

E-COMMERCE WEB SITE BY FRONT END



WEB DEVELOPMENT

A project report submitted by partial fulfilment of the requirements
for the award of degree of

BACHELOR OF COMPUTER SCIENCE

Submitted By

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PYDAH DEGREE COLLEGE

Under the esteemed Guidance of
DEPARTMENT OF COMPUTER SCIENCE
PYDAH DEGREE COLLEGE (U.G.COURSES)

(Affiliated to Andhra University)



Rednam gardens, Visakhapatnam-02, 2020-2023

PYDAH DEGREE COLLEGE

(Affiliated to Andhra University)

Rednam Gardens, Visakhapatnam-02

BONAFIDE CERTIFICATE

This is to certify that the project report titled "E-COMMERCE WEB SITE BY FRONT END WEB DEVELOPMENT" Submitted by "SINGUPURAPU SURYA" in

partial fulfillment of the requirements for the award of the degree of the BACHELOR SCIENCE at

Department of computer Science, PYDAH DEGREE COLLEGE, Rednam

gardens, Visakhapatnam is Bonafide record of the work done by him\her under my supervision.

INTERNAL GUIDE

NODAL OFFICER

PRINCIPAL

CH.GANGA

BHAVANI

DIKKALA SATEESH

Mr S.V.S .prasad Garu

EXTERNAL EXAMINER

DECLARATION

I SINGUPURAPU SURYA (RegNo.720131705140) bonafide student of BSC, in PYDAHY DEGREE COLLEGE ,affiliated to ANDHRA UNIVERSITY, Vishakhapatnam would like to declare that the project entitled E-COMMERCE WEB SITE BY FRONT END WEB DEVELOPMENT submitted by me in partial fulfillment of the requirements for the award of the degree is my original work.

DATE:

NAME : SINGUPURAPU SURYA

Reg.No: 720131705140

PLACE:

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of any task would be in complete without mention of the people, who made 9/52 whose constant guidance and encouragement crowned our efforts I take this opportunity to express my deepest gratitude and appreciation to all those who have helped me directly or indirectly towards the successful completion of this project.

I take this opportunity to thank our Principal, Mr S.V.S .prasad for providing all sorts of help during the project work.

I express my heartfelt thanks to DIKKALA SATEESH , Nodal officer, and team for giving us facilities to carry out my project.

It is great pleasure in expressing deep sense of gratitude and veneration to our project mentor, CH.GANGA BHAVANI Lecturer in COMPUTER SCIENCE for her valuable guidance & thought-provoking discussion through the course of the project.

I express my thanks to my parents and my family members, who gave me support in completing my project.

Finally, I am thankful to all our friends who have helped me in some way or the other in getting towards the completion of this project work.

Place:

Date:

Name: SINGUPURAPU SURYA

Reg.no:720131705140

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PROJECT REPORT.

1.INTRODUCTION:

1.1 OVERVIEW:[E-COMMERCE DESCRIPTION]

MY PROJECT NAME IS E-COMMERCE:

The E-commerce: Shoe Store is a web application that provides the user to watch various shoes according to the categories like running, best performance shoes, etc. It allow users to move their shoes to the cart and accordingly shows how much items are their in there cart and shows price as well. Contains bootstrap items like carousels, cards, etc which can be helpful for and can be used to learn new things for future references.

1.2 PURPOSE:

An ecommerce website is your digital storefront on the internet. It **facilitates the transaction between a buyer and seller**. It is the virtual space where you showcase products, and online customers make selections. Your website acts as the product shelves, sales staff, and cash register of your online business channel.

2.LITERATURE SURVEY:

2.1 EXISTING PROBLEM:

One of the biggest Online Shopping Problem faced is security concerns. With cybercrime on the rise, consumers are becoming increasingly wary of sharing personal and financial information online. Hackers are constantly looking for vulnerabilities in e-commerce websites to steal customer data such as credit card information, addresses, and even login credentials. This can lead to identity theft and financial loss, which can be devastating for consumers.

1. Delayed Delivery.
2. Lack of Payment Options.
3. Complex Checkout Process.
4. Non-Mobile-Responsive Website.
5. Security

2.2 PROPOSED SOLUTION:

Fastrr: One-Stop Solution for All The Above Problems.

Fastrr is an efficient and frictionless end-to-end solution that helps businesses deliver the best customer experience from beginning to end. It offers the following benefits for businesses:

- **EDD (Estimated Delivery Date):** Fastrr shows the estimated delivery date of the shipments to the buyers to keep the customers in the loop of their shipments and keep them informed of any delays.

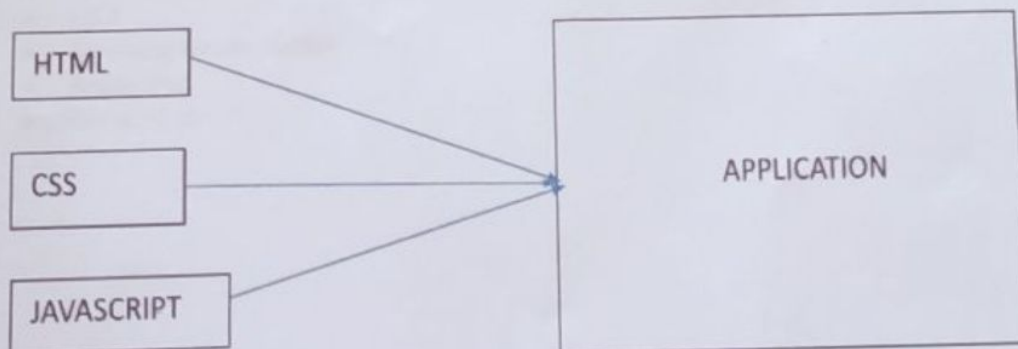


- **Multiple Payment Methods:** It offers multiple payment methods like UPI, COD, and several others to give customers flexible payment modes.
- **Address Prefill:** Fastrr uses three easy steps to give customers a quick and seamless experience from start to end.
- **Mobile-First Website:** A mobile-first website provides customers with an easy and seamless shopping experience.
- **OTP-Verified Login:** It uses OTP-verified login to avoid the hassle of passwords and provide a secure shopping experience to the customers.

3.THEORITICAL ANALYSIS:

3.1 BLOCK DIAGRAM:

Technical Architecture:



3.2 HARDWARE /SOFTWARE DESIGNS:

Hardware

Hardware is simple to access and obtain. Almost everyone has hardware in their home capable of helping them run a business. You must have quality equipment to successfully run a business and have a smooth startup process. The hardware you have will determine how easy your daily work is when running a small business. You need organization and the hardware needed will help you save money and time in the end.

1. External Hard Drive

Given that most things are done online these days it's important to have some kind of hard drive to store information in. External hard drives keep your business organized and your information in a secure place. You must invest in this type of equipment to maintain a successful running business online and physically. want to make sure you invest in security for theft cases.

2. Desktop/Laptop Computer

Everyone has one these days and it is crucial for any business who wants to grow and thrive to have a designated computer system. Make sure to invest in the equipment that will last and that is reputable for businesses. Finding a computer or laptop won't be hard due to the fact that they are sold everywhere, along with much technical equipment.

3. Network Server

Network servers are highly important for fast and easy speeds and databases. You will have access to more storage capacity and higher security. For your business, you want to stay away from using your computers network server and get one that is specifically dedicated to your business only.

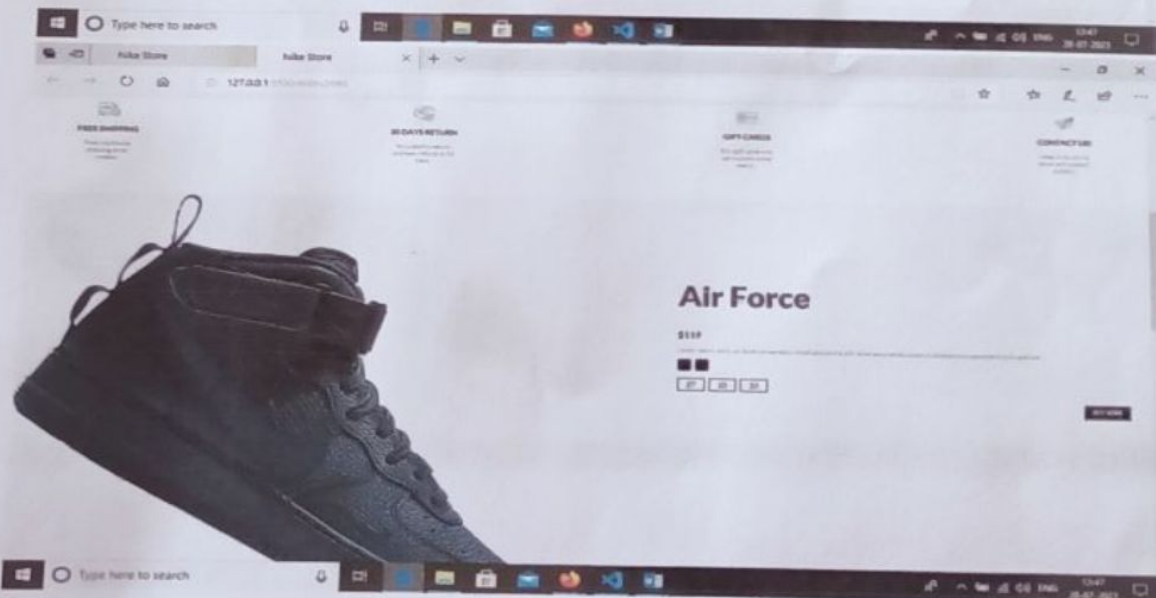
4. Mobile device

A mobile device is almost always necessary when running a business. There will be moments when you need to make professional calls and you don't want to use your personal phone. Having a device that is specifically for your business helps with organization and professionalism. From tablets to cellphones, its good to have a mobile device that you can take anywhere and handle business situations easily and conveniently. There are certain mobile devices that work for business purposes:

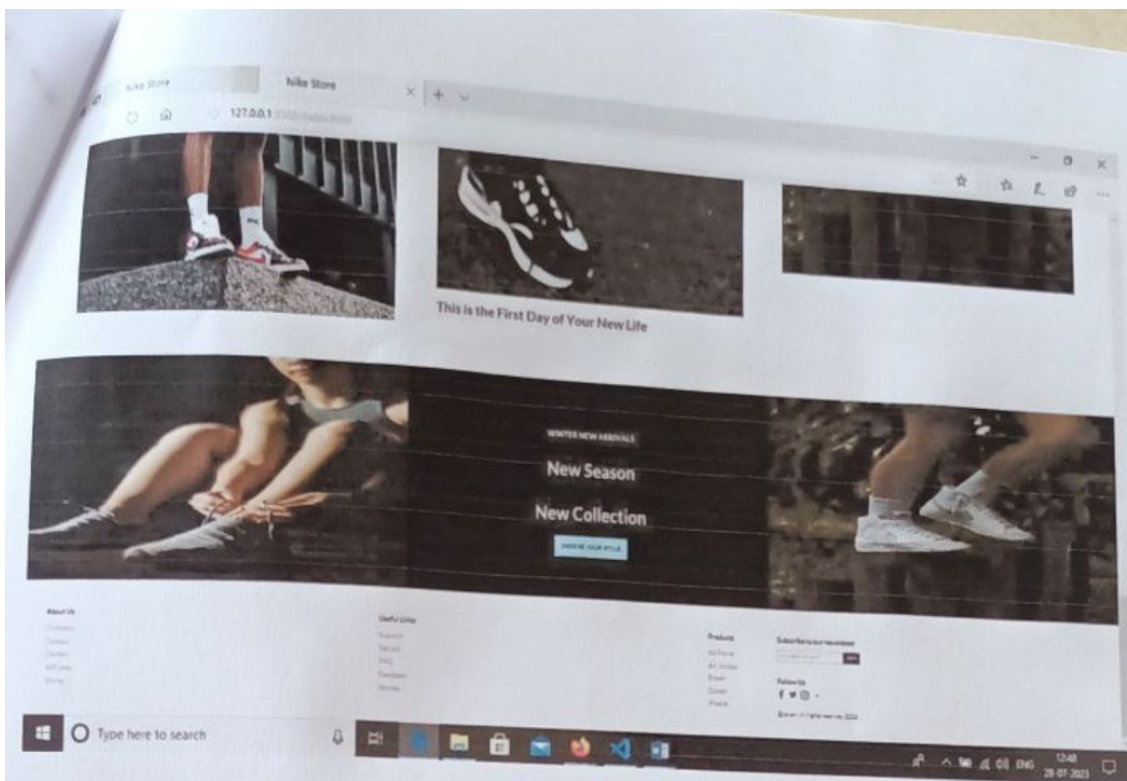
- iPhone
- Samsung Galaxy
- CAT S41
- Kyocera Brigadier
- LG X
- Samsung Galaxy Tablet
- Apple iPad
- Getac F110

4.RESULT:









5. ADVANTAGES AND DISADVANTAGES:

Advantages and Disadvantages of E-Commerce

Advantages 😊

- Order can be placed from anywhere at any time.
- Eliminates the operating cost.
- It helps in connecting with people all across the world.
- Retargets the customers.
- There is always detailed product information offered.

Disadvantages 😞

- There is no guarantee for the quality of products.
- Lack of personal touch.
- It doesn't give the luxury of trying before buying the item.
- Long delivery period.
- There is always a concern with security issues.

AplusTopper.com

6. APPLICATIONS:

Some well-known E-commerce Applications;

- Retail
- Accounting
- Production
- Trade
- Advertising
- Digital Shopping
- Web and Mobile Applications
- Digital Reservations
- Digital Media
- Internet Banking



7.CONCLUSION:

The E-commerce: Shoe Store is a web application that provides the user to watch various shoes according to the categories like running, best performance shoes, etc. It allow users to move their shoes to the cart and accordingly shows how much items are their in there cart and shows price as well.

8.FUTURE SCOPE:

More and more businesses will enter the e-commerce industry, and the scope for new products is higher because of the brands' growing understanding of the customers. Available market research is helping soon-to-launched brands curate products that meet the needs of new-age customers.