Web Portal for Selling and Purchasing Old Books

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Abstract - *The business-to-consumer aspect of electronic commerce (e-commerce) is the most visible business use of the World Wide Web. This project mainly deals with e-commerce book website. The research study explores the phenomenon of increase in the use of online medium for textbook sales. This portal is first of its kind which able to share knowledge among different people in the form of study material. At here , whether a school going kid or a graduate can able to share their books at pan India locations .Whether you have question paper, school books , non-technical books, used book technical books related to any study material can be share here. It's a kind of shopping cart where you can either sell or buy books at here we provide a variety of categories or filter to search the book you need .The sharing is done by taking the snap of the material and uploading it in your profile. Whosoever interested in your study material will contact you by mail or by consumer to consumer approach. You need to get registered first for sharing any study material. You can easily check your profile regarding books uploaded till, any conversation with the interested people.*

***Key Words*: online retail, used book sell or purchase, consumer to consumer approach, e-commerce, shopping-cart**

1. INTRODUCTION

Since the late 1990s, online shopping has taken off as an increasing number of consumers purchase increasingly diversified products on the Internet. Given that how to attract and retain consumers is critical to the success of online retailers, research on the antecedents of consumer acceptance of online shopping has attracted widespread attention. There has yet to be a holistic view of online shopping acceptance from the perspective of consumers. In this research, we conducted an extensive survey of extant related studies and synthesized their findings into a reference model called OSAM (Online Shopping Acceptance Model) to explain consumer acceptance of online shopping. Our literature survey reveals that a myriad of factors have been examined in the context of online shopping and mixed results on those factors have been reported. The proposed model helps reconcile conflicting findings, discover recent trends in this line of research, and shed light on future research directions.

1.1 Overview

The objective of this project is to develop a general purpose e-commerce store for any study material which can be bought from the comfort of home through the Internet. An online store is a virtual store on the Internet where customers can browse the categories and select books of interest. Either you can directly spoke with concern person for the books or the selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information will be needed to complete the transaction. Usually, the new customer will be asked to fill or select a billing address, a shipping address, a shipping option, and payment information such as credit card number. An e- mail notification is sent to the customer as soon as the order is placed.

2. Research Contribution

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3. Implementation Technologies

This project is based on ecommerce book store, where the user can buy books, place it for sell, and can do some book donation. The technology which we are using is open source language name PHP with having database called MySQL. Whenever the user type the address of web application in the browser it will search for the dependent files on the server and load all the files to start the application. Say for example we have a domain called puranikitabh.in which will represent this application.

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4. Webpage Processing

This is an php application can create data based Web pages by using server side and client side processing technologies or a hybrid of the two. With server-side processing, the Web server receives the dynamic Web page request, performs all processing necessary to create the page, and then sends it to the client for display in the client's browser. Client-side processing is done on the client workstation by having the browser execute a program that interacts directly with the database project is based on ecommerce book store, where the user can buy books, place it for sell, and can do some book donation. The technology which we are using is open source language name PHP with having database called MySQL. Whenever the user type the address of web application in the browser it will search for the dependent files on the server and load all the files to start the application. Say for example we have a domain called puranikitabh.in which will represent this application.

4.1 Difference between Server Side and Client Side

The client-side environment used to run scripts is usually a browser. The processing takes place on the end users computer. The source code is transferred from the web server to the user's computer over the internet and run directly in the browser. The scripting language needs to be enabled on the client computer. Sometimes if a user is conscious of security risks they may switch the scripting facility off. When this is the case a message usually pops up to alert the user when script is attempting to run.

The server-side environment that runs a scripting language is a web server. A user's request is fulfilled by running a script directly on the web server to generate dynamic HTML pages. This HTML is then sent to the client browser. It is usually used to provide interactive web sites that interface to databases or other data stores on the server.

This is different from client-side scripting where scripts are run by the viewing web browser, usually in JavaScript. The primary advantage to server-side scripting is the ability to highly customize the response based on the user's requirements, access rights, or queries into data stores.

5. Database Schema

In order to design a web site, the relational database must be designed first. Conceptual design can be divided into two parts: The data model and the process model. The data model focuses on what data should be stored in the database while the process model deals with how the data is processed.
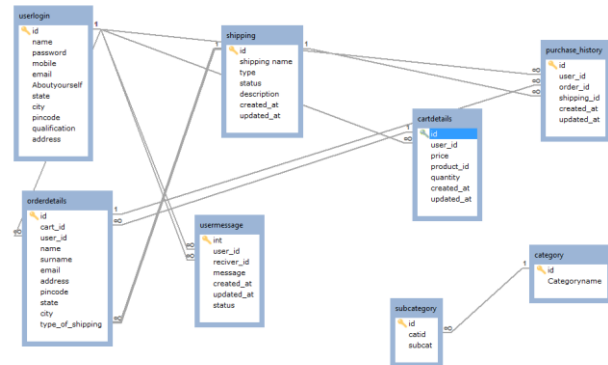

Fig -1: Overview of Database Schema

5. E-commerce Application

The objective of this application is to create an online book store where the user can search, sell and purchase any of kind study material from the home comfort itself. Being as an ecommerce application the user can place the order of desired books, initially we are using Cash on Delivery instead of e-payment .For security and programming point of you we are using Codeigniter framework .The file structure for the framework is

5.1 Searching books using filter

At here we had added a good amount of filter where the user can search the books according to the convenient and the result are shown in a tabular form. We had categories the books into two part, one which is uploaded by the end user and second by us. If the books are uploaded by we than a basket sign called as add to cart is shown with that book.

5.2 Login and Registration

Before the books to get added in cart, we forced the user to logged in or register if he/she is new user. Unless we would be treated as guest user which an only search the books. For new registration we had given a provision to signup directly using social platform like Facebook and Google and then update the profile or simply fill up the registration form.

5.3 Add To Cart

As the name simplifies, these is the place where user orders are added before placing it, order are added once the user is successfully logged in. After logged in ,a session is created which is basically is to keep the record of all the activities the user has performed, which include like add to cart, changing password, updating profile, searching.

Add to cart is basically a basket where the user order are stored before placing it, and as the session is required, the

user can check even after a day or a month the order he added because all the order are being filter according to the unique identity number which is allotted after successful registration.

5.4 Placing an order

Every time the user is logged in, the order would be showed in the cart unless he/she checkout with that order . The checkout process is the process that a customer must go through when placing an order for the cart. This is usually a button in the cart option or with the product to directly place an order rather than adding it into the cart. This is what the user sees at the frontend.

5.5 Guest user

As the name suggest, these are the type of user which can directly place an order without logged ,and all the details are stored temporary session till the user is present, once the user is closes the browser, all the details are deleted successfully here no activity tracking is performed when logged as a guest user

5.6 Order History

Order history is like add to cart with only difference is that , the order details are not deleted unless the user delete the profile from the it, all the order are been filtered according to the unique identification number given during successful registrations .The details in order history added after the successful checkout process .

6. CONCLUSIONS

The main prospective of this project is to make a kind of web portal where we can sell, purchase old book, which can range from any standard. We are adding various kinds of filters which help the end user to sort the book easily, for example the filter would like to be search by author name or by university. At here we are providing a provision for the users to upload the books and if any buyer is interested he can directly found it on map and can easily check how far the seller is. We also have tie-up with some NGO's for those you believe in donation. All these functionality is been managed by the administrator who has right to do anything starting from deletion to updating the web portal .

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