



SYNOPSIS
ON
TechMart-Shopping

Submitted by:

Swapnil Sharma, G (191500838)
Shivangi Gupta, G (191500767)
Shivansh Mishra, M (191500773)
Adarsh Trivedi, G (191500050)

Submitted to:

Mr. Mandeep Singh
Technical Trainer (CEA)

INTRODUCTION

TechMart is an online store with a global presence. It provides a variety of product choices and provides a great user experience and splendid customer service. Besides putting prominence to personalization, TechMart also monitors user browsing and purchase patterns in order to offer them recommended products for future purchases. It operates in India as per the market place than the retailer.

With the help of the TechMart Shopping website, we provide products with reliable prices that meet all kinds of basic needs of the customers.

It helps in collecting the entire management in detail in less time. Our project's goal is to try the various computerized process of an online e-commerce system. It generates reports on products related to clothing, electronics, home appliances, and decorations, filters reports on item category, delivery address, shopping cart, customer orders, and also provides search-based suggestions.

EXISTING SYSTEM

TechMart will primarily serve as a platform for buying, selling, and distributing commodities, products, and services through the Internet and other networks. It will allow a client to compare a product with another vendor, even if the business is only open during the day. The e-commerce site is accessible 24 hours a day, seven days a week.

Compared to traditional stores, TechMart offers several advantages, such as reaching the pricing of a product with other e-commerce websites and returning any goods if the consumer hates them.

Registration Page:

To use the system, the users will need to register in the system, and for registration, they need to provide various information related to them such as name, address, etc.

Search bar:

This provides users with an option through which they can search the product they want to purchase.

Cart:

After selecting a product, if the user wants to purchase it, they can save it in the cart.

Purchase History:

This will show the purchase done by the user in the past.

USE OF THE PROJECT

Customers benefit from Tech-mart (E-commerce platform) since they do not have to leave their homes and purchase items unavailable in neighboring stores by browsing the website online. It has the potential to assist clients in buying a more extensive selection of things while also saving them time. Consumers gain power as well when they purchase online. The importance of having your website in your e-commerce strategy cannot be overstated. It's a fantastic opportunity to build your business, get loyal consumers, learn new things, and be more creative with your marketing. Online shopping is a type of electronic commerce that allows customers to buy products or services directly from a vendor using a web browser via the Internet.

On the other hand, E-commerce lacks personal engagement for customers, particularly those who prefer face-to-face interactions. Customers are also worried about online transaction security and choose to stick with well-known merchants. Customers may also access their order history and track it online.

FEASIBILITY OF PROJECT

We, the team Tech Mart Shopping taking all the pros and cons of all types of e-commerce sites, decided to create a suitable and reliable platform to suggest and provide the most affordable product in terms of price, quality, and care services. Currently, we are working with Clothes, Electronics, Decoration, and Home appliances and wish to move forward in the upcoming days.

With all these, the website is prepared with the proper security features, and we always try to maintain the customers' privacy. The UI and all other functions are straightforward and reliable to use. TechMart is mainly focused on the easiness and need of the users.

There are some key points to represent the feasibility:

- 1) The UI of the website is easy to understand and overall user-friendly.
- 2) Designed with considering almost all security features.
- 3) There are no hidden terms & conditions.
- 4) Working with four standard and relevant products according to customers' requirements.

FUNCTIONAL **SPECIFICATION**

TechMart is mainly focused on recommending and providing the proper good services. We are currently focusing on garments, electronics, decorations, and home appliances and hope to progress in the following days.

With all of this, the website is equipped with appropriate security safeguards, and we make every effort to protect our clients' privacy. The user interface and all other functionalities are reliable and straightforward to use. TechMart is primarily concerned with the users' convenience and requirements.

The website is designed to consider all the significant features like 3rd party integration when required, mobile responsiveness, product attributes, order & checkout flow, and social sharing.

Software Specification:

- Technology Implemented : Firebase, Linux Server, Xampp
- Language Used : HTML, CSS, JS, SQL, React PHP, Python,
- Database : Firebase
- User Interface Design : Visual Studio Code, GitHub
- Web Browser : Chrome, Edge, Firefox.

Hardware Requirements:

Minimum Requirements are:

- Processor : Intel i3
- Operating System : Windows 7
- RAM : 2 GB
- Hardware Devices : Laptop/PC, Mouse, Keyboard, Internet-Connection
- Hard disk : 15-20 GB of Free Space
- Display : Requires 1366 by 768 resolution

FUTURE SCOPE

In fact, India has shown tremendous growth in the e-commerce sector. The emergence of new technologies such as chatbots, robots, and AI has enhanced customers' shopping experience and has changed the e-commerce business. The elimination of long distances and geographical limitations is possible due to the e-commerce business. E-commerce is increasing day by day due to the growing use of the Internet. Selling merchandise over the Internet has become so easy that no stress is required while shopping as the e-commerce industry is flourishing and booming and will continue to evolve as per the expectations. Transfer of goods & services between consumers and online shops is becoming so easy just because of e-commerce.