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Research Paper on Online Bookshop Management System

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Abstract- Today it is becoming very difficult to maintain records manually. Software system easily does the job of maintaining daily records as well as the transaction according to the user requirements. Only basic knowledge of computers is required for operations. The main objective of the project is to create an online book store that allows users to search and purchase book online based on title, author and subject. The proposed system provides lots of facility to the user to store information of the books and it provide information in quick time in a systematic manner. The processing time on the data is very fast. All the information of books changes is given to the user and also the reports are also generated according to requirement of the user. Using this website the user can purchase a book online rather than of going out to a book store and wasting time.

I. INTRODUCTION

Using online book store project the user can purchase books online instead of going out to a book store. The purpose of the project is to make a full functional online book store system that allow its users to buy book via internet. The selected books will be displayed in tabular form and then user can pick and order one or more books online through cash on delivery option. The online book store project provides customers with online shopping facility through a web browser.

The objective of the project is to develop a basic website where a consumer is provided with a shopping cart application and also to know about the technologies used to develop such an application. All the information of the books changes is given to the user and also the reports are also generated according to the requirement of the user.

The Bookshop Management System automates all operations in a bookshop. Generally it includes the Order Processing, Stock Management and Accounts Management before managing a bookshop understand the concept of automation. In automation of any operation we make a system which do work automatically as the respective events occurs, for which it is meant.

Here the system is providing the automation on the any type of the bookshop. That means a shop which has the type of system which provides the facility to the customers of the shop to purchase the books from the shop without any complexity. For example any customer want to purchase any book from the shop then first of all customer just choose the stream of the book than he/she can see the more than one type of books there and then he/she can choose the specific book from there and then purchase it by paying price on bookshop cash counter and receives its invoice.

II. LITERATURE REVIEW

A. E-Commerce

The increasing significance of e-commerce is evident in the study conducted by researchers at the GVU Centre at the Georgia Institute of Technology. In their summary of the findings from the eighth survey, the researchers report that “e-commerce is taking off both in terms of the number of users shopping as well as the total amount people are spending via online based transactions”. Electronic Commerce applications support the interaction between different parties involved in a e-commerce transaction via the network, as well as the management of the data involved in the process.

Over three quarters of the 10,000 respondents report having purchased item through internet. The most mentioned reason for using the web for personal shopping was

1) Convenience(68%)
2) Followed by availability of vendor information (60%)
3) No pressure from sales person (55%)
4) Saving time (53%).

B. Security

There is an issue of security in online shopping. People do not purchase the terms online, the GVA survey also indicates that faith in security of e-commerce is increasing. As more people gain confidence in current encryption technologies, more and users can be

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expected to frequently purchase items online. The interactive cycle between a user and a web site is not complete until the web site responds to a command entered by the user.

C. Following are the Some Various Analysis and Researches

The names of some websites are as follows

1) *Amazon.com:* Amazon is an electronic e-commerce and cloud computing company that was established on 1994. It is the largest internet based seller in the world by total sales and market capitalization. The company also created *kindle e-reader*. In 2005, Amazon surpassed *Walmart* as the most valuable retailer in US by market capitalization and is, as of a
2) *Snapdeal.com:* Snapdeal is an Indian e-commerce company based in New Delhi, India. The company was started by Kunal Bahl, a Wharton graduate as a part of dual degree M&T Engineering and business. Snapdeal currently has 275,000 sellers, over 30 million products and a reach of 6,000 towns and cities across the country.
3) *Flipkart.com:* Flipkart is an electronic commerce company headquartered in Bangalore, Karnataka. It was founded in 2007 by Sachin Bansal and Binny Bansal. Flipkart allows payment methods such as cash on delivery, credit or debit card transactions, net banking , s-gift voucher and card swipe on delivery.

According to Morgan Stanley the current market value of flipkart is $5.54 billon as of November 2016.

D. A Good E-Commerce Site Should Present the Following Factors to the Customers for Better Usability

1) Minimal and strong security notifications or messages.
2) Different parts of the site after adding an item to the shopping cart return.
3) Selecting and scanning is easy in a list.
4) Effective categorical organization of products.
5) Simple navigation from home page to information and order links for specific products.
6) Obvious shopping links or buttons.
7) Consistent layout of product information.

E. About Feedback

The feedback is another important component in the design of an e-commerce site. According to Norman , feedback sending back to the user information about what action has been done actually, what result has been accomplished is a well known concept in the science of control and information theory. Imagine trying to talk to someone when you cannot even hear your own voice, or trying to sketch a picture with a pencil that leaves no mark there would be no feedback. Web site feedback often consists of a change in the visual or verbal information presented to the user. Simple example is using the sound of a cash register to confirm that a product has been added to an electronic shopping cart. Another examples include highlighting a selection made by the user or filling a field on a form based on a user's selection from a pull down list. Completed orders should be acknowledged rapidly. This may be done with an acknowledgment or fulfilment page.

Users are fast to attribute meaning to events. The amount of time it takes to produce and download this page, however, is a source of regression for many e-commerce users. A blank page, or what a user perceives to be a long time to receive an acknowledgment, may be interpreted as there must be something wrong with the order. If generating an acknowledgment may take longer time than what may be somewhat expected by the user, then the design should contain intermediate feedback to the user indicating the progress being made toward acknowledgment or fulfilment. Feedback should not draw the user's attention away from the important tasks of gathering information, selecting products, and placing orders. Eventually feedback should not distract the user. Actions and reactions made by the web site should be meaningful.

III. CONCLUSION

Book shop Management System is an attempt to overcome the present in efficient and time consuming process of locating, reserving and purchasing quality reading materials available in the store. Through automated book store solution, provide an easy way of the searching, reserving and purchasing of books. It’s worth analyzing and identifying benefits as it would directly influence the productivity of the store. It provides required data quickly to the user and also in specified manner to the user.

This software can be easily implemented under various situations. Any education institute can make use of it for providing information about author, content of the available books in their library. Modifications can be easily done according to requirements

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and when necessary. The security issue is only the user who will login can order for a book and checkout.

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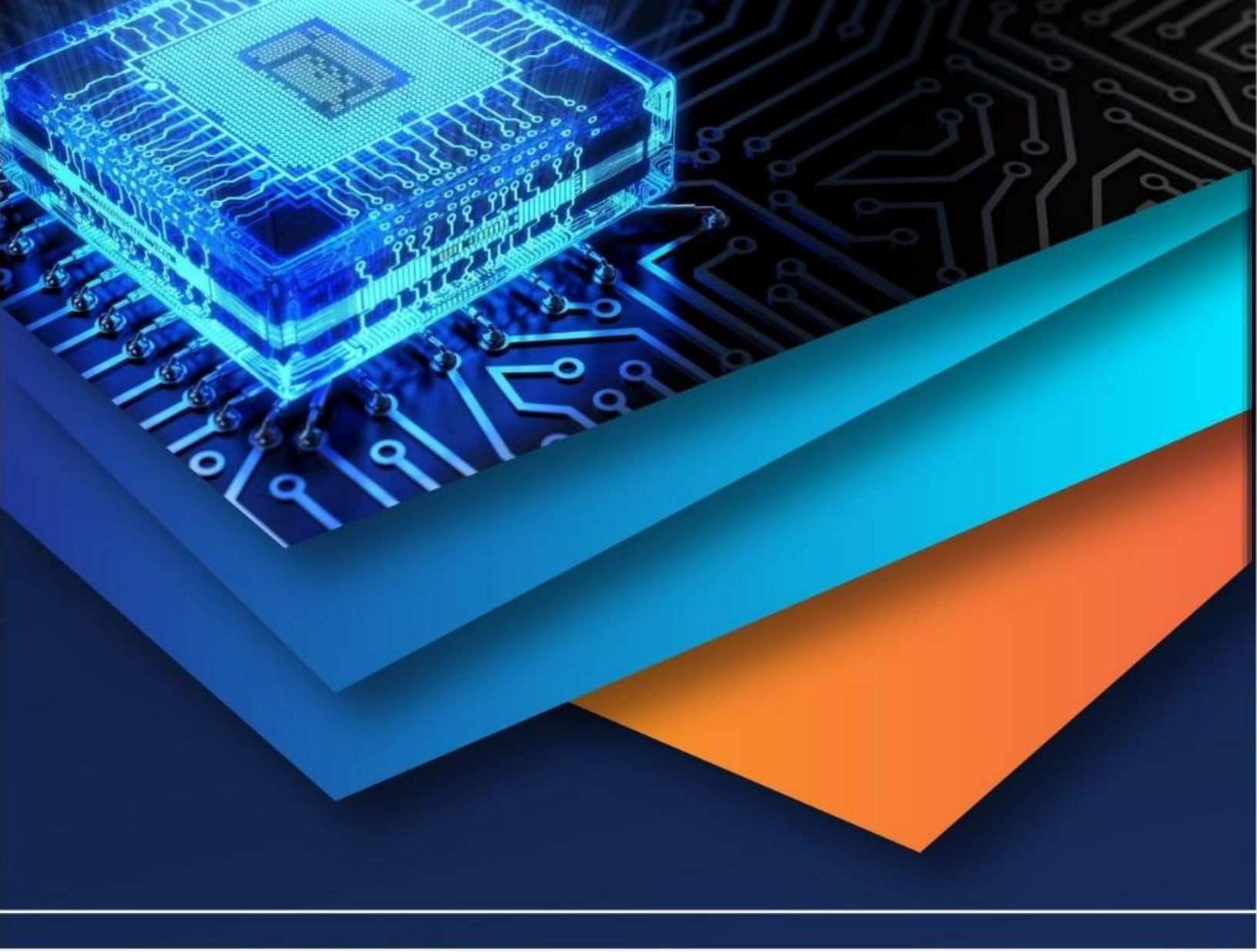

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