device can be used in any form of bookstore to automate it. That is, a website with the sort of system that allows customers to buy books from the shop without any difficulty. This paper presents a new approach here which uses the three modules buy, sell, donate and combines them into one.

*Key Words*: **HTML, CSS, Sell, Online Bookstore**

## 1. INTRODUCTION

Book Worm is a type of web-based business site which permits client for buying, reselling and gift of books straightforwardly from a dealer over the Internet utilizing an internet browser. An online book shop is a virtual store on the Internet where clients can peruse the list and select books of interest. The chose books might be gathered in a shopping basket.

At checkout time, the things in the shopping basket will be introduced as a request. Around then, more data will be expected to finish the exchange. Typically, the client will be approached to fill or choose a charging address, a delivery address, a transportation choice, and installment data, for example, credit card number. An email is shipped off the client when the request is set. Client can discover a book by searching among elective books utilizing a shopping search, which shows the book's data, accessibility, furthermore, valuing from various shops. Clients can shop online using a scope of various PCs and gadgets, including desktop, PCs, tablet and cell phones. The Administrator will have extra functionalities when it is compared in contrasted with the common client might be very tedious. Our group needs to build up a comparative site at the same time, in our Bookstore website, we zeroed in on gift segment which is the most significant piece of our site.

The users could search out the books they wanted to buy through the search bar, and then buy the books and generate the orders. The users could search out the books they wanted to buy through the search bar, and then buy the books and generate the orders using various payment options. Customers can find a book by searching among alternative books using the search engine, which displays the book's information, availability, and pricing. Customers can shop online using a variety of computers and devices, such as desktops, laptops, tablets, and smartphones. Best interactive e-book is an online interactive e -book project

## 1.1 Objective

The fundamental target of the task is to make an internet book reselling and donation store that permits clients to look and buy a book online dependent on title, writer and subject. The website allows a user to search for different books of different categories which are available for purchase. It facilitates the technique of buying by permitting the client to add the book of his/her preferring into a shopping basket. This donation section which will be added further in the next modules. User which select books are shown and the client can purchase their books on the web. Utilizing this site, client can buy a book, exchange and give online as opposed to going out to a book shop and sitting around idly.

The main reasons for people buying e-books are possibly lower prices, increased comfort (as they can buy from home or on the go with mobile devices) and a larger selection. Books, electronic bookmarks make referring to simpler, and digital book peruses may permit the client to clarify pages. In spite of the fact that fiction and genuine books come in digital book designs, specialized material is particularly appropriate for digital book convey on the grounds that it tends to be electronically looked" for catchphrases. Likewise, for programming books, code models can be duplicated. The amount of e-book reading is increasing in the U.S.; by 2014, 28% of adults had read an e-book, compared to 23% in 2013; and by 2014, 50% of American adults had an e-reader or a tablet, compared to 30% owning such devices in 2013. Selling items and administrations is the goal of online book showing generally objective of online book shopping basic target. You need to give full and complete data on what you sell, objective of online book shopping permitting forthcoming clients to effectively arrange from your website.

Another significant factor in the plan of a web-based business website is feedback. According to Norman,

feedback is a well-known concept in the science of control and information theory because it sends back to the user information about what action was taken and what result was achieved. Imagine trying to talk to someone when you can't even hear your own voice, or drawing a picture when you can't even hear your own voice. There are numerous online book stores like Amazon Kindle, tablets which were planned using HTML. Our group needs to build up a comparative site at the same time, in our site, we zeroed in on gift segment which is the most significant piece of our site. Online Book store is an online web application where the client can purchase, sell and donate books on the web. Through an internet browser the client can search for a book by its title or writer, later can add to the shopping truck lastly buy books on the web

## 2. Literature Survey

E-administration quality has transformed into a rapidly moving objective because of the speed of rivalry and the simplicity of copying administration highlights in the online world. Burt and Sparks (2003) recommend that we are seeing the bridling of the web to improve business efficiencies prompting the rise of new organizations inside the offer of merchandise. Such developments have expanded serious pressing factors on conventional blocks and mortar store retailing (Dholakia and Uusitalo, 2002). Lined up with the internet requesting books setting, numerous cases that the eventual fate of buying exchange lies in multi-channel retailing (Dennis et al., 2002) where, instead of contending with the web, retailers should join it as a feature of their retail technique, receiving a crossover system joining both on the web and disconnected action through a blocks and snaps approach. In any case, even settled retailers perceive the trouble characteristic in "going it alone" in the change to an online climate. One method of defeating this trouble is through joining a set up online entryway which offers a help network through which to get to this difficult climate. Ongoing exact work with regards to utilized merchandise has utilized total information to show that reading material sell-through—new deals as an extent of aggregate deals—decreases profoundly from 90% in the main year of a course book's distribution to 45% in the subsequent year also, 10% in the third year (Greco 2005, pp. 185–186; Greco et al. 2005). A later report likewise utilizes course book information to show that understudies are forward looking when making their buys—and that their estimation of a course reading decays when the arrival of another version will dispossess the resale market for another course book buy (Chevalier and Goolsbee 2005). Our exploration is identified with various floods of surviving work. The principal stream of important writing relates to ramifications of simultaneous accessibility of new and utilized merchandise.

The trouble of looking after imposing business model power on sturdy products is expected to some extent to the issue of time irregularity initially called attention to by Coase (1972). Coase guessed that if a firm were to misuse its remaining interest in future periods, at that point reasonable purchasers would expect this conduct and cost would quickly tumble to the serious level. The interrelationship between the business sectors for new and utilized products was brought up by Benjamin and Kormendi (1974) and Liebowitz (1982). They contended that a monopolist can keep up market power by limiting the pre-owned market. Utilizing the reading material market as a model, Miller (1974) recommends that the opening of optional business sectors will constrain distributers to increment new-great costs to extricate the most extreme conceivable benefit from the onetime offer of another great. Further research here has shown that a monopolist can stay away from the responsibility issue by renting as gone against to selling (Bulow 1982), and that deterioration lessens the monopolist's motivating force to reduce value (Bond and Samuelson 1984). The fundamental contention of these papers is that used business sectors need not hurt the producer since makers will expect the resale estimation of their item and will expand the cost of the new great appropriately.

A stream of writing applicable to our investigation is research creating methods to assess government assistance impacts from the presentation of new merchandise. Exemplary financial hypothesis shows that if the cost of a current great changes from p0 to p1, the subsequent change in government assistance is given by how much the customer would pay, or would should be paid, to be comparably wealthy after the value change as they were before the cost change. This action compares to Hicks' (1942) remunerating variety measure. To gauge the government assistance, change from the presentation of another great, Hausman (1997a) alters Hick's action by utilizing the item's "virtual value"— the value that would set interest to nothing—as p0 and the basic cost as p1. This method has been applied to quantify government assistance gains for new merchandise going from Honeynut Cheerios (Hausman 1997b) to expanded item assortment on the Internet (Brynjolfsson et al. 2003). Related methods have likewise been utilized to break down the government assistance sway from online sale locales (Bapna et al. 2005).

Seen hazard was created from brain science by Bauer (1967) and from that point forward has been generally talked about in customer conduct writing and viewed as one of the fundamental ideas. Bauer called attention to that buyer conduct can be viewed as a sort of "hazard taking", on the grounds that the buyer can't guarantee the outcomes from utilizing the items at the buying second, along these lines indeed, the buyer bears a specific danger.

For web shopping, the danger types or potentially substance are very unique in relation to regular ones because of different plans of action and exchange measures that actuate more vulnerability for internet shopping. In the wake of

dissecting the polls, Jarvenpaa and Todd (1996-97) arranged the danger types as follows. (1) Economic or monetary danger: This is the financial misfortunes because of helpless buy decision, failure to return products, and so on In this examination, financial danger alludes to Visa theft. (2) Social danger: This initially alludes to the way that shopping on the web will be thought of as unwise or socially inadmissible, yet as online action gets famous, we allude it as the humiliation of facing individuals in buying private-arranged books. (3) Performance hazard: This alludes to circumstance where item/administration neglects to meet one's assumption in online book shopping, in this examination since the book quality is fairly fixed, hence we allude to security of installment strategies. (4) Personal danger: This alludes to the destructive individual results to the purchaser coming about because of internet shopping. In any case, any misfortunes can be ascribed to this kind as per the definition; accordingly, we see this sort of hazard as exchange information leakage

Exertion, way of life similarity, energy have been referenced (Baty and Lee, 1995; Goldsmith, 2000; Hoffman and Novak, 1997); social connection was added by Jarvenpaa and Todd (1996-97). Exertion is the measure of time and energy spent in finding product and settling on buy choices. Way of life similarity considers the consumers" way of life and shopping propensities. Liveliness alludes to sensations of fun in site route when buying. Social association implies the association with individuals when shopping on the web, for example, joining conversation gatherings, requesting client encounters and so on In any case, comfort (in inquisitive, in requesting), consistency (among expected and genuine item/administration), and fun loving nature were recognized as the most remarkable factors in Taiwan"s web based shopping (Cheng, 2000); in this investigation, we receive Cheng"s operational meaning of shopping experience for obliging Taiwan"s web climate.

Finally, our research draws on the literature relating to competition on the Internet (e.g., Brynjolfsson and Smith 2000, Clay et al. 2001, Baye et al. 2004), and specifically the direct measurement of consumer price sensitivity. Papers in this literature have shown that BarnesandNoble.com seems to face much stronger competition from Amazon.com than Amazon does from Barnes & Noble (Chevalier and Goolsbee 2003). Various papers in this literature have also analyzed the own-price elasticity for offers listed at shopbots, finding elasticity measures ranging from −6 to −10 for shopbots listing books (Brynjolfsson et al. 2004) and PDAs (Baye et al. 2004) sold by differentiated sellers to −50 for a shopbot listing computer motherboards and memory modules sold by undifferentiated sellers. Elasticity measures at Internet shopbots are relevant for our study because the display of information at these services is comparable to the information display in Amazon's used-book marketplace.

## 2.2 Existing System

In the current situation, individuals need to actually visit the bookshops or merchants for buying books of their need and need to make installment through cash mode the majority of the occasions because of ignorance of trend setting innovations at specific spots. In this technique time just as actual work is needed, among which time is something that nobody has an abundant sum. The customary book buying method isn't effective enough for businesspeople just as clients, as they need to manage the group, in their shops.

The old strategies are grouped into two different ways where the most famous one was you need to go to the shop and ask the retailer for the book. Assuming he has that book, he will give you and request cash, which could be more than you suspected for. The other one is on the off chance that you know any retailer or businesspeople you can straightforwardly reach him on telephone and request that he give you that books at your place and take the cash and additional accommodation charges of transportation. These both the strategies are moderate and set you back more once in a while in the event that you are an amateur in promoting or buying any new thing.

In the current era there are already many e-commerce websites. They sell variety of different things from electronics to food items. But most of this website are only for buying and another website which do resell have many flaws. There are many frauds and scams going on many sites due to which some people stop buying online.

## 2.3 Motivation

As the cost of living is increasing day by day the price of products is also increasing. By buying the second-hand book the price might get slightly cheaper. When a student purchases a second-hand book, he easily saves half the money compared to buying a completely new one. For sellers who sell used books, there are some problems that they have to encounter. They may face customer's negotiation when dealing face to face. Instead of keeping the books which are not used anymore and are in good condition, donating that books will be a good deed towards society.

Our primary goal is to reach the more and right customers at the right time. In future, especially students should have an easy way to buy and sell second hand books online. Providing valid information to the customers. Bookworm shall be user friendly, easy to find books in various categories and will be able to contact the buyer and seller directly. Bookworm is a small contribution to our society for helping students to pursue education needs.

## 2.4 Problem Statement

There are various of bookshops that exist today. The well-known ones are MPH, Popular Bookstore, and Kinokuniya. Individuals can purchase any determinations of books there. Nonetheless, the present books that are sold in the customary book shop are expensive. For one shiny new anecdotal novel, a client needs to pay very some cost for it. This is on the grounds that physical book shop has the overhead and different expenses to pay (Bookmasters.com, 2016). Moreover, there is no book shop yet that sells a second-hand book. By rationale, by purchasing the second-hand book the cost might get marginally less expensive. At the point when an understudy buys a trade-in book, he effectively saves more than a large portion of the cash that he would have spent had he bought a totally new one (K. Anna, 2013). There are likewise issues where the book shop are far away and the greater part of the book shops are as it were situated in shopping centers.

 For some piece of the country, there is no spot that book purchaser can get to book shopping without any problem. They may confront client's arrangement when managing eye to eye. The odds for them to discover potential purchasers are likewise little. It likewise takes a part of their time meeting the clients. Some of them perhaps are not keen on selling their utilized books. It is only that they have such countless books that take their space. Since they feel that by giving the books would take care of their issues since the books might be as yet in a decent condition.

It's been discussed for longer than 10 years at this point, however would we say we are at last arriving at the tipping point for actual book shops? Some are bringing up that Amazon's proceeded with accomplishment in online deals addresses a component of "innovative annihilation" for actual retailers, and a NY Times piece noticed that a lot of book shops are closing down — including a portion of the large name brands, like Borders and Barnes and Noble.

What might be generally fascinating in the NY Times article, however, is that the fault isn't really positioned at online retailers straightforwardly — yet on the way that online destinations have made it a lot simpler to exchange utilized books. Along these lines, the contention goes, the market is presently overwhelmed with utilized books that people are selling out of their rooms, implying that it once in a while bodes well for anybody to follow through on full cost for another book any longer. It's a fascinating contention — and it's the kind of contention we've seen made against utilized book deals previously, and all the more as of late that computer game creators have been making concerning utilized computer game deals.

## 3. Development Technology

We will implement the system using PHP and MySQL for the database. The required items are fetched from the database such as users details along with his/her name, places review, visited places, feedback, etc. The admin can have authority to access the database. Once the user is logged in, they are provided with certain privileges. We can link different forms using MySQL to use the system.

 PHP is the most mainstream scripting language for web improvement. It is free, open source and worker side (the code is executed on the worker). MySQL is a Relational Database Management System (RDBMS) that utilizations Structured Query Language (SQL). It is additionally free and open source. The mix of PHP and MySQL gives neglected alternatives to make pretty much any sort of site – from a little contact structure to huge corporate portal.CSS represents Cascading Style Sheets.CSS saves a ton of work. It can handle the design of various website pages at the same time. We additionally utilized JavaScript it is Client-side JavaScript is the most well-known type of the language. The content ought to be remembered for or referred to by a HTML report for the code to be deciphered by the program. It implies that a page need not be a static HTML, yet can incorporate projects that interface with the client, control the program, and progressively make HTML content. The JavaScript customer side system gives numerous benefits over customary CGI worker side contents. For instance, you may utilize JavaScript to check if the client has entered a legitimate email address in a structure field. The JavaScript code is executed when the client presents the structure, and just if every one of the passages are legitimate, they would be submitted to the Web Server.

 Use of XAMPP in database management. XAMPP is an entire software package including apache web server, php, MySQL database and usually phpMyAdmin to administrate the db. XAMPP heap of programming is an open-source localhost worker giving various functionalities through the bundle of programming it contains. The product, which is essential for XAMPP is begun/quit utilizing the XAMPP Control Panel. It is utilized for testing the activities and adjustments disconnected prior to dispatching it on the worldwide web. One such vital usefulness given by XAMPP is the making of the MySQL data set. This is finished by utilizing phpMyAdmin. phpMyAdmin is a costless and open source programming that gives the usefulness of working and overseeing MySQL over the web. It gives a straightforwardness to the client to control and oversee the data set with the assistance of a realistic UI known as phpMyAdmin. This GUI is written in PHP programming language. Over the long run it has acquired a ton of trust and interest to discover an electronic MySQL organization arrangement. The client can work upon MySQL through phpMyAdmin UI while still straightforwardly executing SQL inquiries. The GUI permits the host to convey various control procedure on the information base, like altering, making, dropping, correcting, change of fields, tables, records, etc.

## 4. Proposed System

In this Book Worm project, we make a site for purchasing selling and giving book. Client can undoubtedly buy the books with no hurdle. In Online book shop you can just say that alludes to selling, purchasing books through web. A recognize as email is given to the client that him/her books has been given effectively. We are at present buckling down on the contribute included on our site
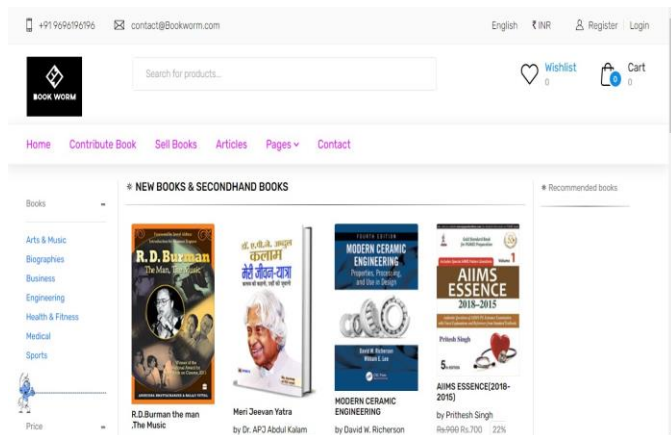


Fig 1: Home/Main Page

When we open the Bookworm site first home page is showed. The home page will appear showing all the available books you can buy with various sections. A Rating based search is also there for user from 1 to 5 for searching. To search a particular book, you can also you see the search option.
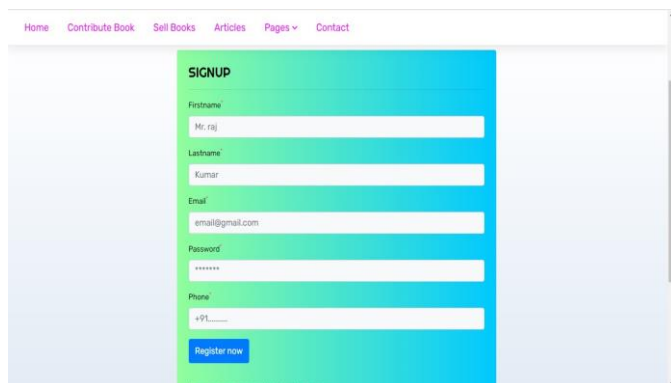


Fig 2: Register

On the off chance that you are another client you can enroll utilizing the register interface or in the event that you are as of now a user can login to buy book and pay utilizing the checkout. A client ought to enter every one of the necessary fields data. On the off chance that he didn't fill every one of the fields he can't make a record. Subsequent to entering all the necessary information click the submit catch to enroll. Then only you can login to the Website.
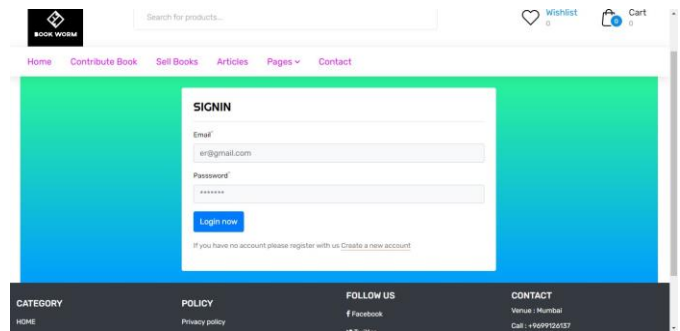


Fig 3: Login Page

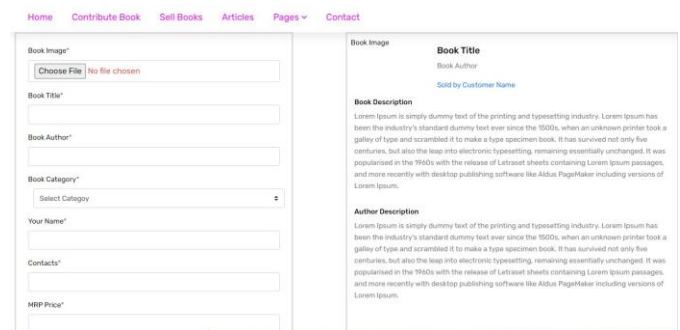Login page is utilized to login to the site. If you are not registered you cannot login.



Fig 4: Sell /Contribute Books

The Sell and donate section is similar wherein you have to give your Book title, Book Image, Name, Contact, etc.



Fig 5: Payment

The above page shows the alter shopping basket page. Subsequent to continuing to check out the client ought to enter the charging subtleties to handle his request demand. For this he ought to enter his Credit Card or Use Cash on Delivery. At checkout time, the things in the shopping basket will be introduced as a request. Around at that point, more information will be required to complete the trade. Typically, the client will be approached to fill or choose a charging address, a delivery address, a transportation choice, and installment data.

## 5. CONCLUSION

The System is general hobby for reading books on the needs of the consumer customer base, with a certain degree of practical online book store system. Online book store system not only can easily find the information and purchase books. The operating condition are simple, user friendly, to a large extent to solve real life problems in the purchase of books. Bookworm framework is an endeavor to beat the here and now condemning interaction of finding, issuance and buying quality materials accessible in the shop. Through mechanized book shop framework, it gives a simple method of looking, keeping record and buying of books. It merits breaking down and distinguishing the advantages as it would straightforwardly impact the profitability of the shop.

## REFERENCES

[1] J. A., Maya-Olalla, E.,Dominguez Limaico, H. M., Suarez-Zambrano, L. E., Rosero-Montalvo, P.D.,Alvarado-Perez, J. C. (2017). GreenFarm-DM: ONLINE BOOK STORE. 2017 IEEE Second Ecuador Technical Chapters Meeting (ETCM).[M. Young, The Technical Writer's Handbook. Mill Valley, CA: University Science, 1989.

[2] Manjunatha, M., Parkavi, A. (2018). ONLINE STORE TRUSTWORTHINESS AND CUSTOMER LOYALTY 2018 .[

[3] Shakoor, M. T., Rahman, K., Rayta, S. N., Chakrabarty, A. (2017). THE ONLINE STORE MERCHANDISHING. 2017 1st International in New Generation Computing Applications (NextComp).[

[4] Online Bookstore Analysis of trend in India – International journal of Innovation & Advancement in computer science (IJIACS).

[5] Research on ONLINE BOOK SHOP – International journal for research in Applied Science and Engineering Technology (IJRASET).

[6] A new trend in book sales management for service monitoring – Journal of management and marketing research. S. Rehman and J. Coughlan, "Building Trust for Online Shopping and their Adoption of e-Commerce" in IEEE International Conference on Information Society (i-Society 2012).