WEB BOOKS

Sell, Purchase, Donate

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Abstract: The process of conducting business using computer networks is thought of as electronic commerce. A user who is seated in front of a computer can use all the Internet's features to shop for or sell things. Unlike traditional commerce, which needs someone to travel out and acquire items, e-commerce has made it easier for people to eliminate physical labor and save time. E-commerce, which began in the early 1990s, has made significant progress within the computer world, but one factor that has slowed its expansion is security. Today's problem for e-commerce is security, and there are still lots of accomplishments to be made in this area.

The fundamental advantage of e-commerce over traditional commerce is that the customer can explore online businesses, compare prices, and place orders from the comfort of their own residence. B2B e-commerce is being adopted to produce access to global markets for enterprises in developing nations so as to extend the employment of e-commerce in developing countries. Advancement within the sector of e-commerce is critical for a developing country. The study strategy demonstrates the importance of e-commerce for business applications in emerging countries.

Index Terms – React JS, E-Commerce, Books, Web Application, Dynamic Website.

I. INTRODUCTION

E-commerce is quickly becoming a widely accepted and used business model. More increased businesses are developing websites that allow them to conduct commercial transactions over the net. It is fair to state that online purchasing is growing more common. The goal of this project is to form a general-purpose e-commerce store where anyone may buy any product (such as books, CDs, computers, mobile phones, electronic devices, and residential appliances) from the comfort of their house over the web. However, for the needs of implementation, this study will specialize in an internet bookstore.

A virtual store on the net where clients can browse catalog and choose products of interest is understood as an internet store. a cart is wont to collect the required items. The products within the handcart are displayed as an order at the instant of checkout. More information is going to be required at that point to complete the transaction. The customer will typically be prompted to fill out or select a billing address, an address, a shipping option, and payment information like a MasterCard number. As soon because the order is placed, the customer receives an e-mail notification.

1.1 Challenges
Challenges during creating websites

- User Interface:
  In this, we do not know how our website goanna looks, so we made multiple samples to give the user a simple and easy website to use. We also provide easy navigation on the website.

- Connectivity to Database:
  In this, we face issues during connecting to the database, sometimes database crashed or it does not show the desired result.

- Online Payment Method:
  In this, we do not know which type of online payment method owner accepts so, it causes issue to the user if they do not have same online payment method. So, we make sure that we use all the payment options.

- Performance and Speed:
No one likes slow websites. It is difficult to maintain the performance of a website and reduce load time.

1.2 Requirements
Requirements for using website.

1.2.1 User Interface
We required a browser for interface.

1.2.2 Internet
We required the internet to load data from the server.

1.3 Major areas of function
There are 3 major areas in which our website function.

1.3.1 Sales
Website should at least be generating sales and/or quality leads.

1.3.2 Customer Service
Website can offer or improve customer service. For example, frequently asked questions and contact details.

1.3.3 Community
Website provide platform to contribute in community.

1.4 Technology Used
We use various technology to create websites. Major ones are:

1.4.1 React JS
React is a JavaScript library for creating user interfaces that is declarative, efficient, and customizable.

1.4.2 Mongo DB
Mongo DB is a major NoSQL database and an open-source document database. MongoDB is written in the C++ programming language. This course will teach you the Mongo DB ideas you'll need to build and deploy a highly scalable and performance-oriented database.

1.4.3 Postman
Postman is a tool for testing Application Programming Interfaces (APIs). API provides a connection between two or more apps by acting as an interface between them.

II. Literature Review

- In today's commercial world, e-commerce is booming. Electronic commerce is known as e-commerce. Ecommerce (Electronic commerce) entails the acquisition and sale of products and services, likewise because of the transmission of payments and data, over a network, most typically the web.

- Electronic commerce (E-commerce) may be a paradigm change that affects both marketers and customers. E-commerce, on the opposite hand, is just another technique to enhance existing company operations. It is pioneering a whole transformation of the standard business model. This huge shift in business paradigm is gaining traction across the planet, and India isn't any exception. E-commerce has grown in popularity because of widespread internet use, and entrepreneurs, particularly start-ups, are increasingly turning to the current alternative as a differentiating business strategy.

- Moreover, E-commerce has a big environmental impact. Although the concept is widely employed in today's corporate environment, it is yet to be fully explored. The purpose of this study is to explain the present state of E-Commerce and to look at E-Commerce trends. The study goes on to look at the key factors that influence the success of E-commerce business models.

- In today's commercial world, e-commerce is booming. it is a paradigm change that has an impression on both marketers and customers. E-commerce, on the opposite hand, is quite just another technique to enhance existing company operations. It's pioneering an entire transformation of the normal business model. This huge shift in business paradigm is gaining traction across the planet, and India is not any exception. Furthermore, E-Commerce has the flexibility to scale back pollution, so having a considerable impact on the environment.

- Consumers who purchase goods and services through E-Commerce have the liberty to buy when and where they choose, moreover because of the ability to check the merchandise, the seller, and the other accessible possibilities. The supply of online information has changed the way people shop. E-commerce will be wont to purchase anything that may be purchased in a very physical store, including perishables like groceries. Consumers across the planet have embraced these possibilities.

- According to an Ascham analysis, the e-commerce business in India is predicted to achieve $38 billion (about $120 per person in the US) in 2016, a major increase from the $23 billion (about $71 per person in the US) revenues recorded in 2015. Increased internet and smartphone usage, furthermore because of the acceptance of online payments, are all factors to contemplate Companies have a one-of-a-kind opportunity to interact with customers due to favorable demographics.

Their clients. Mobile commerce (m-commerce), on the opposite hand, is fast expanding as a market. The e-commerce business needs a reliable and secure supplement. Buying things over the web Smartphones have proven to be game-changing. M-commerce is believed to have the potential to assist. They could lose up to 70% of their total revenue.

- Because our research is conceptual, it releases plenty of possibilities for future research, both in terms of theory building and concept confirmation. Within the case of ecommerce, a more empirical study is going to be required to refine and elaborate conclusions.

- The study is eye-opening for scholars who are addicted to E-commerce. This review paper will provide readers with the data they have to realize an improved knowledge of the important variables of the recent E-commerce platform that is altering the industry.

II. RESEARCH METHODOLOGY

The research design and methods accustomed investigate the position and dispositions of the distributing actors within the literary field, similarly because the actors' strategies and therefore the social necessities and suppression of potential enabling and constraining e-books on the book market, are presented during this chapter. Surveys and interviews with the actors were performed to find out more about their condition, including their positions, tensions, methods, societal necessities, and potential suppressions. The info collection and analysis methods utilized for the public library and bookseller studies are presented during this chapter. The study's reliability and validity, still as its limits and ethical implications, are then presented.

3.1 Research Design:

One big study of e-book distribution was split into two empirical investigations, each that specialize in two separate individuals involved in one process. Two surveys were finished in public libraries and physical bookshops, and 17 semi-structured interviews were held with aggregators, physical booksellers, and subscription services between 2021 and 2022.

The ideas discussed before are relevant to the study design and have influenced it by shaping the event of research tools. The theoretical framework was helpful within the development of questionnaires, interview schedules, and data thematic analysis.

A library survey and two bookshop surveys were included within the initial research design. A previous survey of 17 public libraries was conducted before the beginning of this thesis project, and it revealed the public libraries' interest and willingness to reply. The plan was to conduct one survey of booksellers early within the thesis research then a second two or three years later.

3.2 Analysis:

This concept is analogous to an internet shop where books could also be purchased from the convenience of one's house. A virtual bookstore on the net where clients can browse the inventory and choose books of interest is thought of as a web bookstore. The user can choose between an outsized numbers of books, which are then added to their cart. The products within the cart are displayed as an order at the instant of checkout. More information is going to be required at that point to finish the transaction. Typically, the customer is going to be prompted to fill out basic information like their billing address, shipping address, shipping option, and payment information like their MasterCard number.

IV. Implementation

The realization of an application, or the execution of a plan, idea, model, design, specification, standard, method, or policy, is known as implementation.

4.1 Use Case Diagram

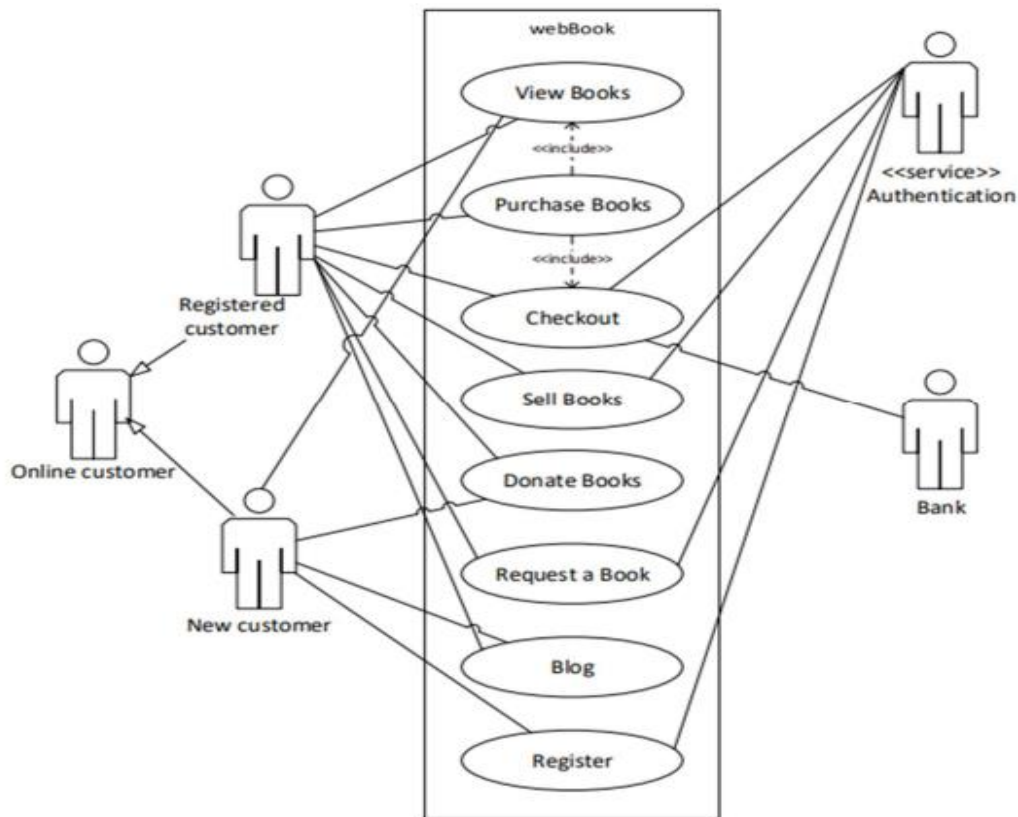It is a visual representation of how a user might interact with a technology.

Fig 4.1: Use case Diagram Show how different users can interact with website.

4.2 Figures:

4.2.1 Home Page:
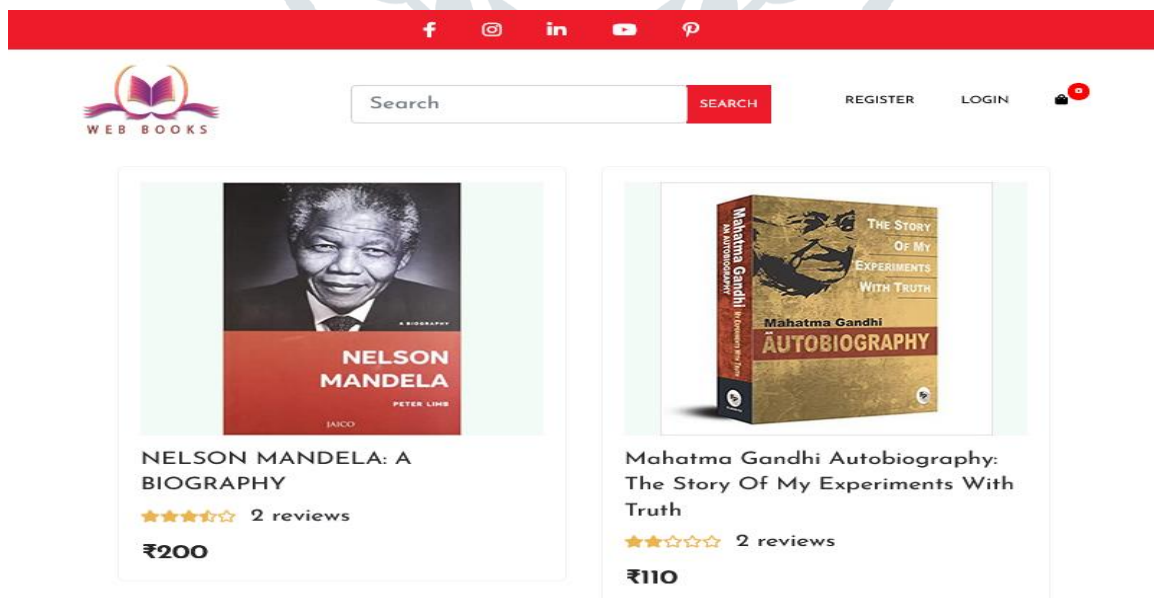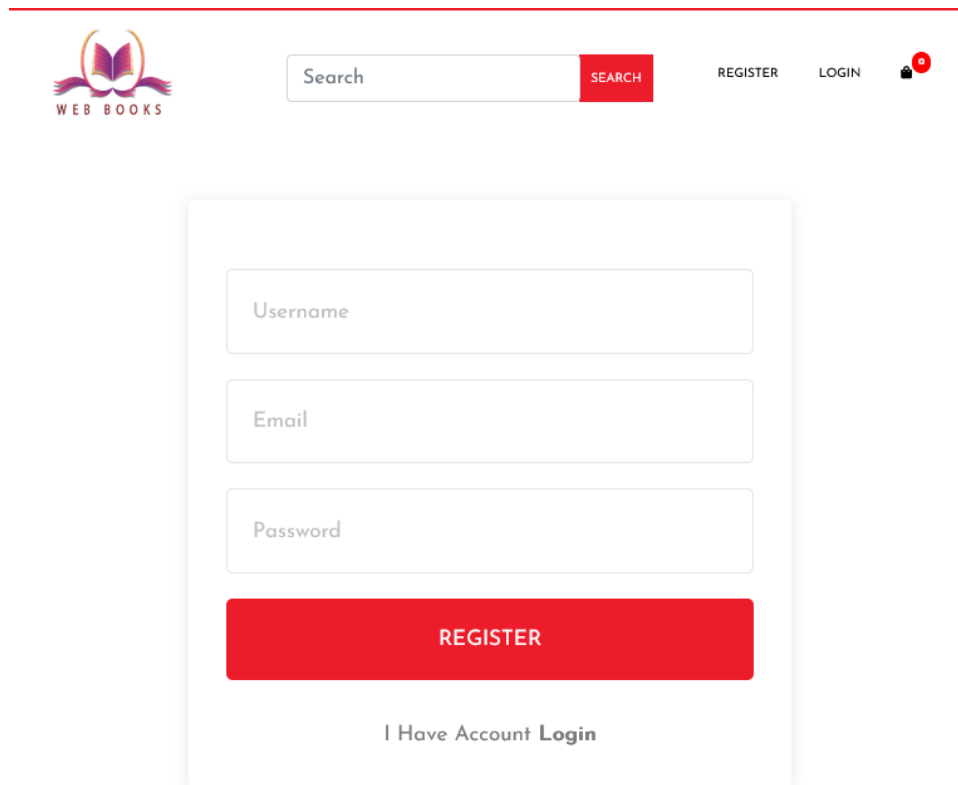
First page of website. It contains links to other pages.

Fig 4.2: Home page of website

4.2.2 Register Page:
   Users can register themself in this page.
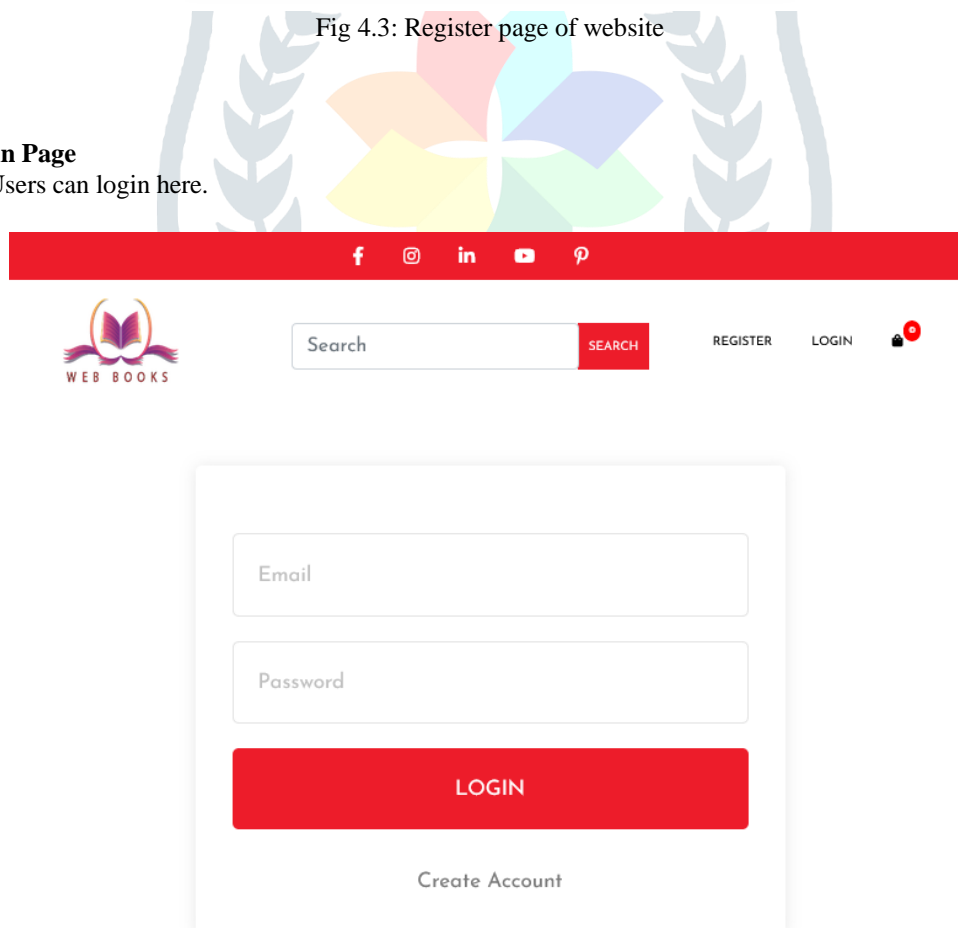
Fig 4.3: Register page of website

4.2.3 Login Page
   Users can login here.

Fig 4.4: Login Page of website

4.2.4 Cart Page

All product present in cart show here.

Fig 4.5: Cart page of the website
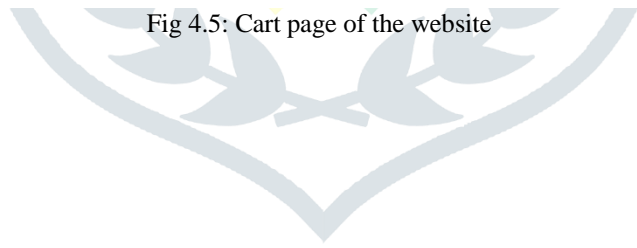
4.2.5 Checkout Page

Users can complete transactions here.

Fig 4.6: Checkout Page

V. CONCLUSION

If a developing country implements e-commerce properly and efficiently, it is going to be able to modernize. It will boost its output and supply it with a competitive edge.

Consumer behavior has changed because of the net and digital items, like how consumers obtain information and books. The introduction of internet booksellers has resulted in an exceedingly larger distribution of books. Readers have access to an oversized number of book titles. Online access to low-cost or no-cost e-books Consumers are wary of paying an excessive amount for e-books as a result. E-book prices are exorbitant. Are therefore deemed harmful not only by the shoppers but also by the commercial actors during this research some respondents stated that a consumer is searching for the simplest price. Prepared to pay, which an e-worth book is closer to it of a paperback than that a hardback book.

The effect on the new entrants – aggregators and subscription services and the Ecommerce has benefited from advances in information technology (IT). It is now much easier to hitch a replacement market, and marketers can simply assess the performance of their product and organization. A rising number of companies in a truly short of areas, including banking, education, commerce, and tourism, have improved their services by integrating technology into their service delivery processes. Although technological integration in services is becoming more frequent, a little academic study has been done to analyze its impact. Ecommerce-related concerns also are on the increase, posing a severe threat to its bright future and necessitating proper marketing strategies on the side of marketers. If marketers are to achieve success during this new business model, the research on E-commerce suggests a variety of aspects that must be considered. Consistency of transaction steps, consistency of computing device design, replacement guarantee, Commerce services, consistency of promotions, consistency of in-stock indications, consistency of product variety, location-based services, multiple payment options, right content, shipment option, the legal requirement of generating invoices for online transactions, and quick shipments are the factors that may significantly contribute to the success of the E-Commerce industry and may be focused on.

VI. ACKNOWLEDGMENT

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