

TITLE

A Project Report

Submitted by

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Under the Supervision of

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SRM University-AP**

In partial fulfilment for the requirements of the Web Technology(CSE210) Project

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



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SRM UNIVERSITY-AP

NEERUKONDA

MANAGALAGIRI - 522503

ANDHRA PRADESH, INDIA

APRIL-2025

CERTIFICATE

This is to certify that the project work entitled "**Sneaker E-commerce Store**" is a Bonafide record of project work carried out by the following students:

- **Mr. Rahul Vemula** (Roll No.: AP23110010571)
- **Mr. Adithya Koduru** (Roll No.: AP23110010573)
- **Mr. Rajesh Ponnada** (Roll No.: AP23110010519)

from the **Department of Computer Science and Engineering, SRM University-AP**. The students conducted this project work under my supervision during the period **January 2025 to April 2025**. It is further certified that, to the best of my knowledge, this project has not previously formed the basis for the award of any degree or any similar title to this or any other candidate.

This is also to certify that the project work represents the **teamwork** of the candidates.

Station: Mangalagiri
Date: 20-04-2025

Mr. L. Srikanth
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INTRODUCTION

This project is a dynamic and responsive ECommerce Shoe Store Web Application developed using a combination of HTML, CSS, JavaScript, PHP, and MySQL. The main objective of this project is to simulate a real-world online shopping experience where users can browse products, view multiple color and size options, and proceed to checkout seamlessly.

The front-end of the application is designed to provide an engaging and intuitive user interface with features like a product slider, interactive color and size selectors, and a responsive layout compatible with various screen sizes. Users can interact with different product categories, view real-time updates as they select different options, and initiate the purchase process through a smooth and modern interface.

The back-end functionality is implemented using PHP and MySQL. The `checkout.php` and `subscribe.php` scripts handle user interactions such as order submission and newsletter subscription, while the `db.php` file is responsible for establishing a connection with the database. This allows for data management operations such as storing user purchases or email subscriptions.

Overall, this project demonstrates a complete e-commerce workflow — from product display to order handling — and serves as a strong foundation for building scalable, real-world shopping platforms.

PROBLEM DEFINITION

In today's digital era, online shopping has become a preferred mode of purchase for many consumers. However, creating a user-friendly, interactive, and responsive e-commerce platform from scratch remains a technical challenge, especially for beginners looking to understand the complete development cycle.

The main problem addressed by this project is the lack of an integrated, visually appealing, and interactive online shoe store interface that enables users to easily:

- Browse different products with multiple color and size options,
- View live updates of product selections,
- Simulate the checkout process in a simplified and dynamic manner,
- Subscribe to newsletters for future updates or promotions.

This project aims to solve these issues by building a front-end and back-end integrated e-commerce prototype using modern web development tools and technologies. It focuses on delivering both visual appeal and functionality, giving users a realistic experience of an online shoe shopping platform.

PROBLEM STATEMENT

The rise of e-commerce has significantly changed the way people shop, making online platforms an essential part of modern retail. Despite the growth in digital shopping, building a complete and interactive e-commerce website remains complex due to the need for seamless front-end interaction, effective user experience design, and secure back-end integration.

There is a need for a simplified yet functional prototype that demonstrates the core features of an online store—such as product browsing, customization (color and size selection), dynamic price updates, and a checkout interface—while maintaining a user-friendly and responsive design. Additionally, there is a requirement for backend support to handle user interactions like order processing and newsletter subscriptions.

This project addresses this gap by developing a fully functional, interactive, and visually engaging online shoe store that provides a complete front-to-end demonstration of an e-commerce shopping experience.

OBJECTIVES

The primary objectives of this project are:

1. To design and develop a responsive and interactive e-commerce website that allows users to browse and select products with ease.
2. To implement dynamic product features such as multiple color and size options with real-time updates using JavaScript and DOM manipulation.
3. To simulate a complete shopping experience, including product selection, price updates, and a payment interface.
4. To build a basic back-end system using PHP and MySQL for handling data such as checkout form submissions and newsletter subscriptions.
5. To provide a clean, modern, and user-friendly interface that enhances the shopping experience across different devices and screen sizes.
6. To apply and demonstrate full-stack development skills by integrating front-end design with back-end functionality.

Software Specific Requirements

The following are the software-specific requirements for developing and running the e-commerce shoe store application:

1. Front-End Requirements

- HTML5: For structuring the web pages.
- CSS3: For styling, layout, responsiveness, and design enhancements.
- JavaScript (ES6+): For DOM manipulation, event handling, and dynamic interactivity (e.g., product switching, color/size selection, modal popups).

2. Back-End Requirements

- PHP (v7 or higher): For server-side scripting, form handling, and database interaction.
- MySQL: For storing data such as product information, checkout details, and newsletter subscriptions.

3. Web Server

- XAMPP / WAMP / LAMP: A local server environment for running PHP and MySQL applications.
 - Apache (Web Server)
 - MySQL (Database Server)
 - PHP (Server-side Language)

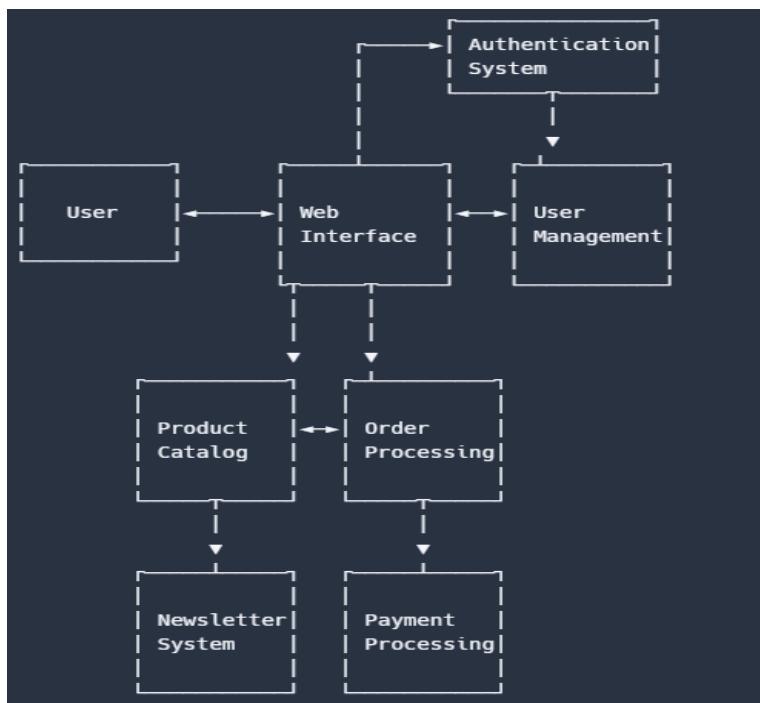
4. Development Tools

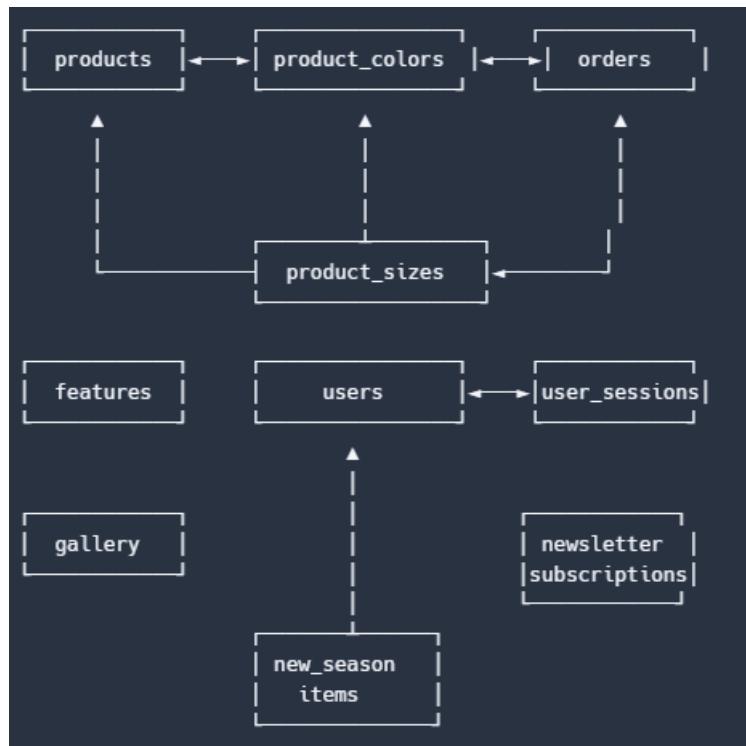
- Code Editor: Visual Studio Code
- Browser: Google Chrome
- PHPMyAdmin: For managing MySQL databases through a web interface

5. Optional Libraries/Resources

- Google Fonts: For custom typography
- Font Awesome / Icon Libraries: For icons used in the UI
- Responsive Design Tools: Media queries and developer tools for testing responsiveness

DESIGN(DFD DIAGRAM)





IMPLEMENTATION

```
<?php  
  
session_start();  
  
require_once 'db.php';  
  
?>  
  
<!DOCTYPE html>  
  
<html lang="en">  
  
<head>  
  
    <meta charset="UTF-8">  
  
    <meta http-equiv="X-UA-Compatible" content="IE=edge">  
  
    <meta name="viewport" content="width=device-width,  
initial-scale=1.0">  
  
    <link  
  
        href="https://fonts.googleapis.com/css2?family=Lato:ital,wght@0,100;0,3  
00;0,400;0,700;0,900;1,100;1,300;1,400;1,700;1,900&display=swap"  
  
        rel="stylesheet">  
  
    <link rel="stylesheet" href="style.css">  
  
    <title>.Sneakers</title>  
  
</head>  
  
<body>  
  
    <nav id="nav">  
  
        <div class="navTop">  
  
            <div class="navItem">  
  
                  
  
            </div>  
        </div>
```

```

<div class="navItem">

    <div class="search">

        <input type="text" placeholder="Search..." class="searchInput">

    </div>

</div>

<div class="navItem">

    <span class="limitedOffer">Authenticity
Guarantee</span>

    <?php if (isset($_SESSION['user_id'])): ?>

        <a href="account.php" style="color: white;
margin-left: 15px; text-decoration: none;">My Account</a>

        <a href="logout.php" style="color: white;
margin-left: 15px; text-decoration: none;">Logout</a>

    <?php else: ?>

        <a href="login.php" style="color: white;
margin-left: 15px; text-decoration: none;">Login</a>

        <a href="register.php" style="color: white;
margin-left: 15px; text-decoration: none;">Register</a>

    <?php endif; ?>

</div>

</div>

<div class="navBottom">

    <h3 class="menuItem" data-product-id="1">AIR FORCE</h3>

    <h3 class="menuItem" data-product-id="2">JORDAN</h3>

    <h3 class="menuItem" data-product-id="3">BLAZER</h3>

    <h3 class="menuItem" data-product-id="4">CRATER</h3>

    <h3 class="menuItem" data-product-id="5">HIPPIE</h3>

</div>

```

```

</nav>

<div class="slider">

    <div class="sliderWrapper">

        <div class="sliderItem">

            <div class="sliderBg"></div>

            <h1 class="sliderTitle">AIR FORCE<br> NEW<br>
SEASON</h1>

            <h2 class="sliderPrice">₹7495</h2>

            <a href="#">

                <button class="buyButton" data-product-id="1">BUY
NOW!</button>

            </a>

        </div>

        <div class="sliderItem">

            <div class="sliderBg"></div>

            <h1 class="sliderTitle">AIR JORDAN<br> NEW<br>
SEASON</h1>

            <h2 class="sliderPrice">₹14995</h2>

            <a href="#">

                <button class="buyButton" data-product-id="2">BUY
NOW!</button>

            </a>

        </div>

        <div class="sliderItem">

            <div class="sliderBg"></div>

            <h1 class="sliderTitle">BLAZER<br> NEW<br>
SEASON</h1>

            <h2 class="sliderPrice">₹6295</h2>

```

```

<a href="#product">

    <button class="buyButton" data-product-id="3">BUY
    NOW!</button>

</a>

</div>

<div class="sliderItem">

    <div class="sliderBg"></div>

    <h1 class="sliderTitle">CRATER<br> NEW<br>
    SEASON</h1>

    <h2 class="sliderPrice">₹7995</h2>

    <a href="#product">

        <button class="buyButton" data-product-id="4">BUY
        NOW!</button>

    </a>

</div>

<div class="sliderItem">

    <div class="sliderBg"></div>

    <h1 class="sliderTitle">HIPPIE<br> NEW<br>
    SEASON</h1>

    <h2 class="sliderPrice">₹10495</h2>

    <a href="#product">

        <button class="buyButton" data-product-id="5">BUY
        NOW!</button>

    </a>

</div>

</div>

<div class="features">
```

```
<div class="feature">

    <span class="featureTitle">FREE SHIPPING</span>

    <span class="featureDesc">Free worldwide shipping on all
orders.</span>

</div>

<div class="feature">

    <span class="featureTitle">30 DAYS RETURN</span>

    <span class="featureDesc">No question return and easy
refund in 14 days.</span>

</div>

<div class="feature">

    <span class="featureTitle">GIFT CARDS</span>

    <span class="featureDesc">Buy gift cards and use coupon
codes easily.</span>

</div>

<div class="feature">

    <span class="featureTitle">CONTACT US!</span>

    <span class="featureDesc">Keep in touch via email and
support system.</span>

</div>

</div>

<div class="product" id="product">

    <div class="productDetails">

        <h1 class="productTitle">AIR FORCE</h1>
```

```

<h2 class="productPrice">₹7495</h2>

<p class="productDesc">Nike Air Force High's</p>

<div class="colors">

    <div class="color" data-color-id="1"
style="background-color: black;"></div>

        <div class="color" data-color-id="2"
style="background-color: darkblue;"></div>

</div>

<div class="sizes">

    <div class="size" data-size-id="1">8</div>

    <div class="size" data-size-id="2">9</div>

    <div class="size" data-size-id="3">10</div>

</div>

<button class="productButton">BUY NOW!</button>

</div>

<div class="payment">

    <h1 class="payTitle">Personal Information</h1>

    <form action="checkout.php" method="POST">

        <label>Name and Surname</label>

        <input type="text" name="name" placeholder="Enter name"
class="payInput" required>

        <label>Phone Number</label>

        <input type="text" name="phone" placeholder="+91"
class="payInput" required>

        <label>Address</label>

        <input type="text" name="address" placeholder="SRM
University-AP" class="payInput" required>

    <h1 class="payTitle">Card Information</h1>

    <div class="cardIcons">

```

```

    </div>

    <!-- Hidden fields for product data -->

    <input type="hidden" name="product_id"
id="product_id_input" value="1">

    <input type="hidden" name="color_id"
id="color_id_input" value="1">

    <input type="hidden" name="size_id" id="size_id_input"
value="1">

    <input type="password" name="card_number"
class="payInput" placeholder="Card Number" required>

    <div class="cardInfo">

        <input type="text" name="exp_month"
placeholder="mm" class="payInput sm" required>

            <input type="text" name="exp_year"
placeholder="yyyy" class="payInput sm" required>

            <input type="text" name="cvv" placeholder="cvv"
class="payInput sm" required>

    </div>

    <button type="submit"
class="payButton">Checkout!</button>

</form>

<span class="close">X</span>

</div>

</div>

<div class="gallery">

    <div class="galleryItem">

        <h1 class="galleryTitle">Believe!</h1>

    </div>

```

```

<div class="galleryItem">

        <h1 class="galleryTitle">Our Turn</h1>

    </div>

    <div class="galleryItem">

        <h1 class="galleryTitle">Just Do it!</h1>

    </div>

</div>

<div class="newSeason">

    <div class="nsItem">

    </div>

    <div class="nsItem">

        <h3 class="nsTitleSm">WINTER NEW ARRIVALS</h3>

        <h1 class="nsTitle">New Season</h1>

        <h1 class="nsTitle">New Collection</h1>

        <a href="#nav">

            <button class="nsButton">CHOOSE YOUR STYLE</button>

        </a>

    </div>

    <div class="nsItem">

    </div>

```

```
</div>

<footer>

    <div class="footerLeft">

        <div class="footerMenu">

            <h1 class="fMenuTitle">About Us</h1>

            <ul class="fList">

                <li class="fListItem">Company</li>

                <li class="fListItem">Contact</li>

                <li class="fListItem">Affiliates</li>

                <li class="fListItem">Stores</li>

            </ul>

        </div>

        <div class="footerMenu">

            <h1 class="fMenuTitle">Useful Links</h1>

            <ul class="fList">

                <li class="fListItem">Support</li>

                <li class="fListItem">Refund</li>

                <li class="fListItem">FAQ</li>

                <li class="fListItem">Feedback</li>

            </ul>

        </div>

        <div class="footerMenu">

            <h1 class="fMenuTitle">Products</h1>

            <ul class="fList">

                <li class="fListItem">Air Force</li>

                <li class="fListItem">Air Jordan</li>

                <li class="fListItem">Blazer</li>

                <li class="fListItem">Crater</li>

                <li class="fListItem">Hippie</li>

            </ul>

        </div>

    </div>
```

```

        </ul>

    </div>

</div>

<div class="footerRight">

    <div class="footerRightMenu">

        <h1 class="fMenuTitle">Subscribe to our newsletter</h1>

        <?php if (isset($_SESSION['newsletter_message'])): ?>

            <div class="newsletter-message" <?php echo
$_SESSION['newsletter_status']; ?>>

                <?php

                    echo $_SESSION['newsletter_message'];

                    // Clear the message after displaying it

                    unset($_SESSION['newsletter_message']);

                    unset($_SESSION['newsletter_status']);

                ?>

            </div>

        <?php endif; ?>

        <form action="subscribe.php" method="POST">

            <div class="fMail">

                <input type="email" name="email"
placeholder="your@email.com" class="fInput" required>

                <button type="submit"
class="fButton">Join!</button>

            </div>

        </form>

    </div>

    <div class="footerRightMenu">

        <h1 class="fMenuTitle">Follow Us</h1>

        <div class="fIcons">

```

```

        
        
        
    </div>
</div>
<div class="footerRightMenu">
    <span class="copyright">@WEB-TECH END SEM PROJECT. All rights reserved. <?php echo date('Y'); ?></span>
</div>
</div>
</footer>
<script src="./javascript.js"></script>
</body>

</html>

```

```

<?php
session_start();
require_once 'db.php';

// Debug - check if form was submitted
echo "<h2>Form Data Received:</h2>";
echo "<pre>";
print_r($_POST);
echo "</pre>";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Get form data

```

```

$product_id = isset($_POST['product_id']) ? $_POST['product_id'] :
1;

$color_id = isset($_POST['color_id']) ? $_POST['color_id'] : 1;
$size_id = isset($_POST['size_id']) ? $_POST['size_id'] : 1;
$name = $conn->real_escape_string($_POST['name']);
$phone = $conn->real_escape_string($_POST['phone']);
$address = $conn->real_escape_string($_POST['address']);

// Get product price

$price_sql = "SELECT base_price FROM products WHERE product_id =
$product_id";
$price_result = $conn->query($price_sql);

// Default price if query fails

$price = 7495;

if ($price_result && $price_result->num_rows > 0) {
    $price = $price_result->fetch_assoc()['base_price'];
}

// Associate order with user if logged in

$user_id = isset($_SESSION['user_id']) ? $_SESSION['user_id'] :
NULL;

// Create the order - this is where the error is happening

if ($user_id) {
    // User is logged in, use the user_id

    $stmt = $conn->prepare("INSERT INTO orders (user_id,
product_id, color_id, size_id, price, shipping_address, shipping_name,
shipping_phone) VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?)");
}

```

```

        $stmt->bind_param("iiidsss", $user_id, $product_id, $color_id,
size_id, $price, $address, $name, $phone);

    } else {

        // User is not logged in, set user_id to NULL by omitting it
        // from the query

        $stmt = $conn->prepare("INSERT INTO orders (product_id,
color_id, size_id, price, shipping_address, shipping_name,
shipping_phone) VALUES (?, ?, ?, ?, ?, ?, ?, ?)");
        $stmt->bind_param("iiidsss", $product_id, $color_id, $size_id,
$price, $address, $name, $phone);

    }

if ($stmt) {

    $success = $stmt->execute();

    echo "<h3>Query execution result: " . ($success ? "Success" :
"Failed") . "</h3>";

    if ($success) {

        $order_id = $conn->insert_id;

        echo "<h2>Order placed successfully! Order ID: " .
$order_id . "</h2>";

        // Fetch order details for display

        $order_sql = "SELECT o.*, p.title as product_name,
pc.color_name, ps.size_value
                    FROM orders o
                    JOIN products p ON o.product_id =
p.product_id
                    JOIN product_colors pc ON o.color_id =
pc.color_id
                    JOIN product_sizes ps ON o.size_id =
ps.size_id

```

```

        WHERE o.order_id = $order_id";

$order_result = $conn->query($order_sql);

if ($order_result && $order_result->num_rows > 0) {
    $order = $order_result->fetch_assoc();
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible"
content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link
href="https://fonts.googleapis.com/css2?family=Lato:ital,wght@0,100;0,300;0,400;0,700;0,900;1,100;1,300;1,400;1,700;1,900&display=swap"
rel="stylesheet">
    <link rel="stylesheet" href="style.css">
    <title>Order Confirmation - .Sneakers</title>
    <style>
        .confirmation-container {
            max-width: 800px;
            margin: 50px auto;
            padding: 20px;
        }
        .order-details {
            margin-top: 30px;
            border: 1px solid #ddd;
            padding: 20px;
            border-radius: 5px;
        }
    </style>

```

```
}

.order-item {
    display: flex;
    justify-content: space-between;
    margin-bottom: 10px;
    padding-bottom: 10px;
    border-bottom: 1px solid #eee;
}

.order-total {
    font-weight: bold;
    margin-top: 20px;
    text-align: right;
}

.shipping-info {
    margin-top: 30px;
}

.continue-shopping {
    background-color: black;
    color: white;
    padding: 10px 20px;
    border: none;
    cursor: pointer;
    margin-top: 20px;
}

.continue-shopping:hover {
    background-color: #333;
}

.success-message {
    background-color: #d4edda;
```

```

        color: #155724;

        padding: 15px;

        border-radius: 5px;

        margin-bottom: 20px;

    }

</style>

</head>

<body>

<div class="confirmation-container">

    <div class="success-message">

        <h2>Thank you for your order!</h2>

        <p>Your order has been successfully placed  

and is being processed.</p>

    </div>

    <h1>Order #<?php echo $order_id; ?></h1>

    <p>Placed on <?php echo date('F j, Y, g:i a',  

strtotime($order['order_date'])); ?></p>

<div class="order-details">

    <h3>Order Summary</h3>

    <div class="order-item">

        <div>

            <p><strong><?php echo  

$order['product_name']; ?></strong></p>

            <p>Color: <?php echo  

$order['color_name']; ?></p>

            <p>Size: <?php echo  

$order['size_value']; ?></p>

        </div>

    </div>

</div>

```

```

        <p>₹<?php echo $order['price'];

?></p>

        </div>

        </div>

        <div class="order-total">

            <p>Total: ₹<?php echo $order['price'];

?></p>

        </div>

        </div>

        <div class="shipping-info">

            <h3>Shipping Information</h3>

            <p><strong>Name:</strong> <?php echo
$order['shipping_name']; ?></p>

            <p><strong>Address:</strong> <?php echo
$order['shipping_address']; ?></p>

            <p><strong>Phone:</strong> <?php echo
$order['shipping_phone']; ?></p>

        </div>

        <button class="continue-shopping"
onclick="location.href='index.php'">Continue Shopping</button>

        </div>

    </body>

</html>

<?php

exit();

}

} else {

echo "<h2>Error placing order: " . $stmt->error . "</h2>";

}

```

```

$stmt->close();

} else {

    echo "<h2>Error in preparing SQL statement: " . $conn->error .
"</h2>";

}

} else {

    echo "<h2>No form data received. Please submit the form.</h2>";

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

    <link

href="https://fonts.googleapis.com/css2?family=Lato:ital,wght@0,100;0,3
00;0,400;0,700;0,900;1,100;1,300;1,400;1,700;1,900&display=swap"
rel="stylesheet">

    <link rel="stylesheet" href="style.css">

<title>Checkout - .Sneakers</title>

<style>

    .error-container {

        max-width: 800px;

        margin: 50px auto;

        padding: 20px;

        text-align: center;

    }

    .error-message {

```

```

        color: red;

        margin-bottom: 20px;

        padding: 15px;

        background-color: #f8d7da;

        border-radius: 5px;

    }

    .continue-shopping {

        background-color: black;

        color: white;

        padding: 10px 20px;

        border: none;

        cursor: pointer;

        margin-top: 20px;

    }

    .continue-shopping:hover {

        background-color: #333;

    }

</style>

</head>

<body>

<div class="error-container">

    <h1>Order Processing</h1>

    <?php if (isset($stmt) && !$success): ?>

        <div class="error-message">

            <p>Sorry, there was an error processing your order.  
Please try again.</p>

            <p><?php echo $stmt->error; ?></p>

        </div>

    <?php endif; ?>

```

```

        <button class="continue-shopping"
onclick="location.href='index.php'">Return to Shopping</button>

    </div>

</body>

</html>

```

```

<?php

session_start();

require_once 'db.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {

    if (isset($_POST['email']) && !empty($_POST['email'])) {

        $email = $conn->real_escape_string($_POST['email']);

        // Check if email already exists

        $check_sql = "SELECT * FROM newsletter_subscriptions WHERE
email = '$email'";

        $check_result = $conn->query($check_sql);

        if ($check_result && $check_result->num_rows > 0) {

            $message = "This email is already subscribed to our
newsletter!";

            $status = "info";

        } else {

            // Insert new subscription

            $sql = "INSERT INTO newsletter_subscriptions (email) VALUES
('$email')";

            if ($conn->query($sql) === TRUE) {

```

```

$message = "Thank you for subscribing to our
newsletter!";

$status = "success";

} else {

$message = "Error: " . $sql . "<br>" . $conn->error;

$status = "error";

}

}

} else {

$message = "Please enter a valid email address.';

$status = "error";

}

// Store message in session to display after redirect

$_SESSION['newsletter_message'] = $message;
$_SESSION['newsletter_status'] = $status;

}

// Redirect back to the homepage

header("Location: index.php");
exit();
?>

```

```

const wrapper = document.querySelector(".sliderWrapper");

const menuItems = document.querySelectorAll(".menuItem");

const products = [
{
  id: 1,

```

```
title: "Air Force",
price: 7495,
colors: [
  {
    code: "black",
    img: "./img/air.png",
  },
  {
    code: "darkblue",
    img: "./img/air2.png",
  },
],
{
  id: 2,
  title: "Air Jordan",
  price: 14995,
  colors: [
    {
      code: "lightgray",
      img: "./img/jordan.png",
    },
    {
      code: "green",
      img: "./img/jordan2.png",
    },
  ],
},
{
```

```
    id: 3,
    title: "Blazer",
    price: 6295,
    colors: [
        {
            code: "lightgray",
            img: "./img/blazer.png",
        },
        {
            code: "green",
            img: "./img/blazer2.png",
        },
    ],
},
{
    id: 4,
    title: "Crater",
    price: 7995,
    colors: [
        {
            code: "black",
            img: "./img/crater.png",
        },
        {
            code: "lightgray",
            img: "./img/crater2.png",
        },
    ],
},
```

```

{
  id: 5,
  title: "Hippie",
  price: 10495,
  colors: [
    {
      code: "gray",
      img: "./img/hippie.png",
    },
    {
      code: "black",
      img: "./img/hippie2.png",
    },
  ],
},
];

let choosenProduct = products[0];

const currentProductImg = document.querySelector(".productImg");
const currentProductTitle = document.querySelector(".productTitle");
const currentProductPrice = document.querySelector(".productPrice");
const currentProductColors = document.querySelectorAll(".color");
const currentProductSizes = document.querySelectorAll(".size");

menuItems.forEach((item, index) => {
  item.addEventListener("click", () => {
    //change the current slide
    wrapper.style.transform = `translateX(${-100 * index}vw)`;
```

```

//change the chosen product

chooseenProduct = products[index];

//change texts of currentProduct

currentProductTitle.textContent = chooseenProduct.title;

currentProductPrice.textContent = "₹" + chooseenProduct.price;

currentProductImg.src = chooseenProduct.colors[0].img;

//assing new colors

currentProductColors.forEach((color, index) => {

    color.style.backgroundColor =
chooseenProduct.colors[index].code;

}) ;

// Update the product_id hidden input

if (document.getElementById('product_id_input')) {

    document.getElementById('product_id_input').value =
chooseenProduct.id;

    console.log("Product ID set to: " + chooseenProduct.id);

}

} ;

}) ;

currentProductColors.forEach((color, index) => {

    color.addEventListener("click", () => {

        currentProductImg.src = chooseenProduct.colors[index].img;

// Update the color_id hidden input

if (document.getElementById('color_id_input')) {

```

```

        document.getElementById('color_id_input').value = index +
1;

        console.log("Color ID set to: " + (index + 1));

    }

}());

currentProductSizes.forEach((size, index) => {

    size.addEventListener("click", () => {

        currentProductSizes.forEach(size => {

            size.style.backgroundColor = "white";
            size.style.color = "black";

        });

        size.style.backgroundColor = "black";
        size.style.color = "white";

    });

    // Update the size_id hidden input

    if (document.getElementById('size_id_input')) {

        document.getElementById('size_id_input').value = index + 1;
        console.log("Size ID set to: " + (index + 1));

    }

});

const productButton = document.querySelector(".productButton");
const payment = document.querySelector(".payment");
const close = document.querySelector(".close");

productButton.addEventListener("click", () => {

```

```

payment.style.display = "flex";
}) ;

close.addEventListener("click", () => {
    payment.style.display = "none";
}) ;

// Initialize form data on page load
document.addEventListener('DOMContentLoaded', function () {
    // Set default values for product, color and size
    if (document.getElementById('product_id_input')) {
        document.getElementById('product_id_input').value =
chooseProduct.id; // Default to current product
    }

    if (document.getElementById('color_id_input')) {
        document.getElementById('color_id_input').value = "1"; // Default to first color
    }

    if (document.getElementById('size_id_input')) {
        document.getElementById('size_id_input').value = "1"; // Default to first size
    }

    // Add data-id attributes to menuItems, colors and sizes
    menuItems.forEach((item, index) => {
        item.setAttribute('data-product-id', products[index].id);
    });
}

```

```

currentProductColors.forEach((color, index) => {
    color.setAttribute('data-color-id', index + 1);
});

currentProductSizes.forEach((size, index) => {
    size.setAttribute('data-size-id', index + 1);
});

// Select first color and size by default
if (currentProductColors.length > 0) {
    currentProductColors[0].click();
}

if (currentProductSizes.length > 0) {
    currentProductSizes[0].click();
}

});

```

```

html {
    scroll-behavior: smooth;
}

body {
    font-family: "Lato", sans-serif;
    padding: 0;
    margin: 0;
}

nav {

```

```
background-color: #111;

color: white;

padding: 20px 50px;

}

.navTop {

display: flex;

align-items: center;

justify-content: space-between;

}

.search {

display: flex;

align-items: center;

background-color: gray;

padding: 10px 20px;

border-radius: 10px;

}

.searchInput {

border: none;

background-color: transparent;

}

.searchInput::placeholder {

color: lightgray;

}

.limitedOffer {
```

```
    font-size: 20px;
    border-bottom: 2px solid green;
    cursor: pointer;
}

.navBottom {
    display: flex;
    align-items: center;
    justify-content: center;
}

.menuItem {
    margin-right: 50px;
    cursor: pointer;
    color: lightgray;
    font-weight: 400;
}

.slider {
    background:
url("https://images.unsplash.com/photo-1604147495798-57beb5d6af73?ixlib=
rb-1.2.1&ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8&auto=format
&fit=crop&w=2370&q=80");
    clip-path: polygon(0 0, 100% 0, 100% 100%, 0 85%);
    overflow: hidden;
}

.sliderWrapper {
    display: flex;
    width: 500vw;
```

```
        transition: all 1.5s ease-in-out;
    }

.sliderItem {
    width: 100vw;
    display: flex;
    align-items: center;
    justify-content: center;
    position: relative;
}

.sliderBg {
    width: 750px;
    height: 750px;
    border-radius: 50%;
    position: absolute;
}

.sliderImg {
    z-index: 1;
}

.sliderTitle {
    position: absolute;
    top: 10%;
    right: 10%;
    font-size: 60px;
    font-weight: 900;
    text-align: center;
```

```
color: white;  
z-index: 1;  
}  
  
.sliderPrice {  
    position: absolute;  
    top: 10%;  
    left: 10%;  
    font-size: 60px;  
    font-weight: 300;  
    text-align: center;  
    color: white;  
    border: 1px solid gray;  
    z-index: 1;  
}  
  
.buyButton {  
    position: absolute;  
    top: 50%;  
    right: 10%;  
    font-size: 30px;  
    font-weight: 900;  
    color: white;  
    border: 1px solid gray;  
    background-color: black;  
    z-index: 1;  
    cursor: pointer;  
}
```

```
.buyButton:hover {  
    background-color: white;  
    color: black;  
}  
  
.sliderItem:nth-child(1) .sliderBg {  
    background-color: lightgray;  
}  
  
.sliderItem:nth-child(2) .sliderBg {  
    background-color: rebeccapurple;  
}  
  
.sliderItem:nth-child(3) .sliderBg {  
    background-color: teal;  
}  
  
.sliderItem:nth-child(4) .sliderBg {  
    background-color: cornflowerblue;  
}  
  
.sliderItem:nth-child(5) .sliderBg {  
    background-color: rgb(124, 115, 80);  
}  
  
.sliderItem:nth-child(1) .sliderPrice {  
    color: white;  
}
```

```
.sliderItem:nth-child(2) .sliderPrice {
    color: white;
}

.sliderItem:nth-child(3) .sliderPrice {
    color: white;
}

.sliderItem:nth-child(4) .sliderPrice {
    color: white;
}

.sliderItem:nth-child(5) .sliderPrice {
    color: cornsilk;
}

.features {
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 50px;
}

.feature {
    display: flex;
    flex-direction: column;
    align-items: center;
    text-align: center;
}
```

```
.featureIcon {  
    width: 50px;  
    height: 50px;  
}  
  
.featureTitle {  
    font-size: 20px;  
    font-weight: 600;  
    margin: 20px;  
}  
  
.featureDesc {  
    color: gray;  
    width: 50%;  
    height: 100px;  
}  
  
.product {  
    height: 100vh;  
    background-color: whitesmoke;  
    position: relative;  
    clip-path: polygon(0 15%, 100% 0, 100% 100%, 0% 100%);  
}  
  
.payment {  
    width: 500px;  
    height: 500px;  
    background-color: white;
```

```
position: absolute;
top: 0;
bottom: 0;
left: 0;
right: 0;
margin: auto;
padding: 10px 50px;
display: none;
flex-direction: column;
-webkit-box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
}

.payTitle {
    font-size: 20px;
    color: lightgray;
}

label {
    font-size: 14px;
    font-weight: 300;
}

.payInput {
    padding: 10px;
    margin: 10px 0px;
    border: none;
    border-bottom: 1px solid gray;
}
```

```
.payInput::placeholder {  
    color: #858585;  
}  
  
.cardIcons {  
    display: flex;  
}  
  
.cardIcon {  
    margin-right: 10px;  
}  
  
.cardInfo {  
    display: flex;  
    justify-content: space-between;  
}  
  
.sm {  
    width: 30%;  
}  
  
.payButton {  
    position: absolute;  
    height: 40px;  
    bottom: -40;  
    width: 100%;  
    left: 0;  
    -webkit-box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);
```

```
    box-shadow: 0px 0px 13px 2px rgba(0, 0, 0, 0.3);  
    background-color: #369e62;  
    color: white;  
    border: none;  
    cursor: pointer;  
}  
  
.close {  
    width: 20px;  
    height: 20px;  
    position: absolute;  
    background-color: gray;  
    color: white;  
    top: 10px;  
    right: 10px;  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    cursor: pointer;  
    padding: 2px;  
}  
  
.productImg {  
    width: 50%;  
}  
  
.productDetails {  
    position: absolute;  
    top: 10%;
```

```
    right: 0;
    width: 40%;
    padding: 50px;
}

.productTitle {
    font-size: 75px;
    font-weight: 900;
}

.productDesc {
    font-style: 24px;
    color: gray;
}

.colors,
.sizes {
    display: flex;
    margin-bottom: 20px;
}

.color {
    width: 32px;
    height: 32px;
    border-radius: 5px;
    background-color: black;
    margin-right: 10px;
    cursor: pointer;
}
```

```
.color:last-child {  
    background-color: darkblue;  
}  
  
.size {  
    padding: 5px 20px;  
    border: 1px solid black;  
    margin-right: 10px;  
    cursor: pointer;  
    font-size: 20px;  
}  
  
.productButton {  
    float: right;  
    padding: 10px 20px;  
    background-color: black;  
    color: white;  
    font-weight: 600;  
    cursor: pointer;  
}  
  
.productButton:hover {  
    background-color: white;  
    color: black;  
}  
  
.gallery {  
    padding: 50px;
```

```
        display: flex;
    }

.galleryItem {
    flex: 1;
    padding: 50px;
}

.galleryImg {
    width: 100%;
}

.newSeason {
    display: flex;
}

.nsItem {
    flex: 1;
    background-color: black;
    color: white;
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    text-align: center;
}

.nsImg {
    width: 100%;
```

```
height: 500px;  
}  
  
.nsTitle {  
    font-size: 40px;  
}  
  
.nsButton {  
    padding: 15px;  
    font-weight: 600;  
    cursor: pointer;  
}  
  
footer {  
    display: flex;  
}  
  
.footerLeft {  
    flex: 2;  
    display: flex;  
    justify-content: space-between;  
    padding: 50px;  
}  
  
.fMenuTitle {  
    font-size: 16px;  
}  
  
.fList {
```

```
padding: 0;  
list-style: none;  
}  
  
.fListIItem {  
margin-bottom: 10px;  
color: gray;  
cursor: pointer;  
}  
  
.footerRight {  
flex: 1;  
padding: 50px;  
display: flex;  
flex-direction: column;  
justify-content: space-between;  
}  
  
.fInput {  
padding: 5px;  
}  
  
.fButton {  
padding: 5px;  
background-color: black;  
color: white;  
}  
  
.fIcons {
```

```
        display: flex;
    }

    .fIcon {
        width: 20px;
        height: 20px;
        margin-right: 10px;
    }

    .copyright {
        font-weight: 300;
        font-size: 14px;
    }

    @media screen and (max-width:480px) {
        nav {
            padding: 20px;
        }
    }

    .search {
        display: none;
    }

    .navBottom {
        flex-wrap: wrap;
    }

    .menuItem {
        margin: 20px;
    }
```

```
    font-weight: 700;
    font-size: 20px;
}

.slider {
    clip-path: none;
}

.sliderImg {
    width: 90%;
}

.sliderBg {
    width: 100%;
    height: 100%;
}

.sliderTitle {
    display: none;
}

.sliderPrice {
    top: unset;
    bottom: -50;
    left: 0;
    background-color: lightgrey;
}

.buyButton {
```

```
    right: 0;
    top: 0;
}

.features {
    flex-direction: column;
}

.product {
    clip-path: none;
    display: flex;
    flex-direction: column;
    align-items: center;
}

.productImg {
    width: 80%;
}

.productDetails {
    width: 100%;
    padding: 0;
    display: flex;
    flex-direction: column;
    align-items: center;
    text-align: center;
    position: relative;
    top: 0;
}
```

```
.productTitle {  
    font-size: 50px;  
    margin: 0;  
}  
  
.gallery {  
    display: none;  
}  
  
.newSeason {  
    flex-direction: column;  
}  
  
.nsItem:nth-child(2) {  
    padding: 50px;  
}  
  
.footer {  
    flex-direction: column;  
    align-items: center;  
}  
  
.footerLeft {  
    padding: 20px;  
    width: 90%;  
}  
  
.footerRight {
```

```
padding: 20px;  
width: 90%;  
align-items: center;  
background-color: whitesmoke;  
}  
  
.payment {  
width: 90%;  
padding: 20px;  
}  
  
/* Newsletter message styles */  
.newsletter-message {  
padding: 10px;  
margin: 10px 0;  
border-radius: 5px;  
font-size: 14px;  
}  
  
.newsletter-message.success {  
background-color: #d4edda;  
color: #155724;  
}  
  
.newsletter-message.error {  
background-color: #f8d7da;  
color: #721c24;  
}
```

```
.newsletter-message.info {  
    background-color: #d1ecf1;  
    color: #0c5460;  
}  
}
```

```
<?php  
  
// Database configuration  
  
$servername = "localhost";  
  
$username = "root"; // Change to your database username  
  
$password = ""; // Change to your database password  
  
$dbname = "sneakers_shop";  
  
  
// Create connection  
  
$conn = new mysqli($servername, $username, $password, $dbname);  
  
  
// Check connection  
  
if ($conn->connect_error) {  
    die("Connection failed: " . $conn->connect_error);  
}  
?  
?>
```

phpMyAdmin

Server: 127.0.0.1 > Database: sneakers_shop > Structure

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
features	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 K18	-
gallery	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 K18	-
newsletter_subscriptions	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	32.0 K18	-
new_season_items	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 K18	-
orders	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	80.0 K18	-
products	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 K18	-
product_colors	Browse Structure Search Insert Empty Drop	10	InnoDB	utf8mb4_general_ci	32.0 K18	-
product_sizes	Browse Structure Search Insert Empty Drop	15	InnoDB	utf8mb4_general_ci	32.0 K18	-
users	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 K18	-
user_sessions	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 K18	-
10 tables	Sum	44	InnoDB	utf8mb4_general_ci	320.0 K18	0 B

[Print](#) [Data dictionary](#)

[Create new table](#)

Table name: Number of columns: 4 [Create](#)

[Console](#)

phpMyAdmin

Server: 127.0.0.1 > Database: sneakers_shop > Table: newsletter_subscriptions

Show rows 0 - 1 (2 total, Query took 0.0005 seconds.)

```
SELECT * FROM `newsletter_subscriptions`
```

[Profiling](#) [Edit inline](#) [Edit](#) [Explain SQL](#) [Create PHP code](#) [Refresh](#)

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

subscription_id	email	subscribed_at
1	ajayvemula25@gmail.com	2025-04-20 23:13:13
2	mythili_nandmuri@srmsap.edu.in	2025-04-20 23:11:44

[Edit](#) [Copy](#) [Delete](#)

[Show all](#) | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

[Bookmark this SQL query](#)

Label: Let every user access this bookmark

[Bookmark this SQL query](#)

[Console](#)

phpMyAdmin

Server: 127.0.0.1 > Database: sneakers_shop > Table: orders

Show rows 0 - 1 (2 total, Query took 0.0006 seconds.)

```
SELECT * FROM `orders`
```

[Profiling](#) [Edit inline](#) [Edit](#) [Explain SQL](#) [Create PHP code](#) [Refresh](#)

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

order_id	user_id	product_id	color_id	size_id	quantity	price	order_date	shipping_address	shipping_name	shipping_phone	payment_status	order_status
3	NULL	1	1	1	1	7495.00	2025-04-20 23:04:28	B-62 BHEL COLONY, OPP LOYOLA COLLEGE, OLD ALWAL	Rahul Vemula	+919640817777	pending	processing
4	NULL	1	1	1	1	7495.00	2025-04-20 23:05:32	B-62 BHEL COLONY, OPP LOYOLA COLLEGE, OLD ALWAL	Rahul Vemula	+919640817777	pending	processing

[Edit](#) [Copy](#) [Delete](#)

[Show all](#) | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

[Bookmark this SQL query](#)

Label: Let every user access this bookmark

[Bookmark this SQL query](#)

localhost/phpmyadmin/index.php?route=/database/operations&db=phpmyadmin

DATABASE DESIGN

1. **orders** Table

This table stores the order details submitted during the checkout process.

Column Name	Data Type	Description
<code>id</code>	INT (Primary Key, Auto Increment)	Unique identifier for each order
<code>product_id</code>	INT	ID of the selected product
<code>color_id</code>	INT	ID representing the selected color
<code>size_id</code>	INT	ID representing the selected size
<code>cardholder</code>	VARCHAR(100)	Name on the payment card
<code>cardnumber</code>	VARCHAR(20)	Card number entered by user
<code>expiry</code>	VARCHAR(10)	Card expiry date
<code>cvv</code>	VARCHAR(10)	Card CVV code
<code>timestamp</code>	TIMESTAMP	Time of order placement

2. **subscribers** Table

This table keeps track of users who subscribe to the newsletter.

Column Name	Data Type	Description
id	INT (Primary Key, Auto Increment)	Unique identifier for each subscriber
email	VARCHAR(255)	Email address of the subscriber
timestamp	TIMESTAMP	Time of subscription

OUTPUT SCREENSHOTS

The screenshot shows a dark-themed website for sneakers. At the top, there's a navigation bar with a search bar, 'Authenticity Guarantee', 'Login', and 'Register' links. Below the navigation is a large banner featuring a black Nike Air Force 1 High sneaker centered in a white circle. To the left of the shoe is a price tag showing ₹7495. To the right, text reads 'AIR FORCE NEW SEASON' and a 'BUY NOW!' button. The background of the banner is a dark, textured surface. Below the banner, there are four service icons: 'FREE SHIPPING' (truck icon), '30 DAYS RETURN' (box icon), 'GIFT CARDS' (gift card icon), and 'CONTACT US!' (envelope icon). Each service has a brief description underneath.

.sneakers

Search...

Authenticity Guarantee Login Register

AIR FORCE JORDAN BLAZER CRATER HIPPIE

₹7495

AIR FORCE
NEW
SEASON

BUY NOW!

FREE SHIPPING

30 DAYS RETURN

GIFT CARDS

CONTACT US!

This screenshot shows a product page for a Nike Air Force 1 High sneaker. On the left, there's a large image of the black sneaker. To the right, the text 'AIR FORCE' is displayed in large, bold letters. Below it is the price '₹7495'. Underneath the price, it says 'Nike Air Force High's'. There are size options shown as small boxes: 8, 9, and 10. A 'BUY NOW!' button is located at the bottom right. The background is light gray.

AIR FORCE

₹7495

Nike Air Force High's

8 9 10

BUY NOW!

Believe!



Just Do it!



Our Turn

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