

Introduction:

E-commerce : Ecommerce is short of electronic commerce, refers to the buying and selling of goods and services over the internet. It involves conducting business transactions electronically, allowing consumers and business to exchange products, service and information without the need for physical presence.

The concepts of ecommerce has revolutionized the way people shop and do business. Ecommerce has grown exponentially, creating a global market place that transcends geographical boundaries. These business transactions occur either as to business - to - business (B_2B), business - to - consumer (B_2C), consumer - to - consumer & consumer - to - business.

There are some type of e-commerce. They are
① Business - to - Business (B_2B) ② Business - to - consumer (B_2C) ③ Consumer - to - Consumer (C_2C)

- ④ consumer - to - business (C₂B)
- ⑤ Business - to - administration (B₂A)
- ⑥ consumer - to - administration (C₂A)

Purpose:

The purpose of ecommerce revolves around facilitating online transaction between buyers and sellers. It serves several key purposes, benefiting both business and consumer.

- ① Global Reach: Ecommerce allows businesses to reach a global audience without need for physical store fronts in multiple locations.
- ② Convenience: customers can shop online from the comforts of their homes 24/7.
- ③ Accessibility: Ecommerce makes products and services accessible to people with physical disabilities by limitations that makes a prevent them from shopping in traditional stores.
- ④ Reduced Costs: For business, ecommerce platform collect vast amount to reduce, compared to running brick-and-mortar stores. Lower overhead expenses, no need for physical store fronts and streamlined logistics can lead to

cost saving and improved profitability.

⑤ Time-saving and speed:

e-commerce transaction can be completed quickly, reducing the time it takes for customer to find and purchase products.

Literature survey:

problems of not having an e-commerce:

- * without an online presence, your business is limited to a local customer base
- * without no ecommerce platform, you are missing out on the growth trend of online shopping.
- * consumer behavior is evolving rapidly, and more and more people are turning to online shopping
- * consumer appreciate the ease of browsing and purchasing product & service online.
- * an ecommerce website allows your business to operate 24/7
- * without an online platform, you may find it challenge to display, your products & service effectively.

* e-commerce platforms allow businesses to experiment with new products, services, and business models. Not having an e-commerce presence may limit your ability to explore innovative ways to grow and expand your business.

proposed solution:

* By using e-commerce app there will be more efficient time management, task management, reduce stress.

* choose a reliable and popular e-commerce platform such as Shopify, WooCommerce, or Magento, based on your specific requirements, budget and scalability needs.

* Develop a robust shopping cart system that enables user to add/remove items easily. The checkout process should be simple, secure and support multiple payment gateway to offer customer various options.

* Allow customers to leave reviews and rating for products. Genuine user feedback can help

build trust and assist other in making purchasing decisions.

- * we can buy shoe online by using the ecommerce website.
- * so, we should create the ecommerce website, to people for online shopping through convenience.

```
/* your existing css code goes here */
```

```
.size {  
    font-size: 22px;  
    font-weight: bold;  
    margin-left: 22px;  
    color: white;  
}
```

```
.col {  
    color: white;  
}
```

```
.image {  
    height: 200px;  
    width: 200px;  
}
```

```
.bg {  
    border-style: solid;  
    border-color: black;  
    width: 300px;  
    margin: 21px;  
    text-align: center;  
    padding: 12px;  
    border-radius: 12px;  
}
```

```
.main {  
    font-size: 17px;  
}
```

```
.but {  
    background-color: goldenrod;  
    color: white;  
    border-color: red;  
    font-weight: bold;  
    border-width: 3px;  
}
```

```
.cart-container {  
    margin-top: 30px;  
}
```

```
.cart-container h2 {
```

```
    text-align: center;
}

.cart-container #cart-count {
    text-align: center;
    font-size: 24px;
    font-weight: bold;
    margin-bottom: 10px;
}

.cart-item {
    margin-bottom: 10px;
    padding-bottom: 10px;
    border-bottom: 1px solid #ccc;
}

.remove-btn {
    background-color: #dc3545;
    color: white;
    border: none;
    padding: 5px 10px;
    font-size: 14px;
    cursor: pointer;
}

.imagesize {
    height: 150px;
    width: 150px
}

.size {
    font-weight: bold;
}

.m {
    margin-top: 48px;
    margin-bottom: 48px;
}

.imgs {
    height: 500px;
    width: 500px;
    gap: 2rem;
    margin-left: 30px;
```

```
        margin-bottom: 25px;
    }

.heading {
    color: black;
    text-align: center;
    font-weight: bold;
}

.sub-head {
    color: black;
    font-weight: bold;
}

}

.footer-section {
    background-color: black;
}

.footer-section-mail-id {
    color: #959ead;
    font-family: "Roboto";
    font-weight: bold;
    font-size: 16px;
    margin-top: 20px;
}

.footer-section-address {
    color: #959ead;
    font-family: "Roboto";
    font-size: 14px;
}

.follow-us-icon-container {
    background-color: #faf7e8;
    width: 80px;
    height: 80px;
    border-radius: 40px;
    margin: 15px;
    padding: 30px;
    padding-left: 27px;
}

.follow-us-section {
```

```
    background-color: white;  
}
```

```
.follow-us-section-heading {  
    text-align: center;  
    color: #183b56;  
  
    font-size: 28px;  
    font-weight: 700;  
}
```

```
.clr {  
    font-size: 30px  
}
```

```
.imagesize1 {  
    height: 100px;  
    width: 100px  
}
```

```
.m {  
    margin-bottom: 12px;  
    width: 100%;  
}
```

```
// Array to store the cart items
var cartItems = [];

// Function to add an item to the cart
function addToCart(itemIndex) {
    var item = items[itemIndex];

    // Check if the item already exists in the cart
    var existingItem = cartItems.find(function (cartItem) {
        return cartItem.id === item.id;
    });

    if (existingItem) {
        // Item already exists in the cart, increment the quantity
        existingItem.quantity++;
    } else {
        // Item does not exist in the cart, add it with a quantity of 1
        cartItems.push({
            id: item.id,
            name: item.name,
            price: item.price,
            quantity: 1,
        });
    }

    // Update the cart count
    updateCartCount();
}

// Update the cart items display
updateCartItems();
}

// Function to remove an item from the cart
function removeFromCart(itemId) {
    // Find the index of the item in the cart
    var itemIndex = cartItems.findIndex(function (item) {
        return item.id === itemId;
    });

    if (itemIndex !== -1) {
        // Item found in the cart, remove it
        cartItems.splice(itemIndex, 1);
    }

    // Update the cart count
}
```

```
updateCartCount();

// Update the cart items display
updateCartItems();
}

}

// Function to update the cart count
function updateCartCount() {
    var cartCountElement = document.getElementById('cart-count');
    var cartCount = 0;

    cartItems.forEach(function (item) {
        cartCount += item.quantity;
    });

    cartCountElement.textContent = cartCount;
}

// Function to update the cart items display
function updateCartItems() {
    var cartItemsElement = document.getElementById('cart-items');
    cartItemsElement.innerHTML = "";

    cartItems.forEach(function (item) {
        var cartItemElement = document.createElement('div');
        cartItemElement.classList.add('cart-item');

        var itemNameElement = document.createElement('span');
        itemNameElement.textContent = item.name;

        var itemPriceElement = document.createElement('span');
        itemPriceElement.textContent = '$' + item.price;

        var removeBtnElement = document.createElement('button');
        removeBtnElement.classList.add('remove-btn');
        removeBtnElement.textContent = 'Remove';
        removeBtnElement.addEventListener('click', function () {
            removeFromCart(item.id);
        });

        cartItemElement.appendChild(itemNameElement);
        cartItemElement.appendChild(itemPriceElement);
        cartItemElement.appendChild(removeBtnElement);
    });
}
```

```
    cartItemsElement.appendChild(cartItemElement);
  });
}

// Sample data for items
var items = [
  {
    id: 1,
    name: 'Shoe 1',
    price: 49.99,
    image:
      'https://storage.sg.content-cdn.io/cdn-cgi/image/width=550,height=412,quality=75,format=auto/in-resources/e671b7de-bcf9-4637-af5c-0ffe1c9d208a/Images/ProductImages/Source/1201A789_001_SR_RT_GLB.jpg',
  },
  {
    id: 2,
    name: 'Shoe 2',
    price: 59.99,
    image:
      'https://storage.sg.content-cdn.io/cdn-cgi/image/width=550,height=412,quality=75,format=auto/in-resources/e671b7de-bcf9-4637-af5c-0ffe1c9d208a/Images/ProductImages/Source/1202A380_700_SR_RT_GLBNSW.jpg',
  },
  // Add more items as needed
  {
    id: 3,
    name: 'Shoe 3',
    price: 69.99,
    image: 'https://example.com/shoe3.jpg',
  },
  {
    id: 4,
    name: 'Shoe 4',
    price: 79.99,
    image: 'https://example.com/shoe4.jpg',
  },
  {
    id: 5,
    name: 'Shoe 5',
    price: 89.99,
    image: 'https://example.com/shoe3.jpg',
  },
]
```

```
{
  id: 6,
  name: 'Shoe 6',
  price: 99.99,
  image: 'https://example.com/shoe3.jpg',
},
{
  id: 7,
  name: 'Shoe 7',
  price: 95.99,
  image: 'https://example.com/shoe3.jpg',
},
{
  id: 8,
  name: 'Shoe 8',
  price: 97.99,
  image: 'https://example.com/shoe3.jpg',
},
];
// Add event listeners to "Add to Cart" buttons
document.querySelectorAll('.add-to-cart-btn').forEach(function (button, index) {
  button.addEventListener('click', function () {
    addToCart(index);
  });
});

// for navigating to other html pages
// 1.running section
document.getElementById('runningBtn').addEventListener('click', function() {
  window.location.href = 'running.html';
});

// 2.SPORTSTYLE section
document.getElementById('sportBtn').addEventListener('click', function() {
  window.location.href = 'sport.html';
});

// 3.apparel section
document.getElementById('apparelBtn').addEventListener('click', function() {
  window.location.href = 'apparel.html';
});

// 4.performance section
```

```
document.getElementById('performanceBtn').addEventListener('click', function() {
  window.location.href = 'performance.html';
});
```

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <link rel="stylesheet" href="styles.css" />
    <link
      rel="stylesheet"
      href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
    />

    <title>Running Shoes</title>
  </head>
  <body>
    <nav class="navbar navbar-expand-lg navbar-light bg-white">
      <a class="navbar-brand" href="#">
        
      </a>
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbarNav"
        aria-controls="navbarNav"
        aria-expanded="false"
        aria-label="Toggle navigation"
      >
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
          <li class="nav-item active">
            <a class="nav-link size" href="#">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link size" href="#">Products</a>
          </li>
```

```

<li class="nav-item">
  <a class="nav-link size" href="#cat">Categories</a>
</li>
<li class="nav-item">
  <a class="nav-link size" href="#new">New Arrivals</a>
</li>
<div>
  <li class="nav-item">
    <a class="nav-link size" href="#contact">Contact us</a>
  </li>
</div>
</ul>
</div>
<div class="ml-auto">
  <p>
    <a href="#cart">
      
    </a>
  </p>
</div>
</nav>
<h1 class="heading mt-4">SPORTSTYLE SHOES</h1>

<div class="d-flex flex-row justify-content-between">
  <div class="bg shadow">
    
    <h4>GEL-KAYANO 29</h4>
    <p class="main">
      The GEL-KAYANO® 29 shoe creates a stable running experience and a more responsive feel underfoot.
    </p>
    <p class="main">$49.99</p>
  </div>
</div>

```

```
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>METASPEED EDGE+</h4>
<p class="main">
    The METASPEED™ EDGE+ racing shoes are designed for cadence-style
    runners who are looking to start fast and finish faster.
</p>
<p class="main">$59.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="2">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>MAGIC SPEED 2</h4>
<p class="main">
    The MAGIC SPEED™ 2 shoe offers the energy you need to move towards a
    new personal best.
</p>
<p class="main">$69.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>GEL-QUANTUM 180 VII</h4>
<p class="main">
    "The GEL-QUANTUM 180™ VII sneaker combines a futuristic shape .
</p>
<p class="main">$79.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
</div>

<div class="d-flex flex-row justify-content-between">
    <div class="bg shadow">
        
<h4>GEL-NIMBUS 25</h4>
<p class="main">
    "The GEL-NIMBUS® 25 shoe's soft cushioning properties help you feel
    like you're landing on clouds.
</p>
<p class="main">$89.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>GEL-KINSEI BLAST</h4>
<p class="main">
    The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A
    Smooth Stride. .
</p>
<p class="main">$99.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="2">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>GEL-KINSEI BLAST LE 2</h4>
<p class="main">
    The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A
    Smooth Stride.
</p>
<p class="main">$95.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>SOLUTION SWIFT FF</h4>
<p class="main">
    The Fastest Model In The Asics Tennis Range, Our Solution Speed Ff 2

```

Shoe Is All About Helping Players Expand Their Territory On The Court.

</p>

<p class="main">\$97.99</p>

<button class="btn btn-primary add-to-cart-btn" data-id="1">

 Add to Cart

</button>

</div>

</div>

<h1 class="follow-us-section-heading mx-5">Follow Us</h1>

<div class="d-flex flex-row justify-content-center">

<div class="follow-us-icon-container">

 <i class="clr fab fa-twitter icon"></i>

</div>

<div class="follow-us-icon-container">

 <i class="clr fab fa-instagram icon"></i>

</div>

<div class="follow-us-icon-container">

 <i class="clr fab fa-facebook icon"></i>

</div>

</div>

<div id="contact" class="footer-section pt-5 pb-5">

<div class="container">

<div class="row">

<div class="col-12 text-center">

<h1 class="footer-section-mail-id">ordershoe@shoeshop.com</h1>

<p class="footer-section-address">

 123 Hitec City, Hyderabad, India.

</p>

<p class="footer-section-address">

 Contact details: 1800 3000 9009

</p>

</div>

</div>

</div>

```
<script src="script.js"></script>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
<script
src="https://kit.fontawesome.com/20c5629a29.js"
crossorigin="anonymous"
></script>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <link rel="stylesheet" href="styles.css" />
    <link
      rel="stylesheet"
      href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
    />

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  </head>
  <body>
    <nav class="navbar navbar-expand-lg navbar-light bg-white">
      <a class="navbar-brand" href="#">
        
      </a>
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbarNav"
        aria-controls="navbarNav"
        aria-expanded="false"
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  </li>
</div>
</ul>
</div>
<div class="ml-auto">
  <p>
    <a href="#cart">
      
    </a>
  </p>
</div>
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<h1 class="heading mt-4">RUNNING SHOES</h1>

<div class="d-flex flex-row justify-content-between">
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    </p>
    <p class="main">$49.99</p>
  </div>
</div>

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 <i class="clr fab fa-twitter icon"></i>

</div>

<div class="follow-us-icon-container">

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</div>

<div class="follow-us-icon-container">

 <i class="clr fab fa-facebook icon"></i>

</div>

</div>

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</p>

<p class="footer-section-address">

 Contact details: 1800 3000 9009

</p>

</div>

</div>

</div>

```
<script src="script.js"></script>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
<script
src="https://kit.fontawesome.com/20c5629a29.js"
crossorigin="anonymous"
></script>
</body>
</html>
```

```
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    <meta charset="UTF-8" />
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      <a class="navbar-brand" href="#">
        
      </a>
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbarNav"
        aria-controls="navbarNav"
        aria-expanded="false"
        aria-label="Toggle navigation"
      >
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
          <li class="nav-item active">
            <a class="nav-link size" href="#">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link size" href="#">Products</a>
          </li>
```

```
<li class="nav-item">
  <a class="nav-link size" href="#cat">Categories</a>
</li>
<li class="nav-item">
  <a class="nav-link size" href="#new">New Arrivals</a>
</li>
<div>
  <li class="nav-item">
    <a class="nav-link size" href="#contact">Contact us</a>
  </li>
</div>
</ul>
</div>
<div class="ml-auto">
  <p>
    <a href="#cart">
      
    </a>
  </p>
</div>
</nav>
<h1 class="heading mt-4">PERFORMANCE SHOES</h1>

<div class="d-flex flex-row justify-content-between">
  <div class="bg shadow">
    
    <h4>GEL-KAYANO 29</h4>
    <p class="main">
      The GEL-KAYANO® 29 shoe creates a stable running experience and a more responsive feel underfoot.
    </p>
    <p class="main">$49.99</p>
```

```
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>METASPEED EDGE+</h4>
<p class="main">
    The METASPEED™ EDGE+ racing shoes are designed for cadence-style
    runners who are looking to start fast and finish faster.
</p>
<p class="main">$59.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="2">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>MAGIC SPEED 2</h4>
<p class="main">
    The MAGIC SPEED™ 2 shoe offers the energy you need to move towards a
    new personal best.
</p>
<p class="main">$69.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>GEL-QUANTUM 180 VII</h4>
<p class="main">
    "The GEL-QUANTUM 180™ VII sneaker combines a futuristic shape .
</p>
<p class="main">$79.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
</div>

<div class="d-flex flex-row justify-content-between">
    <div class="bg shadow">
        
<h4>GEL-NIMBUS 25</h4>
<p class="main">
    "The GEL-NIMBUS® 25 shoe's soft cushioning properties help you feel
    like you're landing on clouds.
</p>
<p class="main">$89.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>GEL-KINSEI BLAST</h4>
<p class="main">
    The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A
    Smooth Stride. .
</p>
<p class="main">$99.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="2">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>GEL-KINSEI BLAST LE 2</h4>
<p class="main">
    The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A
    Smooth Stride.
</p>
<p class="main">$95.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>SOLUTION SWIFT FF</h4>
<p class="main">
    The Fastest Model In The Asics Tennis Range, Our Solution Speed Ff 2

```

Shoe Is All About Helping Players Expand Their Territory On The Court.

</p>

<p class="main">\$97.99</p>

<button class="btn btn-primary add-to-cart-btn" data-id="1">

 Add to Cart

</button>

</div>

</div>

<h1 class="follow-us-section-heading mx-5">Follow Us</h1>

<div class="d-flex flex-row justify-content-center">

<div class="follow-us-icon-container">

 <i class="clr fab fa-twitter icon"></i>

</div>

<div class="follow-us-icon-container">

 <i class="clr fab fa-instagram icon"></i>

</div>

<div class="follow-us-icon-container">

 <i class="clr fab fa-facebook icon"></i>

</div>

</div>

<div id="contact" class="footer-section pt-5 pb-5">

<div class="container">

<div class="row">

<div class="col-12 text-center">

<h1 class="footer-section-mail-id">ordershoe@shoeshop.com</h1>

<p class="footer-section-address">

 123 Hitec City, Hyderabad, India.

</p>

<p class="footer-section-address">

 Contact details: 1800 3000 9009

</p>

</div>

</div>

</div>

```
<script src="script.js"></script>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
<script
src="https://kit.fontawesome.com/20c5629a29.js"
crossorigin="anonymous"
></script>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <link rel="stylesheet" href="styles.css" />
    <link
      rel="stylesheet"
      href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
    />

    <title>Running Shoes</title>
  </head>
  <body>
    <nav class="navbar navbar-expand-lg navbar-light bg-white">
      <a class="navbar-brand" href="#">
        
      </a>
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbarNav"
        aria-controls="navbarNav"
        aria-expanded="false"
        aria-label="Toggle navigation"
      >
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
          <li class="nav-item active">
            <a class="nav-link size" href="#">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link size" href="#">Products</a>
          </li>
```

```

<li class="nav-item">
  <a class="nav-link size" href="#cat">Categories</a>
</li>
<li class="nav-item">
  <a class="nav-link size" href="#new">New Arrivals</a>
</li>
<div>
  <li class="nav-item">
    <a class="nav-link size" href="#contact">Contact us</a>
  </li>
</div>
</ul>
</div>
<div class="ml-auto">
  <p>
    <a href="#cart">
      
    </a>
  </p>
</div>
</nav>
<h1 class="heading mt-4">APPAREL SHOES</h1>

<div class="d-flex flex-row justify-content-between">
  <div class="bg shadow">
    
    <h4>GEL-KAYANO 29</h4>
    <p class="main">
      The GEL-KAYANO® 29 shoe creates a stable running experience and a more responsive feel underfoot.
    </p>
    <p class="main">$49.99</p>
  </div>
</div>

```

```
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>METASPEED EDGE+</h4>
<p class="main">
    The METASPEED™ EDGE+ racing shoes are designed for cadence-style
    runners who are looking to start fast and finish faster.
</p>
<p class="main">$59.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="2">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>MAGIC SPEED 2</h4>
<p class="main">
    The MAGIC SPEED™ 2 shoe offers the energy you need to move towards a
    new personal best.
</p>
<p class="main">$69.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>GEL-QUANTUM 180 VII</h4>
<p class="main">
    "The GEL-QUANTUM 180™ VII sneaker combines a futuristic shape .
</p>
<p class="main">$79.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
</div>

<div class="d-flex flex-row justify-content-between">
    <div class="bg shadow">
        
<h4>GEL-NIMBUS 25</h4>
<p class="main">
    "The GEL-NIMBUS® 25 shoe's soft cushioning properties help you feel
    like you're landing on clouds.
</p>
<p class="main">$89.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>GEL-KINSEI BLAST</h4>
<p class="main">
    The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A
    Smooth Stride. .
</p>
<p class="main">$99.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="2">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>GEL-KINSEI BLAST LE 2</h4>
<p class="main">
    The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A
    Smooth Stride.
</p>
<p class="main">$95.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
    
<h4>SOLUTION SWIFT FF</h4>
<p class="main">
    The Fastest Model In The Asics Tennis Range, Our Solution Speed Ff 2

```

Shoe Is All About Helping Players Expand Their Territory On The Court.

</p>

<p class="main">\$97.99</p>

<button class="btn btn-primary add-to-cart-btn" data-id="1">

 Add to Cart

</button>

</div>

</div>

<h1 class="follow-us-section-heading mx-5">Follow Us</h1>

<div class="d-flex flex-row justify-content-center">

<div class="follow-us-icon-container">

 <i class="clr fab fa-twitter icon"></i>

</div>

<div class="follow-us-icon-container">

 <i class="clr fab fa-instagram icon"></i>

</div>

<div class="follow-us-icon-container">

 <i class="clr fab fa-facebook icon"></i>

</div>

</div>

<div id="contact" class="footer-section pt-5 pb-5">

<div class="container">

<div class="row">

<div class="col-12 text-center">

<h1 class="footer-section-mail-id">ordershoe@shoeshop.com</h1>

<p class="footer-section-address">

 123 Hitec City, Hyderabad, India.

</p>

<p class="footer-section-address">

 Contact details: 1800 3000 9009

</p>

</div>

</div>

</div>

```
<script src="script.js"></script>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
<script
src="https://kit.fontawesome.com/20c5629a29.js"
crossorigin="anonymous"
></script>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Shoe Store</title>
    <link rel="stylesheet" href="styles.css" />
    <link
      rel="stylesheet"
      href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
    />
  </head>
  <body>
    <nav class="navbar navbar-expand-lg navbar-light bg-white">
      <a class="navbar-brand" href="#">
        
      </a>
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbarNav"
        aria-controls="navbarNav"
        aria-expanded="false"
        aria-label="Toggle navigation"
      >
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
          <li class="nav-item active">
            <a class="nav-link size" href="index.html">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link size" href="#productSection">Products</a>
          </li>
          <li class="nav-item">
            <a class="nav-link size" href="#cat">Categories</a>
          </li>
        </ul>
      </div>
    </nav>
  </body>

```

```
</li>
<li class="nav-item">
  <a class="nav-link size" href="#new">New Arrivals</a>
</li>
<div>
  <li class="nav-item">
    <a class="nav-link size" href="#contact">Contact us</a>
  </li>
</div>
</ul>
</div>
<div class="ml-auto">
  <p>
    <a href="#cart">
      
    </a>
  </p>
</div>
</nav>

<div
  id="carouselExampleIndicators"
  class="carousel slide"
  data-ride="carousel"
>
<ol class="carousel-indicators">
  <li
    data-target="#carouselExampleIndicators"
    data-slide-to="0"
    class="active"
  ></li>
  <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
  <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
</ol>
<div class="carousel-inner">
  <div class="carousel-item active">
    
  </div>
</div>
```

```
    alt="Image 1"
  />
</div>
<div class="carousel-item">
  
</div>
<div class="carousel-item">
  
</div>
</div>
<a
  class="carousel-control-prev"
  href="#carouselExampleIndicators"
  role="button"
  data-slide="prev"
>
  <span class="carousel-control-prev-icon" aria-hidden="true"></span>
  <span class="sr-only">Previous</span>
</a>
<a
  class="carousel-control-next"
  href="#carouselExampleIndicators"
  role="button"
  data-slide="next"
>
  <span class="carousel-control-next-icon" aria-hidden="true"></span>
  <span class="sr-only">Next</span>
</a>
</div>
<div>
  
</div>
```

```
<div>
  <h1 id="productSection" class="heading">Featured Products</h1>
  <div class="imgs d-flex flex-row justify-content-between">
    
    
  </div>
</div>

<div>
  <h1 id="cat" class="heading">Top Categories</h1>
  <div class="d-flex flex-row">
    <div class="m-5">
      

      <p class="sub-head text-center">RUNNING</p>
      <div class="text-center">
        <button id="runningBtn" class="btn btn-primary">shop Now</button>
      </div>
    </div>
    <div class="m-5">
      

      <p class="sub-head text-center">SPORTSTYLE</p>
      <div class="text-center">
        <button id="sportBtn" class="btn btn-primary">shop Now</button>
      </div>
    </div>
  </div>

  <div class="m-5">
    

    <p class="sub-head text-center">APPAREL</p>
    <div class="text-center">
      <button id="apparelBtn" class="btn btn-primary">shop Now</button>
    </div>
  </div>
</div>
```

```
</div>
</div>
<div class="m-5">


<p class="sub-head text-center">PERFORMANCE</p>
<div class="text-center">
  <button id="performanceBtn" class="btn btn-primary">shop Now</button>
</div>
</div>
</div>
<div>
<h1 id="new" class="heading">NEW ARRIVALS</h1>
<div class="d-flex flex-row">
  <div>
    
  </div>
  <div>
    
  </div>
  <div>
    
  </div>
</div>
<div>
<h1 class="heading mt-4">RECOMMENDED PRODUCTS</h1>

<div class="d-flex flex-row justify-content-between">
  <div class="bg shadow">
    
</div>

```

```
    class="image"
/>
<h4>GEL-KAYANO 29</h4>
<p class="main">
  The GEL-KAYANO® 29 shoe creates a stable running experience and a more
  responsive feel underfoot.
</p>
<p class="main">$49.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
  Add to Cart
</button>
</div>
<div class="bg shadow">
  
<h4>METASPEED EDGE+</h4>
<p class="main">
  The METASPEED™ EDGE+ racing shoes are designed for cadence-style
  runners who are looking to start fast and finish faster.
</p>
<p class="main">$59.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="2">
  Add to Cart
</button>
</div>
<div class="bg shadow">
  
<h4>MAGIC SPEED 2</h4>
<p class="main">
  The MAGIC SPEED™ 2 shoe offers the energy you need to move towards a
  new personal best.
```

```
</p>
<p class="main">$69.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
  Add to Cart
</button>
</div>
<div class="bg shadow">
  
<h4>GEL-QUANTUM 180 VII</h4>
<p class="main">
  "The GEL-QUANTUM 180™ VII sneaker combines a futuristic shape .
</p>
<p class="main">$79.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
  Add to Cart
</button>
</div>
</div>

<div class="d-flex flex-row justify-content-between">
  <div class="bg shadow">
    
<h4>GEL-NIMBUS 25</h4>
<p class="main">
  "The GEL-NIMBUS® 25 shoe's soft cushioning properties help you feel
  like you're landing on clouds.
</p>
<p class="main">$89.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
  Add to Cart
</button>
</div>
</div>
```

```
</button>
</div>
<div class="bg shadow">

<h4>GEL-KINSEI BLAST</h4>
<p class="main">
    The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A
    Smooth Stride. .
</p>
<p class="main">$99.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="2">
    Add to Cart
</button>
</div>
<div class="bg shadow">

<h4>GEL-KINSEI BLAST LE 2</h4>
<p class="main">
    The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A
    Smooth Stride.
</p>
<p class="main">$95.99</p>
<button class="btn btn-primary add-to-cart-btn" data-id="1">
    Add to Cart
</button>
</div>
<div class="bg shadow">
  />  

#### SOLUTION SWIFT FF

    The Fastest Model In The Asics Tennis Range, Our Solution Speed Ff 2  
    Shoe Is All About Helping Players Expand Their Territory On The Court.

\$97.99

Add to Cart

<div class="container mt-5">  
  <h2 id="cart">Cart</h2>  
  <div id="cart-items"></div>  
  <p>Total items in cart: <span id="cart-count">0</span></p>  
</div>

<h1 class="follow-us-section-heading">Follow Us</h1>

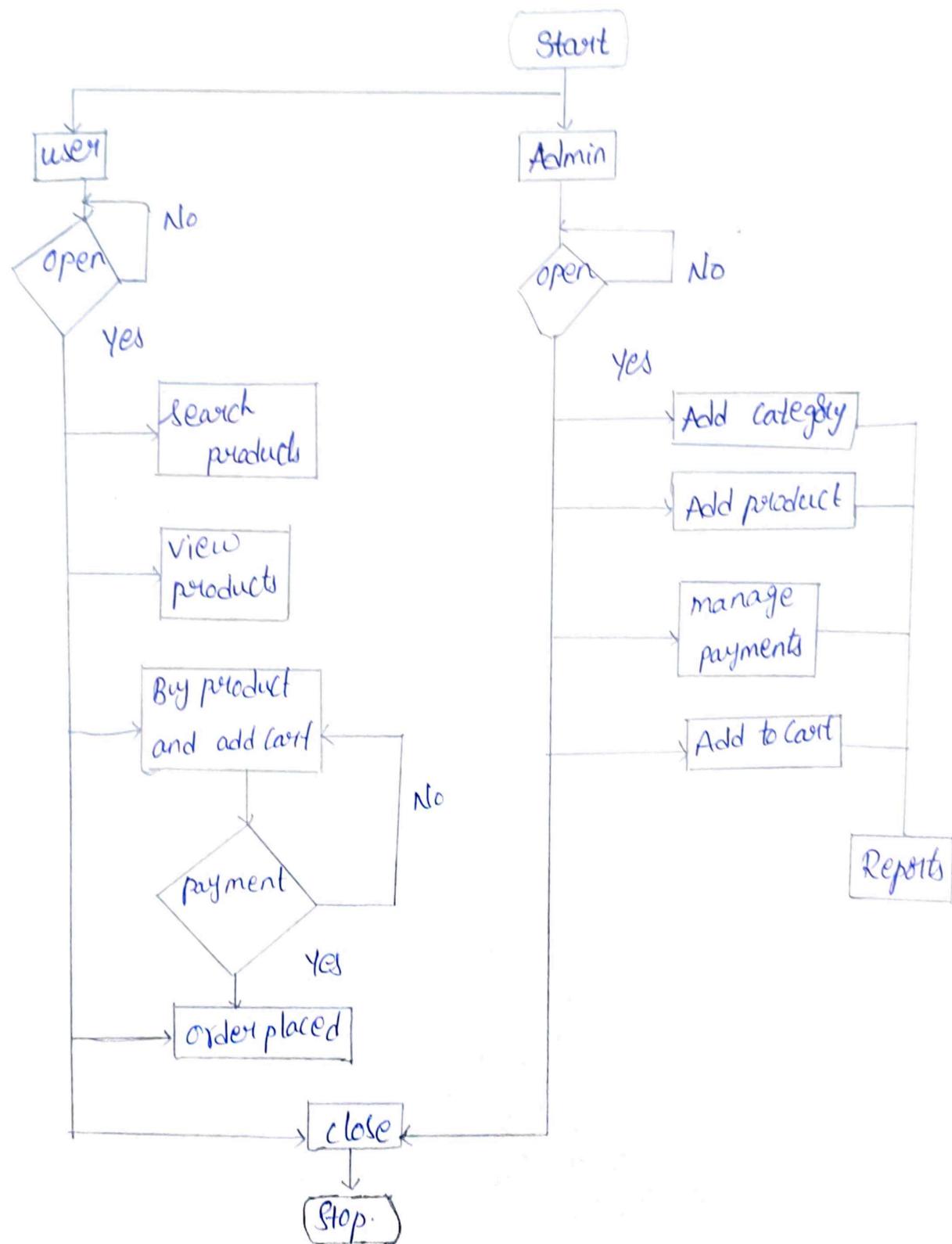
<div class="d-flex flex-row justify-content-center">  
  <div class="follow-us-icon-container">  
    <i class="clr fab fa-twitter icon"></i>  
  </div>  
  <div class="follow-us-icon-container">  
    <i class="clr fab fa-instagram icon"></i>  
  </div>  
  <div class="follow-us-icon-container">  
    <i class="clr fab fa-facebook icon"></i>  
  </div>  
</div>

<div id="contact" class="footer-section pt-5 pb-5">  
  <div class="container">  
    <div class="row">  
      <div class="col-12 text-center">  
        
<h1 class="footer-section-mail-id">ordershoe@shoeshop.com</h1>
<p class="footer-section-address">
    123 Hitec City, Hyderabad, India.
</p>
<p class="footer-section-address">
    Contact details: 1800 3000 9009
</p>
</div>
</div>
</div>
</div>

<script src="script.js"></script>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
<script
    src="https://kit.fontawesome.com/20c5629a29.js"
    crossorigin="anonymous"
></script>
</body>
</html>
```

Theoretical Analysis:

Block Diagram:



Hardware Requirements:

- * the hardware required to build a ecommerce site app.
- ① processor: we should need a good processor so that we can work on it without any problem. The processor required is pentium 81 above to work smoothly.
- ② Ram: the RAM should be more so that while working there will be no more load on the processor.
- ③ Secondary storage: A disk drive of 500mb & more sufficient to store the work files on local storage.
- ④ Input devices: The devices used are keyboard and mouse.
- ⑤ output devices: the output device is the monitor where we can see the output & display the code & execute the code.

Software Requirements:

* the software /application required to build the ecommerce website are

operating system: we know that os is main to work on a pc so computer we can use versions of windows, Mac, ubuntu, Linux. But by using the latest as the system will work efficiently.

Frontend: we have to create a code for html, a javascript file for JS code and a css file for designing the webpage we can also use the bootstrap to work fastly.

Local host: here we can use the microsoft visual studio code for writing and executing all the code needed.

Backend: we have to connect to a database so that information will be stored. we can also use python, java, php, ruby on rails as backend.

Shoe Store Shoe Store Shoe Store

File | C:/Users/Jhansi/Desktop/intenship%20project/Ecommerce/index.html#productSection

 SHOESSTORE 

Home Products Categories New Arrivals Contact us

SPORTSTYLE

Inspired by sport performance and defined by lifestyle-wear what speaks to your soul.



32°C Mostly sunny  ENG IN 13:44 28-07-2023



RECOMMENDED PRODUCTS



GEL-KAYANO 29

The GEL-KAYANO® 29 shoe creates a stable running experience and a more responsive feel underfoot.

\$49.99

[Add to Cart](#)



METASPEED EDGE+

The METASPEED™ EDGE+ racing shoes are designed for cadence-style runners who are looking to start fast and finish faster.

\$59.99

[Add to Cart](#)



MAGIC SPEED 2

The MAGIC SPEED™ 2 shoe offers the energy you need to move towards a new personal best.

\$69.99

[Add to Cart](#)



GEL-QUANTUM 180 VII

"The GEL-QUANTUM 180™ VII sneaker combines a futuristic shape

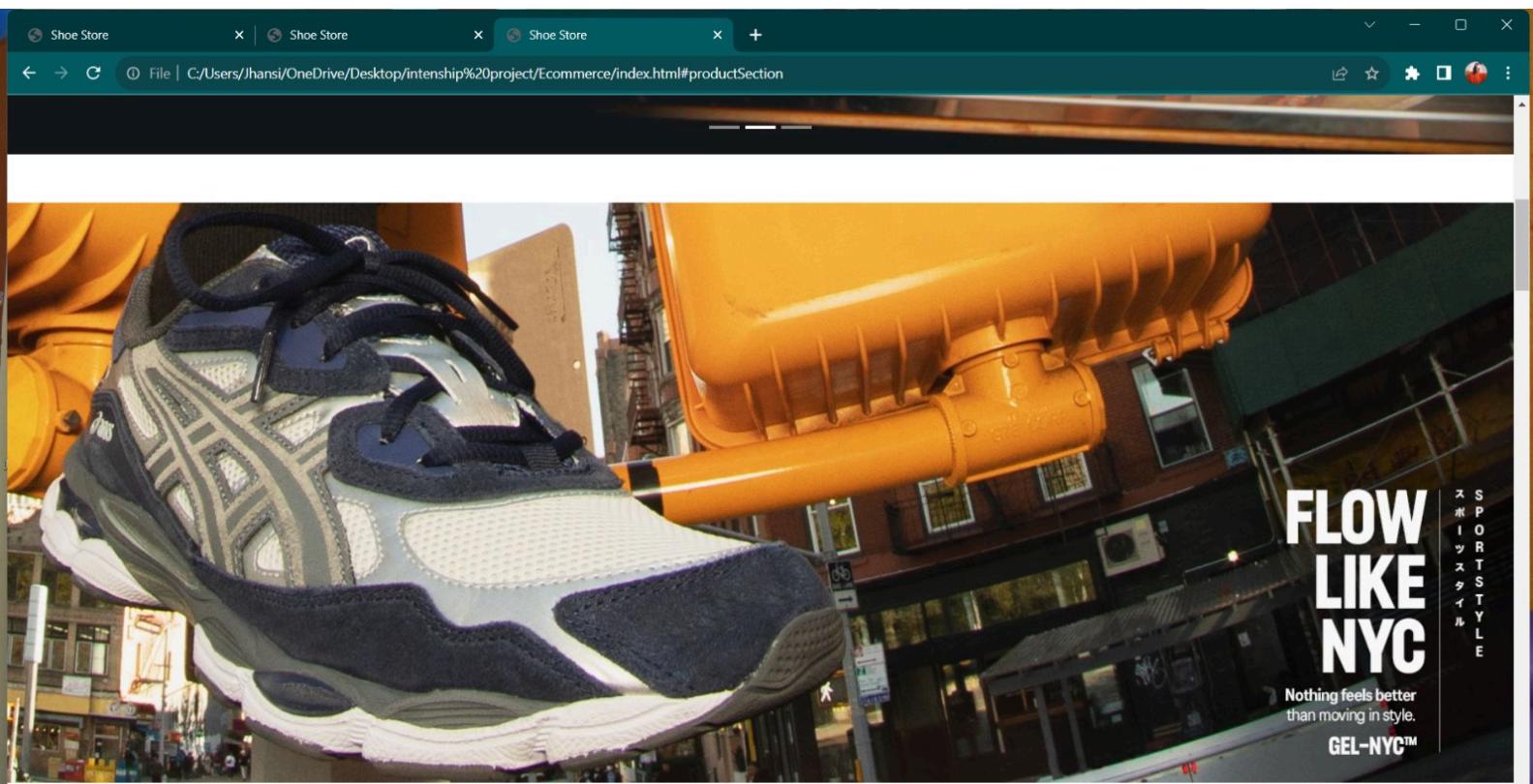
\$79.99

[Add to Cart](#)

The screenshot shows a web browser with three tabs, all titled "Shoe Store". The main content area displays four product cards for Asics shoes:

- GEL-NIMBUS 25**
The GEL-NIMBUS® 25 shoe's soft cushioning properties help you feel like you're landing on clouds.
\$89.99
[Add to Cart](#)
- GEL-KINSEI BLAST**
The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A Smooth Stride..
\$99.99
[Add to Cart](#)
- GEL-KINSEI BLAST LE 2**
The Gel-Kinsei Blast Shoes Are Designed For Distance Runners Seeking A Smooth Stride.
\$95.99
[Add to Cart](#)
- SOLUTION SWIFT FF**
The Fastest Model In The Asics Tennis Range, Our Solution Speed Ff 2 Shoe Is All About Helping Players Expand Their Territory On The Court.
\$97.99
[Add to Cart](#)





**FLOW
LIKE
NYC**

Nothing feels better
than moving in style.

GEL-NYC™

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Featured Products



Shoe Store Shoe Store Shoe Store

File | C:/Users/Jhansi/Desktop/intenship%20project/Ecommerce/index.html#productSection

 SHOESSTORE  SHOESSTORE

Home Products Categories New Arrivals Contact us

The most comfortable running shoe*

Introducing the new GEL-NIMBUS™ 25 shoe.

[Shop Now](#)



*Tested by 100 runners against competitor products. Independent comfort test, The Biomechanics Lab, South Australia.

32°C Mostly sunny  ENG IN 13:43 28-07-2023

GEL-Nimbus™ Collection



GEL-CUMULUS® 25 COLLECTION



Top Categories

32°C
Mostly sunny

Search

ENG IN 28-07-2023 13:43

Top Categories

 RUNNING [shop Now](#)

 SPORTSTYLE [shop Now](#)

 APPAREL [shop Now](#)

 PERFORMANCE [shop Now](#)



32°C
Mostly sunny

Search

Windows Start Menu

13:43
28-07-2023

Advantages of eCommerce:

- ① 24/7 Availability: online stores are accessible 24/7, allowing customers to shop at their convenience, regardless of time zones or business hours. This flexibility is highly appealing to modern consumers.
- ② Cost-effective: setting up and operating an online store is generally more cost-effective than maintaining a brick-and-mortar establishment. Lower operational costs can lead to more competitive pricing for products.
- ③ Wide Market Visibility: through search engine optimization (SEO) and digital marketing strategies, eCommerce businesses can increase their online visibility, attracting potential customers from various online channels.
- ④ Faster Transaction Process: online payments and digital transaction make the purchasing process quicker and more efficient for both businesses and customers, leading to higher customer satisfaction.
- ⑤ Data and Analytics: eCommerce platforms generate valuable data and analytics on customers' behavior, buying patterns and preferences. This information helps businesses improve their market strategies and optimize their offerings.

Disadvantages of e-commerce:

- ① Lack of personal interaction: In e-commerce, there is no face-to-face interaction between consumers and sellers. This absence of personal touch can sometimes lead to a sense of detachment and less trust in online transactions.
- ② Security concerns: Online transactions involve the exchange of sensitive personal and financial information. The risk of data breaches, hacking, and identity theft remains a significant concern for both businesses and customers.
- ③ Dependency on technology: Technical issues such as website downtime, server crashes or payments gateway problems, can disrupt the shopping experience and result in lost sales.
- ④ Product quality and authenticity: Customers may be hesitant to purchase products they can't physically inspect. The risk of receiving counterfeit or low-quality items is higher in some cases.
- ⑤ Return and customer services: Returning products purchased online can be more cumbersome than returning items to physical stores. Resolving customer queries and complaints in an online shopping environment can also be challenging.

Applications:

- ① Online Retail: perhaps the most well known application of e-commerce is in online retail. Consumers can purchase a wide range of products directly from commerce website or online marketplace. This include every thing from clothing and electronic to groceries and house hold items.
- ② B2B Commerce: e-commerce facilitates transaction between businesses, streamlining procurement processes and supply chain management. B2B e-commerce platform allow business to place bulk orders, negotiate contracts and manage inventory electronically.
- ③ Online Travel and Booking: E-commerce has revolutionized the travel industry, allowing customers to book flights, hotels, rental cars and vacation package online. Travel agencies and aggregators offer comprehensive platform for comparing prices.
- ④ Financial Services: e-commerce has also extended into the financial sector, enabling online banking, electronic fund transfer, mobile payments and digital wallets.
- ⑤ E-Government and E-services: Governments use e-commerce to provide service to citizen online, such as a tax filing, licence renewal and utility bill payments.

Conclusion:

- * E commerce is a useful app which help to buying and selling of goods through online.
- * By working to create the ecommerce app by frontend I came to know how to create it, mark it done when work is completed and some features of the app
- * This app helps the students for work and business as well.
- * But we should not become overly reliant on the app
- * It helps in every application and can be easily accessible.
- * So it is very useful to the customers from buying shoes online.
- * While ecommerce had many advantages, it also faced challenge such as a cybersecurity threats, issue related to data privacy.

Future Scope:

The future scope of eCommerce appeared promising and continued to be filled with opportunities.

- ① Global Expansion: eCommerce was expected to continue its global expansion with more business entering the online space and reach customers worldwide. As internet penetration increased in emerging markets, new opportunities for growth and market expansion were likely to be merge.
- ② Personalize recommendation: we can even personalize more based on user behaviour and preference.
- ③ voice commerce: The emergence of voice-controlled virtual assistants and smart speaker opened up new possibilities for voice commerce. This technology allow customers to make purchase using voice commands, further streamlining the shopping processes.
- ④ Focus on well-being: By incorporating features to promote mindfulness, stress reduction, and work-life balance.
- ⑤ cross-platform functionality: It will be more cross platform friendly, ensuring easy synchronization.