www.ijecs.in
International Journal Of Engineering And Computer Science ISSN:2319-7242
Volume 6 Issue 4 April 2017, Page No. 20827-20830
Index Copernicus value (2015): 58.10 DOI: 10.18535/ijecs/v6i4.05

Social Uni-Books Web Service

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Abstract—"UNI-BOOKS" is the web service for the students of particular university where students can sell or buy old books directly to or from other students. The main objective of the project is to create an online book store that allows users to search and purchase old books online based on title, author and subject. The chosen books are displayed in a tabular format and the user can order their books online through cash on delivery payment. Using this Website the user can buy a book online instead of going out to a book store and wasting time.

Keywords- Filtering, Searching, sorting, Book Posting, Sell, Payment, User Review

1.Introduction

WEB SERVICE is a new distributed component which emerged about ten years ago, which uses WSDL as its interface description language. Because WS uses the Web as its provision platform, it is suitable to be used to develop cross-organizational business integration. As we know India is third higher education system in the world. In an increasingly technologically dependent world, development of higher education sector is crucial rising economy like India has evidenced by the exceptional growth and growth in technical education during the past two decades.

The main purpose of the project is to create an online book store that allows users to search and buy a book online based on Book title, author and subject. The selected books are showed in a table format and the user can order books online by cash on delivery payment .Using this Website the user can purchase a book online instead of going to book stores and wasting time.

There are many online book stores like Amazon, flipkart which were designed using Html,php etc. we want to develop a similar website using PHP,XAMPP Server. The inspiration to create this project has Interest in to develop a good user friendly website, To increase my knowledge in technologies like .PHP, CSS, HTML. To gain good experience in PHP before joining in a full time job.

2. Literature Survey

None of the application or website provides all information starting from book type, book category, seller information, etc. The main advantage of our website is students can buy books from nearest seller, also seller can donate the book and sell books if he/she wants to. Book price is reduced because it is previously used by seller. Also, buyer can bargain or bid for books online.

As per the magazine there should be a concept in which the business should be available for all time to the customers. There shouldn't be any issue while accessing the website at any time. Website should be available for users 24*7.[1]

In this paper they said that Designing and developing the orchestration and workflow engines is a hard task because of the difficulty of managing interaction and concurrency in a general way. This approach promotes the incorporation of multi-agent systems and synchronization infrastructures with standard, mainstream Web technologies for the engineering of complex distributed application.[2]

In this paper they mentioned that Activity can be divided into different scopes—namely, encapsulate and autonomous sub-workflows. When a scope is to be executed (task scope), a new workflow graph has to be activated which should run at the same time as to the existing one. Tasks of kind range are executed by the master agent, which inserts an activation token for the new graph and monitors its termination and its faults.[3]

With this paper, you should be easily able to perform the transactions. This puts money into your pocket faster and helps make sure that on the day of the event you don't have to worry about payment.[4]

3. Proposed Work

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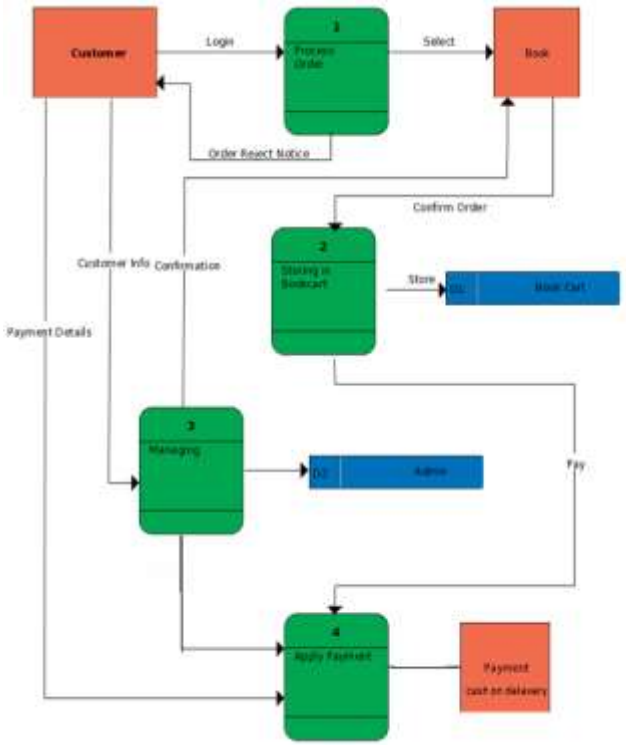

Figure 1: System Architecture

User Interface with invention 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 box to search the required book. It also has some special sections like suggested titles, special books.

Search

A search keyword option is provided to the user using a textbox for searching books. The keyword to be entered in box should be the book title.

Advanced Search

Advanced search helps the user to search for a book based on Book Title, Book Author, Book Category and price range. All the books which matches the related search criteria will be displayed with total books count. From here the user can select a book and add to the shopping cart**.**

Book Description

If the user want to know details about a book user can click on the title from where he will be directed to a Book description page.

User Voting

The user can give rating to a book based on his experience. He can rate it by giving a score out of five as Excellent, very good, good, two and one . The last rating of a book depends on all the individual user ratings.

Shopping Cart

The user can manage a shopping cart which includes all the books user has selected. The user can edit, delete and update his/her shopping cart as per their needs. A final shopping cart summary is displayed which includes all the items the user selected and the total cost.

Managing user accounts

Each user should have an account to access all the functionalities of website. Admin can manage all users accounts. All the user sessions will be saved in the database.

Administration

The Admin will be provided with special functionalities like

- Add or delete a book category
- Add or delete a member

Algorithmic Steps for Proposed Work

Step 1- Start
Step 2-Login/Register if user then **go to step 3**
else **go to step 7**
Step 3- A) Account Management /
B) Post Book/
C) Search Books
If (A) Add user data
Else if (B) Post Books for Sale/Donate the Book.
Else (**C)** Search books
1) Book filtering by name, dept, author name

Step 4- Add/Remove selected books to cart
Step 5-Procced to payment
Step 6-Customer rating for services/book reviews

Step7- Maintain User Accounts
Maintain Admin Details
Maintain Book Details
Maintain Advertisements
Step 8- Stop

4. Result

User Interface- Home page of Uni-Books contains a search tab where users can search a particular book. Also, userCan search book by selecting a category of a book. There is option on page where user can look out for donated books or to buy the book.

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Figure 2: Home Page

Post Book- This page is used to sell or donate the book. It contains all details of the book like book name, book author, type, category etc.

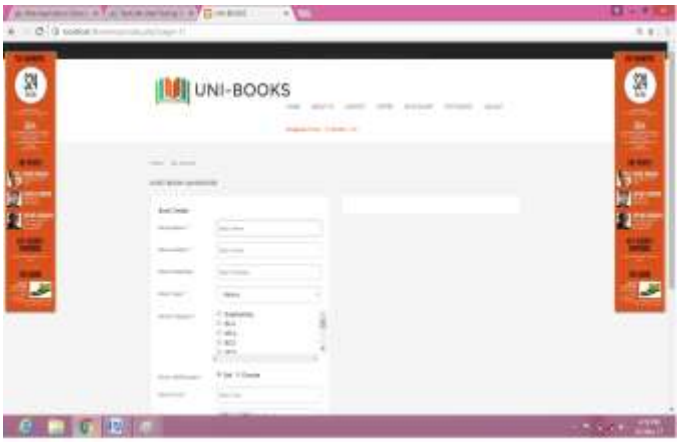


Figure 3: Book Post Page

Admin page- This page allows admin to check User details. Also, admin can update user name, password or delete the user account.

Figure 4: Admin Page

My Account- My account page contain users account details, where user can update his/her account details like name, email, address etc.

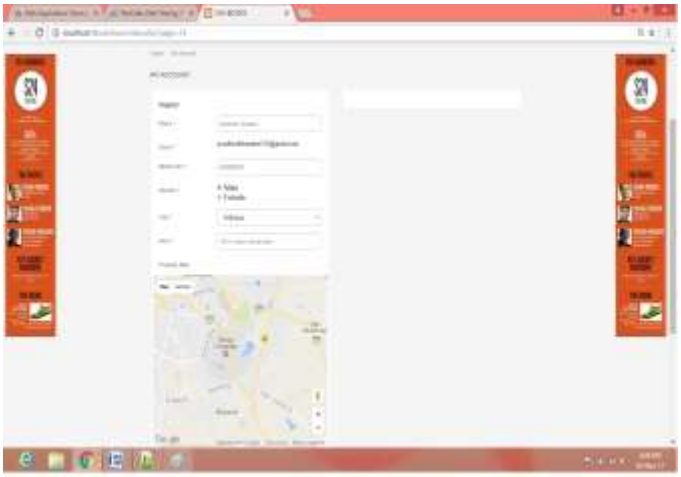
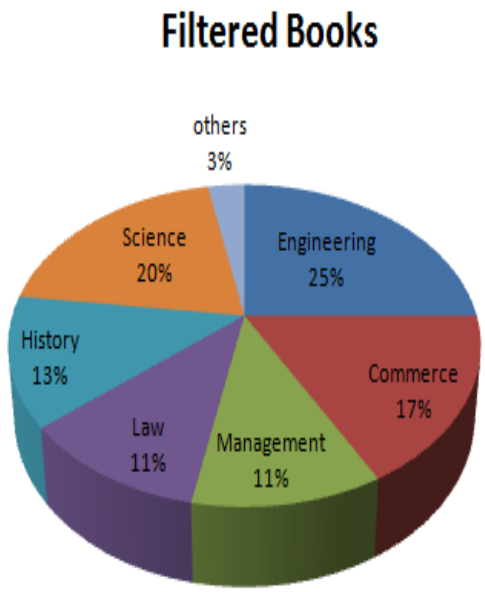


Figure 5: My Account Page

5. Result Analysis

(a) Filtering Analysis



Graph1: Filtering Analysis

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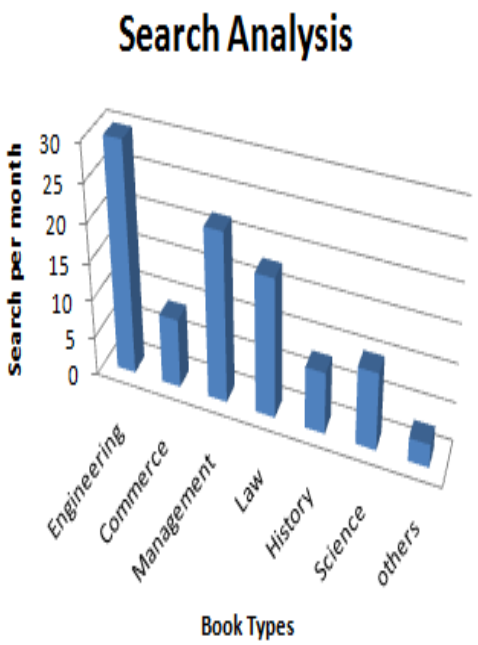
(b) Search Analysis-



Graph2: Search Analysis

6. Conclusion and Future work-

We conclude that Uni-Books Online System has been developed and the system was tested with proper data. The system results in regular timing preparation of the required output. In assessment with the manual system, the advantages under a computer system considerable in to saving of manpower, working hour and efforts.

Hence, Future recommendations are as follows

1) Advanced work can be done by adding new payment methods like Internet banking, debit card payment, Paytm, etc.

2) Android application can be developed to reach out more customers or users.

3) Product tracking system can be done if any delivery company tie-up with the website.

7. References

[1] Yong Wang, "A Formal Model of QoS-Aware WebService Orchestration Engine". IEEE Transactions on Network And Service Management, Vol. 13, No. 1, March 2016.

[2]Active Endpoints. (2011). Active BPEL [Online]. Available: http://www.activevos.com/

[3] M. Coabano, E. Denti, A. Ricci, and M. Viroli, "Designing a BPEL orchestration engine based on ReSpecT tuple centres," in Proc. 4th Int. Workshop Found. Coord. Lang. Softw. Archit. (FOCLASA), 2005, pp. 139–158.

[4] M. Viroli, E. Denti, and A. Ricci, "Engineering a BPEL orchestration engine as a multi-agent system," in Proc. 4th Int. Workshop Found. Coord. Lang. Softw. Archit. (FOCLASA), 2005, pp. 226–245.

[5] W. Chen, J. Wei, G. Wu, and X. Qiao, "On the move to meaningful internet systems OTM2008," Developing a concurrent service orchestration engine based on event-driven architecture. Berlin Heidelberg: Springer, 2008, vol.5331,pp.675–690