

## Advanced E-commerce Website

Prof. Promod Patil, Shravani Parsewar

Electronics and Telecommunication Department (ENTC)

**Abstract** — *E-commerce is booming in today's economic world. E-commerce is the term for online shopping. Electronic commerce (E-commerce) refers to the buying and selling of goods and services as well as the sending of money or data over an electronic network, most often the Internet. E-commerce is a paradigm change that has an impact on both marketers and consumers. E-commerce is instead more than simply another tool to expand the current business models. It is driving a total transformation of the established business model. India is not an exception to the remarkable rise this substantial change in business paradigm is experiencing worldwide. Massive internet use has contributed to the expansion of e-commerce, and start-ups in particular have been adopting this option as a distinctive business model more and more.*

**Keywords** — *businesses, Ecommerce, Start-ups*

### I. INTRODUCTION

We have seen a significant advancement in technology over the last few years. Every industry has seen a substantial shift as a result of technological advancements, which has led to a rise in demand for the services. Consumer behavior is evolving quickly; today's connected, empowered consumers demand an unheard-of level of convenience and service. To close the gap Many businesses have been working really hard to meet and exceed their customers' expectations. proper interaction with outstanding customer satisfaction. Online stores that sell electronics may fall under the category of "online shopping," when customers connect to the seller's computer directly through the internet. Anyone who is seated in front of a computer can use all the features of the

internet to buy or sell goods. By selecting the available items from a website, the online shopping system facilitates online purchases of goods, services, and products (E-Commerce site). For people who don't have time to travel to the store, the go-cart is extremely helpful. A crucial element used in E-commerce to assist customers making online purchases is the go-cart. Electronic payment or cash on delivery are both accepted for the buy and sale transaction. When a user logs into an e-commerce website, a go-cart is automatically formed, and when the user selects an item, the cart will grow. The user has the option to remove the selected item from the cart if he decides it is not beneficial for him. Crystal Reports has the ability to generate reports in a variety of formats, including bar graphs, pie charts, and table-style charts, among others. The suggested approach aids in creating an online store where products may be purchased or sold utilizing an internet connection.

### LITERATURE REVIEW

For collection of data related to E-commerce Website I have referred many papers some of them which I found much useful are as follows.

E-commerce refers to the buying and selling of goods and services as well as the sending of money or data over an electronic network, most often the Internet. E-commerce is a paradigm change that has an impact on both marketers and consumers. It is driving a total transformation of the established business model. [1].

The report has identified some trends and variables that would fuel continued expansion of the Indian e-commerce business. To attract and keep a larger audience, businesses must dedicate themselves to the delivery of services and the use of online marketing. It is projected that the share of digital payments will increase, and for this to

happen, businesses must establish safer payment infrastructure [2].

E-commerce has given new definition to the business; product selling has completely changed. This research paper focuses on, how ecommerce sites working on customer engagement. Further, our research paper gives a better idea about quality brand check-in E-commerce websites. The internet and technology both play significant roles in the function of eCommerce in customer engagement. E-commerce will dominate the market for goods in the next five to seven years. To support e-commerce in India, the Indian government is making a determined effort [3].

## METHODOLOGY

The process of modifying the code, modules in HTML, CSS3, JavaScript, and Bootstrap for designs, interfaces, and information for a system to satisfy bare necessities is known as E-commerce website design.

**HTML:** Hypertext Markup Language (HTML) Cascading style sheets, a new technology, might replace many HTML tables and be used to manage the layout of a website. Depending on the website's design, the header and body by combining the body text, sidebar, and footer of a webpage different cell. The web designer might also include each link button in the sidebar and header to a different cell so that he or she might specify special characteristics for each button. The web designer will then do so within the page's body. Also, might split the graphic and textual components into several cells to control spacing and other characteristics separately.

**CSS:** If you want to add styling to your page, CSS can be a good option. You can accomplish this by linking the CSS document into your HTML page. Selectors and properties on this page then have an impact on the tags in your html text. In 1996, CSS was first released. It was designed to save users from having to repeatedly type large amounts of code. As an example, we will now use the tools and change the background to a huge variety of

colors because CSS has now grown more accustomed to having more options.

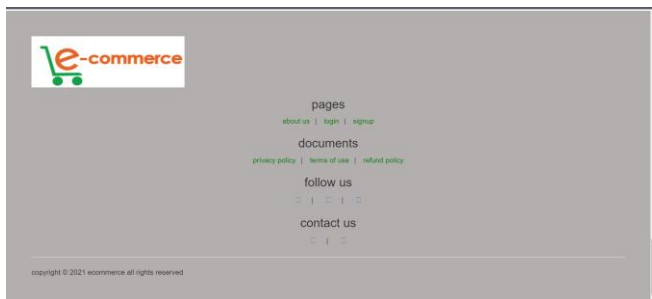
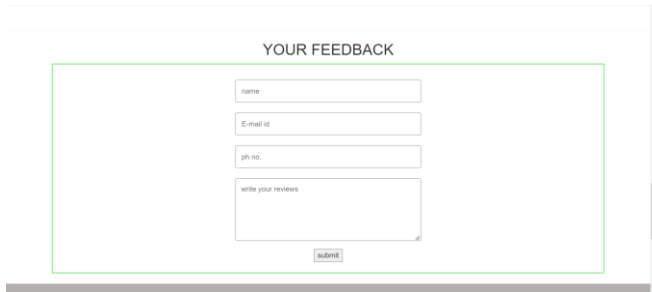
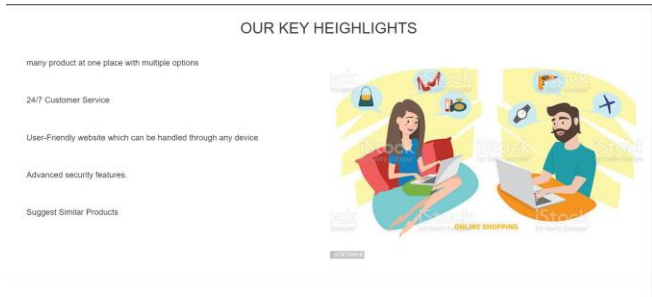
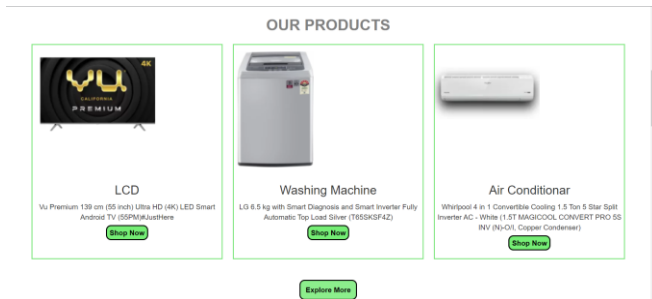
**Bootstrap:** Bootstrap is a web framework that aims to make the development of educational websites simpler. The main reason for including it in an online project is so that the project may make use of Bootstrap's color, background effect, mobility size, font, and layout options. Therefore, the main determinant is whether or not the responsible developers find those options appealing. All HTML components have basic style declarations once Bootstrap is introduced to a project. Prose, tables, and form components all have the same appearance as a result across web browsers. Additionally, developers can take advantage of the CSS classes provided by Bootstrap to modify the appearance and structure of their tools and contents. For lighter and darker tables, more pronounced pull quotes, and page titles, Bootstrap is employed.

**PhpMyAdmin:** A free, open-source PHP database management tool called phpMyAdmin is designed to administer MySQL databases on the web. In addition to database management, table management, field management, relation management, index management, and performing and executing queries, it also provides table management, relation management, and index management. It frequently imports data from outside sources and performs archive backups as part of its backup and import operations.

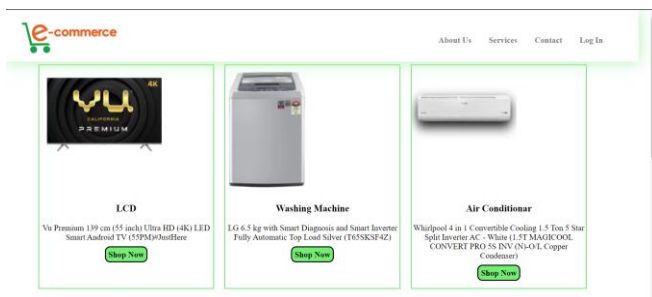
## II. RESULTS AND DISCUSSIONS

### 1. Home Page

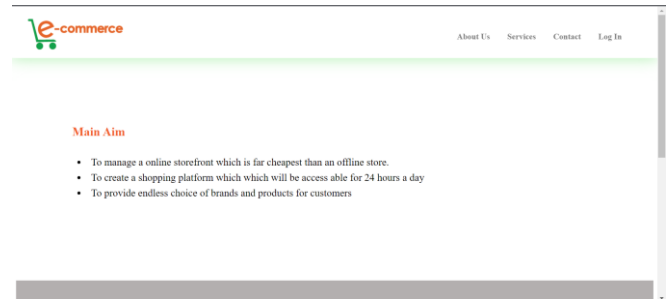




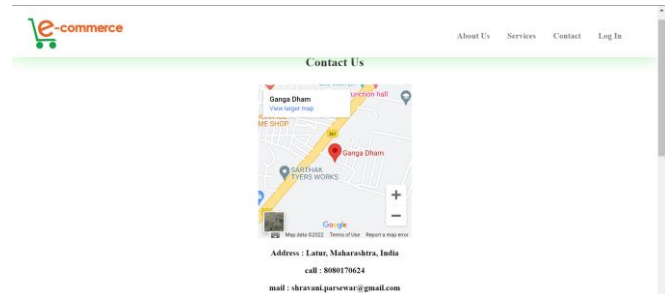
## 2. Service Page



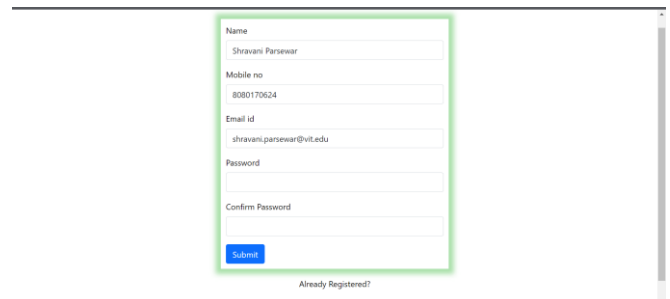
## 3. About Us Page



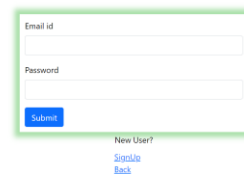
## 4. Contact Us Page



## 5. SignUp Page/ Register Page



## 6. Login Page



## III. LIMITATIONS

This website is not fully completed yet as I have not added payment methods, add to cart functions here. Also, I have not created this website for multiple sellers. That means I can create this website for both multiple customers as

well as for multiple sellers, due to which we can have multiple options for products from multiple sellers.

#### IV. FUTURE SCOPE

The benefits to companies that achieve Business-to Customer (B2C) e-Commerce are compelling. Effective B2C e-Commerce implementations can help organizations realize substantial cost savings, increase revenue, provide faster delivery, reduce administration costs, and improve customer service. Thus, e-Commerce might be a major area for research thanks to its novelty and exploding growth. Extensive research in E-Commerce implementation studies indicates that the definition of implementation has been argued and confusing for researchers. Development of E-commerce is done by B2B and B2C and help the customer to fulfill the requirement.

#### V. CONCLUSION

This research paper reflects how e-commerce websites have evolved. While understanding the specifics of its various parts, with a focus on B2C online shopping. which has displayed are most in due of rising consumer demand in recent years awareness, investor confidence, and technical development. The research has also shown several trends and element which will encourage more e-commerce growth India's market. Sustainable business methods include to promote the complementarity of m-commerce and e-commerce rather than alternatives to conventional business. The online and offline companies will work together more effectively increase effectiveness and result in a more stable life. The longer term also includes a scenario when an increase in specialty firms, mergers, and acquisitions purchases that will enable

Development Project. I would like to thank sir because he gave me suggestions time to time. Which will be very valuable for me during my future work also. I would also like to thank all the authors of the research papers I used because of whom I was able to explore more about my knowledge about Ecommerce website which was required for this project.

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