

# **DAYANANDA SAGAR UNIVERSITY**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
SCHOOL OF ENGINEERING  
DAYANANDA SAGAR UNIVERSITY  
KUDLU GATE  
BANGALORE - 560068**



## **MINI PROJECT REPORT ON “ONLINE SHOPPING WEBSITE”**

**SUBMITTED TO THE 4<sup>th</sup> SEMESTER WEB  
TECHNOLOGIES (19CS2405) COURSE**

**BACHELOR OF TECHNOLOGY  
IN  
COMPUTER SCIENCE & ENGINEERING**

*Submitted by*

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*Under the supervision of*

Prof. Gousia Thahniyath

# **DAYANANDA SAGAR UNIVERSITY**

**School of Engineering, Kudlu Gate, Bangalore-560068**



## **CERTIFICATE**

This is to certify that Amelin Fernandes and Amoolya.S bearing USN ENG19CS0028 and ENG19CS0030 has satisfactorily completed her Mini Project as prescribed by the University for the 4<sup>th</sup> semester B.Tech. programme in Computer Science & Engineering for Web technologies (19CS2405) course during the year 2021 at the School of Engineering,  
Dayananda Sagar University., Bangalore.

Date: \_\_\_\_\_

Signature of the faculty in-charge

Max Marks	Marks Obtained

\_\_\_\_\_  
Signature of Chairman  
Department of Computer Science & Engineering

## **ACKNOWLEDGEMENT**

From the very core of our heart, we would like to express our sincere gratitude to Prof.Gousia Thahniyath for his invaluable guidance, support, motivation and patience during the course of this mini- project work. We are always indebted to her for his kind support and constant encouragement.

We extend our sincere thanks to our **Chairman Dr. Sanjay Chitnis** who continuously helped throughout the project and without his guidance, this project would have been an uphill task.

It requires lots of efforts in terms of cooperation and support to fulfil various tasks involved during the project. We are always grateful to our peers and friends who have always encouraged us and guided us whenever we needed assistance.

Amelin Fernandes	ENG19CS0028
Amoolya S	ENG19CS0030

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## **ABSTRACT**

This project is a web based shopping system for an existing shop. The project objective is to deliver the online shopping application into android platform.

This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus the customer will get the service of online shopping and home delivery from his favorite shop. This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains.

If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won't be losing any more customers to the trending online shops such as flipcart or ebay. Since the application is available in the Smartphone it is easily accessible and always available.

## **1. INTRODUCTION**

### **PROBLEM STATEMENT:**

- To develop an easy to use shopping website for athletic wear using HTML, CSS and Javascript.
- As online shopping became a trend nowadays the regular shops are losing their customers to online brands. Customers have effortless shopping experience and saving time through shopping online. For competing with those online brands , if shops are providing an online portal where their customers can shop through internet and get the products at their doors it will increase the number of customers.

## **2. REQUIREMENT SPECIFICATIONS**

### **2.1. Introduction:**

#### **PART 1**

Here in this project we will learn to build an eCommerce website step by step using HTML and CSS. In this e-commerce website design we will create Home page of eCommerce website with banner section, some featured categories images then some featured products with product price, image and rating.

Then there will be more latest products, and one offer section with exclusive product. After that there will be testimonials and top brands section. At the bottom of website we will make footer with 4 columns.

After that we will make the drop down menu for mobile screen and we will make this complete website design responsive from mobile devices.

In next part we will make all products page, single product page, shopping cart page, login and registration page for this Ecommerce Website.

#### **PART 2**

Next we build an eCommerce website's products page. On this web page, we will add multiple shopping products, will design one drop-down products shorting options and at the bottom we will create pagination link with hover effect.

In next part we will make single product detail page, shopping cart page, login and registration page for this eCommerce Website.

#### **PART 3**

In next part we will learn to create an E-commerce website's products details page. On this web page, we will one products images gallery, product's name, price, add to cart button and at the bottom there will be some related products of this eCommerce store. In next part we will make shopping cart page, login and registration page for this Ecommerce Website using HTML and CSS.

#### **PART 4**

Here in this part we will learn to create an E-commerce website's shopping cart page. On this web page, we will add products images, product's name, price, quantity and remove link. After that there will be one HTML table to display subtotal price, Tax and total cost for shopping cart. In next part we will make login and registration page for this Ecommerce Website using HTML, CSS and JS.

#### **PART 5**

Here in this part we will learn to create an E-commerce website's Account page. On this web page, we will add login and registration form. We will add login and registration button that will allow user to switch between login and registration form.

**2.2. Software requirements :**

- Operating System – Windows 7 and above
- Programming Language – HTML,CSS,JS
- IDE– VSC

**2.3. Hardware requirements :**

- Processor: Intel Pentium III
- Hard disk drive :40 GB
- RAM :500 MB
- Cache:512 kb
- Keyboard, mouse and all other necessary hardware devices

### **3. CODE:**

- GitHub Link :  
<https://github.com/Amelinfernandes/Shopping-Website>
- Website Link :  
<https://amelinfernandes.github.io/Shopping-Website/>

## **4. APPLICATIONS & CONCLUSIONS**

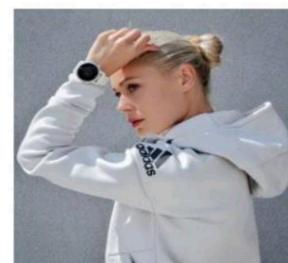
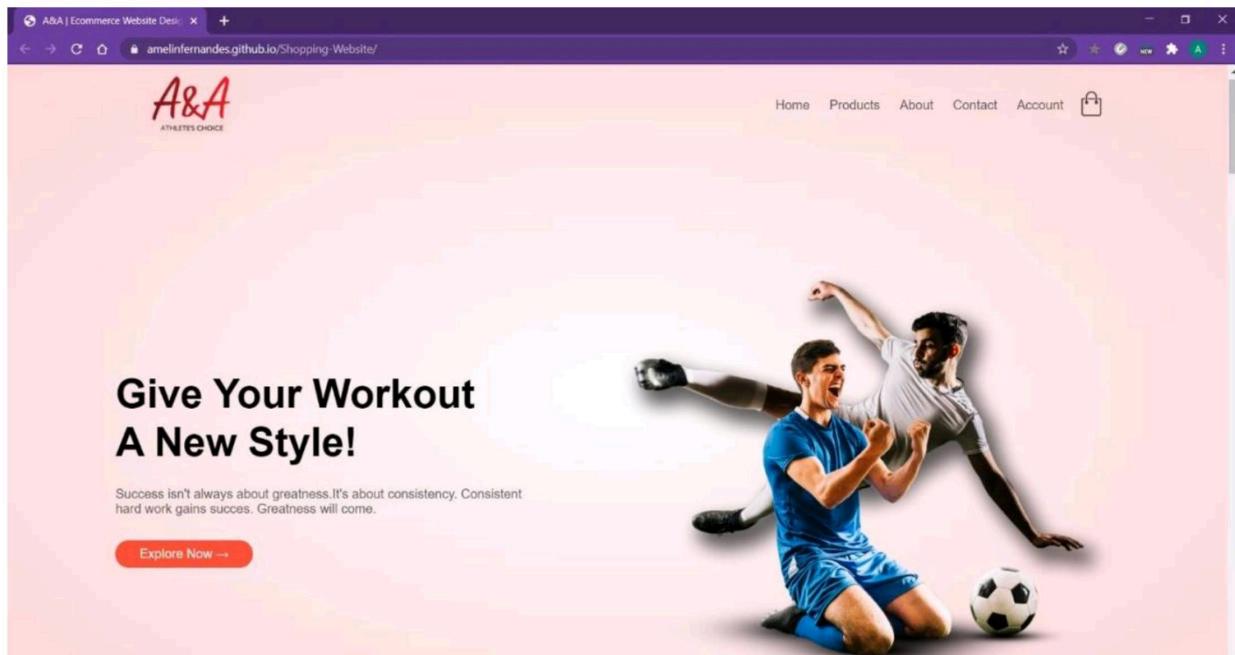
Technology has made significant progress over the years to provide consumers a better online shopping experience and will continue to do so for years to come. With the rapid growth of products and brands, people have speculated that online shopping will overtake in-store shopping. While this has been the case in some areas, there is still demand for brick and mortar stores in market areas where the consumer feels more comfortable seeing and touching the product being bought. However, the availability of online shopping has produced a more educated consumer that can shop around with relative ease without having to spend a large amount of time. In exchange, online shopping has opened up doors to many small retailers that would never be in business if they had to incur the high cost of owning a brick and mortar store. At the end, it has been a win-win situation for both consumer and sellers

## 5. SNAPSHOTS

- Website Link :

<https://amelinfernandes.github.io/Shopping-Website/>

### i) Main Page:



#### Featured Products



Red Printed T-shirt  
★ ★ ★ ★ ★  
\$50.00



Red Printed T-shirt  
★ ★ ★ ★ ★  
\$50.00



Red Printed T-shirt  
★ ★ ★ ★ ★  
\$50.00



Red Printed T-shirt  
★ ★ ★ ★ ★  
\$50.00



## ii) Products:



Home Products About Contact Account

### All Products

Default Sorting

Red Printed T-shirt ★ ★ ★ ★ ☆ \$50.00			
Red Printed T-shirt ★ ★ ★ ★ ☆ \$50.00			
Red Printed T-shirt ★ ★ ★ ★ ☆ \$50.00			
Red Printed T-shirt ★ ★ ★ ★ ☆ \$50.00			

1 2 3 4 →

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**A&A**  
ATHLETE'S CHOICE

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[Return Policy](#)  
[Joint Affiliate](#)

**Follow Us**  
[Facebook](#)  
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[Instagram](#)  
[Youtube](#)

### iii) Product-Details:



Home Products About Contact Account



Home / T-Shirt

## Red Printed T-Shirt by HRX

\$50.00

Select Size ▾

Add To Cart

### Product Details

Give your summer wardrobe a style upgrade with the HRX Men's Active T-Shirt. Team it with a pair of shorts for your morning workout or with denims for a evening out.



### Related Products

[View More](#)



Red Printed T-shirt  
★ ★ ★ ★ ★  
\$50.00



Red Printed T-shirt  
★ ★ ★ ★ ★  
\$50.00



Red Printed T-shirt  
★ ★ ★ ★ ★  
\$50.00



Red Printed T-shirt  
★ ★ ★ ★ ★  
\$50.00

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**iv) Cart Page:**



Home Products About Contact Account 

Product	Quantity	Subtotal
 Red Printed T-shirt Price: \$50.00 <a href="#">Remove</a>	1	\$50.00
 Red Printed T-shirt Price: \$75.00 <a href="#">Remove</a>	1	\$75.00
 Red Printed T-shirt Price: \$75.00 <a href="#">Remove</a>	1	\$75.00
<hr/>		
Subtotal		\$200.00
Tax		\$35.00
Total		\$230.00

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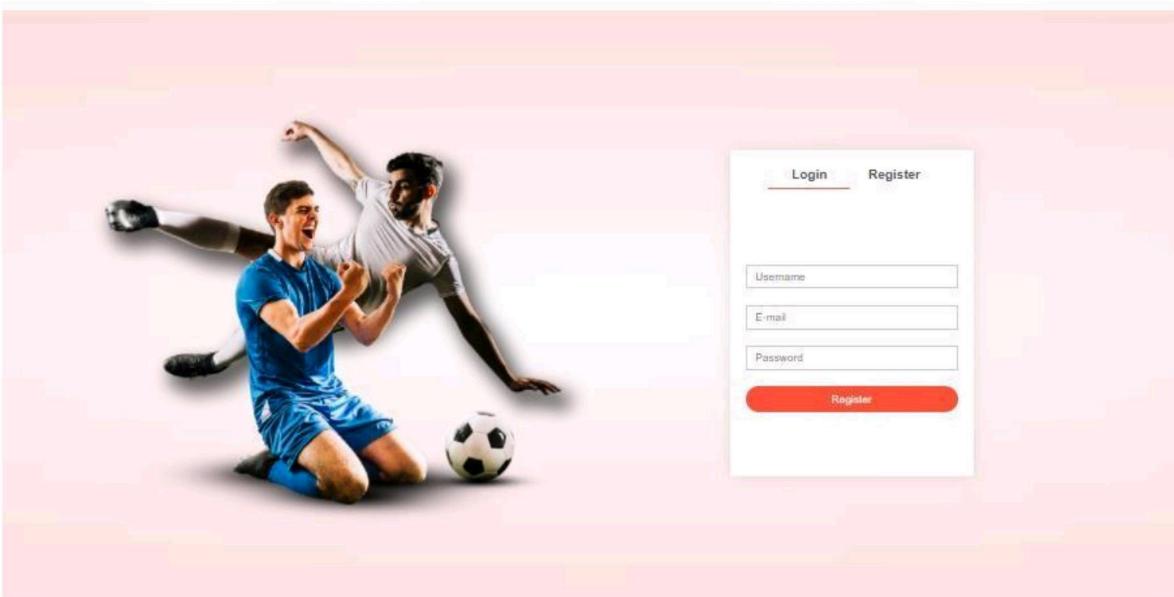
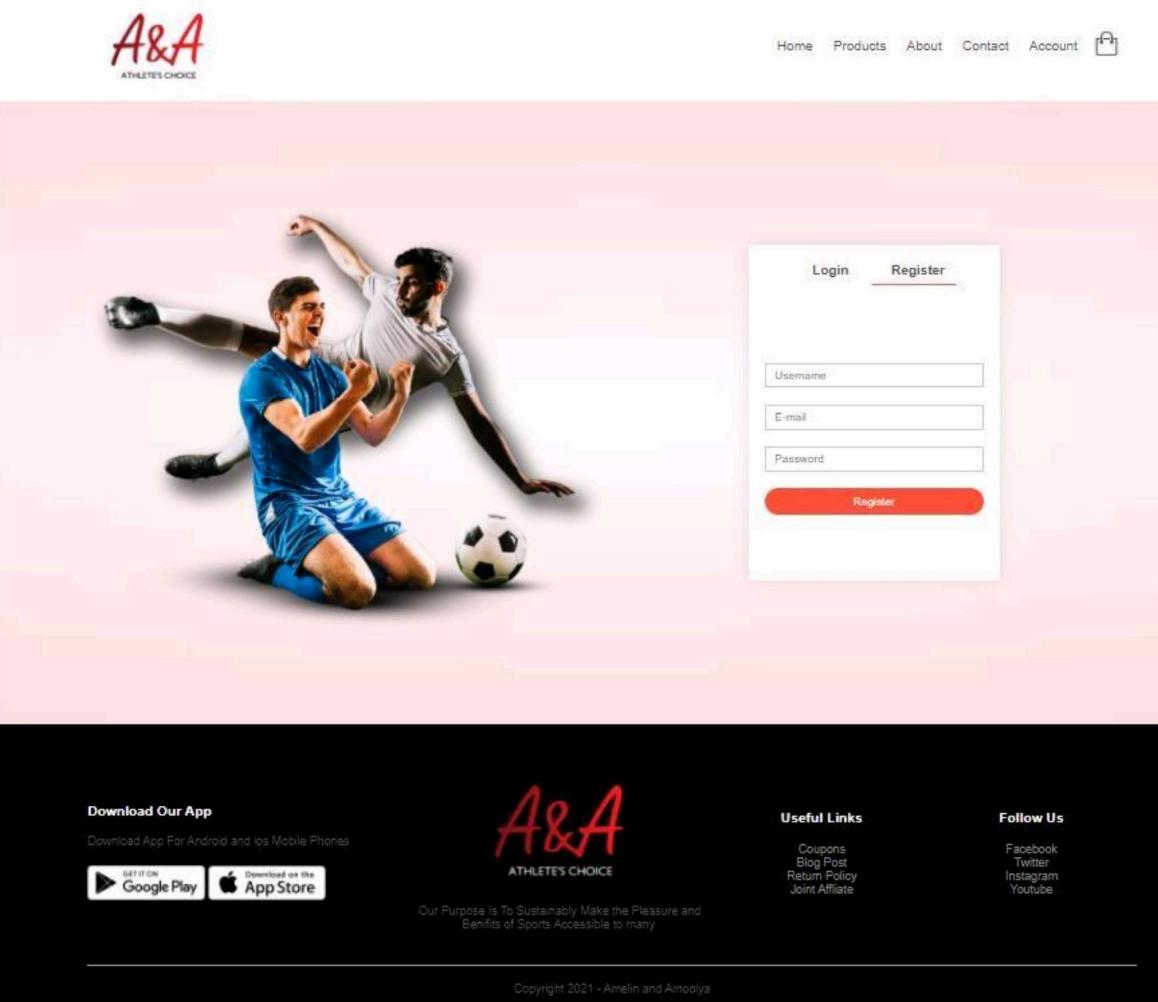
Our Purpose Is To Sustainably Make the Pleasure and Benefits of Sports Accessible to many.

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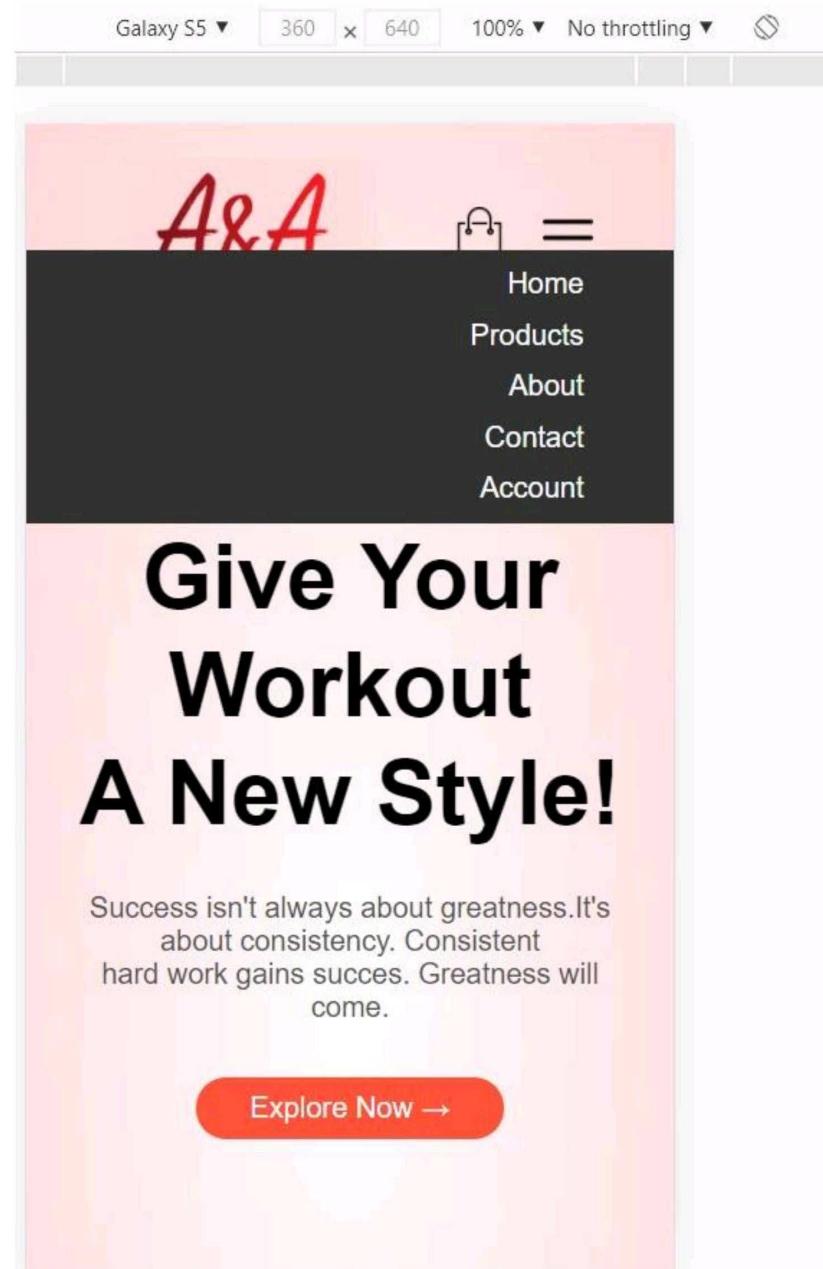
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**v) Account:**

- **Login Form:**

[Login](#) [Register](#)[Register](#)**• Registration Form:**

vi) How our website looks on a mobile phone:



## **6. REFERENCES**

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