

Online Second Hand Book Portal

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Abstract - Ecommerce has been in great use when it comes to digital marketing. Every system comprises of two entities, one is user and other is item. A user can be any consumer or consumer of any product or items, who get the suggestions. Input to recommendation algorithm can be a database of user and items and output recklessly will be the recommendations. [1] The user is the input whereas the output is the request as per the customer's requirements. This paper presents a new approach for recommending books to the buyers. Overall in world there are many people who loves to read books. However, many people don't buy books as they're expensive. Even there are people who have books and want to put up for sale. So won't you think there should be a platform where you can buy and sell books?

Key Words: HTML, CSS, JavaScript, Online book.

1. INTRODUCTION

We all have possession of certain products which aren't useful to us anymore. Then why not advertise them and earn money instead of keeping it useless at home? In our educational institutes we as students need to buy certain stationaries and reference books for subjects that are required for limited period of time. For example, for Information Technology and Computer Engineering students some stationaries such as drafters, engineering drawing sheets container, calculator, etc. aren't required after a certain time. Then why not give these stationaries to junior's who would require it? According to the survey, With economy slowing down and cost of capital remaining high, the volume of India's second hand and recycled market including consumer products, automobile and industrial raw material & machinery, is likely to grow up to Rs 1.5 million crore.[3] Even with the progress of buying old books it is said that 77% would like to read books online and 67% would be fond of buying and selling their books online. [2]

2. BACKGROUND STUDY

As mentioned above online book portal comes to the picture where the consumer can buy, rent and sell books in real-time, without an intermediary service, with the help of Internet. This exceptional help students to sell their textbooks, reference books, drafters, sheets container, notes for certain subject, etc. to other junior students who would need it. Instead of buying they can even hire it if there is a rent option provided by the seller. Thus, here the buyer and seller need to register to the website and log in to sell or rent

the item. This will provide the competence for the buyer to chat with the seller and confirm the deal. Hence, "It's not about how much money you made, but how many people you helped!!" [4]

3. PROPOSED WORKING

In this project, the user needs to register with the given user id and password. The user then logs in and search for the book which is necessity for the customer. Through this the user can buy or sell and can even add the product which they want to sell. This is much valuable and constructive than library and as communication is possible between the user and the sales person, the customer be acquainted with about the condition of the given product.

4. WORKING OF PROPOSED MODEL

The proposed model or solution is based on a website which is used to fill the gap of communication with juniors and seniors by giving them a portal to buy/sell their used books which will not be further required by them. The student has to first register himself in order to use the website. This will make an account of the registered student who will have to login whenever he/she visits the website. After successful registration, the student will be able to upload the book which they intend to sell or keep for rent. The student has to enter the details such as: name, price, quantity, category and description can be used to indicate the current condition of the book and also upload the photo of the book. Once the student has uploaded the book, the book will be available in the buy section for all the other users and they can filter the books based on their price and name. The student who wants to buy a particular book will have to chat with the owner of that book. The chat platform will help the buyer to negotiate the price and will help them to locate the owner.

5. XAMPP

XAMPP is an abbreviation of Cross-Platform (X), Apache (A), MariaDB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes. [5]

6. JAVASCRIPT

JavaScript (JS) is a insubstantial, interpreted or Just in Time compiled programming language with better functions and new sort of methods. Significantly as the scripting language

for Web pages, many non-browser environments also use it, such as node.js and Apache CouchDB. JS is a prototype-based, multi-paradigm, dynamic scripting language, supporting object-oriented, imperative, and declarative (e.g. functional programming) styles. [6]

6. COMPONENTS REQUIRED

- PHP
- JavaScript
- HTML
- CSS
- Personal Computer
- xampp

7. FUTURE SCOPE

With the help of this product, it reduces time and is an easy way where the user can give the impression of whether the product needs to be bought or not.

8. FEATURES

1. Students can buy and sell products on this platform.
2. Students can chat and negotiate before buying the product.
3. Students can talk to their seniors about higher studies, placements and any other questions they want to ask.
4. Students can post ads if they want to take workshop, seminar or tuition for a particular topic/subject.

9. ADVANTAGES

- Reusability and cost efficient for students.
- Can hide confidential information about the user while chatting with the other users.
- Elimination of couriers cost.
- Offering a platform to sell
- Fast purchasing of products

10. APPLICATIONS

- Digital Marketing
- Books Selling

11. CONCLUSION

In this techsavvy world where people tend to be come across advertisements and all this project can be the best platform. Through this a customer can look for books for a particular

author, book name and can add to their cart and can further pay money for the product.

It also improvises digital marketing and has a great future scope and can be used on a extensively.

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