

A Field Project Report on

# **ONLINE CLOTHING STORE FOR MEN**

**Submitted**

*In partial fulfillment of the requirements for the award of the degree*

**BACHELOR OF TECHNOLOGY**

**In**

**COMPUTER SCIENCE and ENGINEERING**

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**VIGNAN'S**

**FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH**

**(Deemed to be University) - Estd. u/s 3 of UGC Act 1956**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

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**Vadlamudi, Guntur -522213, INDIA.**

**April, 2025**



# VIGNAN'S

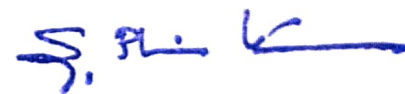
FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH

(Deemed to be University) - Estd. u/s 3 of UGC Act 1956

## CERTIFICATE

This is to certify that the field project entitled "*FASHION FORWARD*" is being submitted by [S.KOUSHIK], [231FA04756], [V.NITEESH], [231FA04761], [P.L.NARASIMHA], [231FA04799], and [K.REVANTH], [231FA04820] in partial fulfilment of the requirements for the degree of **Bachelor of Technology (B.Tech.) in Computer Science and Engineering** at Vignan's Foundation for Science, Technology and Research (Deemed to be University), Vadlamudi, Guntur District, Andhra Pradesh, India.

This is a bonafide work carried out by the aforementioned students under my guidance and supervision.

  
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## DECLARATION

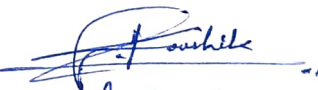
**Date:09.04.2025**

We hereby declare that the work presented in the field project titled "FASHION FORWARD" is the result of our own efforts and investigations.

This project is being submitted under the supervision of **Mr.T.Narasimha Rao, Assistant Professor, CSE** in partial fulfillment of the requirements for the Bachelor of Technology (B.Tech.) degree in Computer Science and Engineering Vignan's Foundation for Science, Technology and Research (Deemed to be University), Vadlamudi, Guntur, Andhra Pradesh, India.

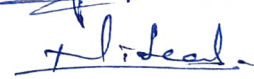
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## **1.INTRODUCTION**

At our online clothing store, we deliver fresh, high-quality apparel right to your doorstep with just a few clicks. Our mission is to make shopping for men's fashion easy, convenient, and enjoyable. Whether you're looking for casual wear, formal attire, or activewear, we've got you covered.

With a user-friendly interface, secure payment options, and fast delivery, we ensure a seamless shopping experience. Browse through our extensive range of clothing categories, add your favorites to your cart, and enjoy delivery at your convenience.

We believe in providing not just convenience but also an exceptional shopping experience. Our website allows you to explore a wide selection of styles and easily find what you need. With detailed product descriptions, high-quality images, and customer reviews, making informed purchases has never been easier.

We partner with trusted suppliers to ensure that you receive only the best quality clothing while maintaining competitive prices. Our commitment to sustainability and supporting ethical brands is at the core of our operation. Understanding that everyone's style is unique, we offer a variety of choices, including eco-friendly materials and inclusive sizing options to cater to diverse preferences.

Experience the difference with our online clothing store—where style meets convenience!

### **1.1 Problem Definition**

Develop a web-based online clothing store for men that allows users to browse, search, and purchase men's clothing seamlessly. The platform should be user-friendly, responsive across devices, and provide essential features such as product categorization, cart management, secure checkout, and order tracking. The challenge lies in integrating HTML, CSS, and JavaScript to create a smooth and customizable shopping experience for users.

### **1.2 Existing Software**

**(Traditional men's wear Shopping)**

- Customers visit physical stores for men's wear shopping.
- Requires time and effort to search for items.
- Prone to product unavailability and long checkout queues.
- Limited working hours and geographical constraints.
- No personalized recommendations or order tracking.

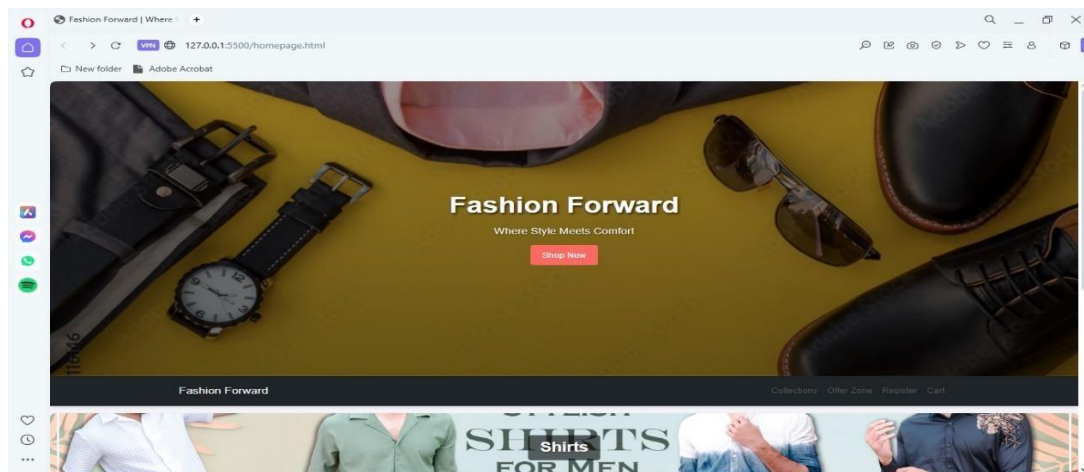
### 1.3 Proposed Software

Provides a digital platform for customers to browse and buy men's wear. Eliminates the need for physical visits, saving time and effort.

Ensures real-time inventory updates to prevent unavailability issues.

Offers door- delivery, reducing travel and waiting time.

Provides personalized recommendations and secure payment options



### 1.4 Literature Review

The rise of online clothing stores for men has become a significant trend in the retail landscape, driven by technological advancements, changing consumer preferences, and the demand for convenience. This literature survey aims to

provide an overview of existing research on men's online clothing shopping, focusing on consumer behavior, market trends, technological innovations, and the impact of e-commerce on traditional retail.

### **1.Consumer Behavior and Preferences**

Research indicates that convenience is a primary motivator for men shopping online for clothing. According to SaleHoo (2025), 43% of men purchase clothing and shoes online, reflecting a growing preference for the ease of digital shopping over traditional retail experiences. Factors such as time-saving, avoiding long queues, and the ability to shop from home significantly influence this trend (Kumar et al., 2020). Additionally, Spoke London (2023) highlights that 71% of US men do not compare prices before making purchases, indicating a willingness to make quick decisions based on convenience rather than extensive research.

### **2.Business Models and Market Trends**

The online clothing market has seen various business models emerge, from direct-to-consumer platforms to partnerships with traditional retailers. Chong et al. (2020) found that online-only stores often provide competitive pricing and flexible delivery options compared to brick-and-mortar stores expanding into e-commerce. The global apparel market is projected to exceed \$2.1 trillion by 2025, presenting immense growth potential for sellers targeting male audiences.

### **2. Technological Innovations**

Technological advancements have played a crucial role in the growth of online clothing stores for men. Yadav et al. (2021) discuss how artificial intelligence (AI) and machine learning are being utilized to personalize shopping experiences and optimize supply chains. Features such as virtual try-ons and personalized recommendations enhance customer engagement and satisfaction.



## 2.SYSTEM REQUIREMENTS

- **Frontend:**

HTML, CSS, JavaScript

UI Design (Figma, Sketch)

Responsive (Bootstrap)

- **Backend:**

Languages (Python, PHP, Node.js, Java)

Databases (MySQL, PostgreSQL, MongoDB)

Server (Apache, Nginx)

- **Payment Gateway:**

Phonepay, Paytm, PayPal, ...

- **Security:**

SSL, 2FA, Encryption

### 2.1 Hardware & Software

#### Requirements Hardware

- **Web Servers** – To host the website and handle incoming traffic.
- **Database Servers** – For storing and managing product data, customer information, orders, etc.
- **Storage** – Sufficient storage for product images, videos, and backups.
- **Backup Systems** – To ensure data redundancy and protection against data loss.
- **Load Balancers** – To distribute traffic efficiently across multiple servers.



- **Security Infrastructure** – Hardware firewalls and SSL certificates to protect customer data.
- **Networking Equipment** – Routers, switches, and bandwidth to ensure smooth online transactions.
- **Payment Gateway Hardware** – For processing payments securely.

## Software

- **Operating System:** Linux (Ubuntu, CentOS) or Windows Server for the server.
- Cross-platform support for client devices (Windows, macOS, iOS, Android).
- **Web Server:** Apache HTTP Server or Nginx.
- **Database:** MySQL, PostgreSQL for structured data.

MongoDB for unstructured or dynamic data.

- **Programming Languages:**

Backend: PHP, Python (Django), Ruby, or Node.js.

Frontend: HTML, CSS, JavaScript (React.js, Angular).

- **Payment Gateway Integration:**

PayPal, Stripe, and other third-party payment solutions.

- **Security:**

SSL/TLS encryption, two-factor authentication, firewall software, and PCI-DSS compliance for secure transactions.

## 2.2 Short Software Requirements

## 1. Introduction

### Purpose

This document outlines the software requirements for an e-commerce website, focusing on user-friendly shopping, secure transactions, and efficient management.

## 2. Overall Description

### Product Functions

1. **User Management:** Registration, login, profile management.
2. **Product Management:** Browse, search, filter products.
3. **Shopping Cart:** Add/remove items, update quantities.
4. **Order Management:** Checkout, order tracking.
5. **Payment Integration:** Support multiple payment methods.
6. **Admin Dashboard:** Manage products, users, and orders.

### Constraints

- Comply with GDPR and PCI DSS.
- Support up to 10,000 concurrent users.

## 3. Specific Requirements

### Functional Requirements

- Secure user authentication.
- Product search and filters by category, price, and ratings.
- Smooth checkout with order confirmation.

### Non-Functional Requirements

- Load pages within 2 seconds.
- Ensure 99.9% uptime.
- Use SSL for secure data transmission.

## 4. External Interfaces

- User-friendly, responsive UI.
- Integrate with payment gateways (e.g., Stripe, PayPal).

### 3. SYSTEM DESIGNS

#### 1. Architecture

- **Frontend:** Built using React or Angular for a responsive and interactive user interface.
- **Backend:** Node.js or Django for handling business logic and API integration.
- **Database:**
  - Relational (MySQL/PostgreSQL) for structured data (products, orders, users).
  - NoSQL (MongoDB) for unstructured data (logs, analytics).
- **Hosting:** Cloud-based (AWS, Azure) with auto-scaling and load balancing.

#### 2. Key Components

##### ➤ User Management

- Authentication via JWT or OAuth.
- Secure password storage using hashing (e.g., bcrypt).

##### ➤ Product Management

- Product catalog stored in the database with indexing for search.
- Search and filter features implemented using Elasticsearch.

##### ➤ Shopping Cart

- Session-based cart for guests.
- Persistent cart for logged-in users using database storage.

##### ➤ Order Management

- Multi-step checkout process.
- Order tracking with status updates.

##### ➤ Payment Gateway

- Integration with Stripe, PayPal, or Razorpay for secure transactions.

##### ➤ Admin Panel

- Dashboard for managing products, orders, and users.
- Analytics visualization using libraries like Chart.js or D3.js.

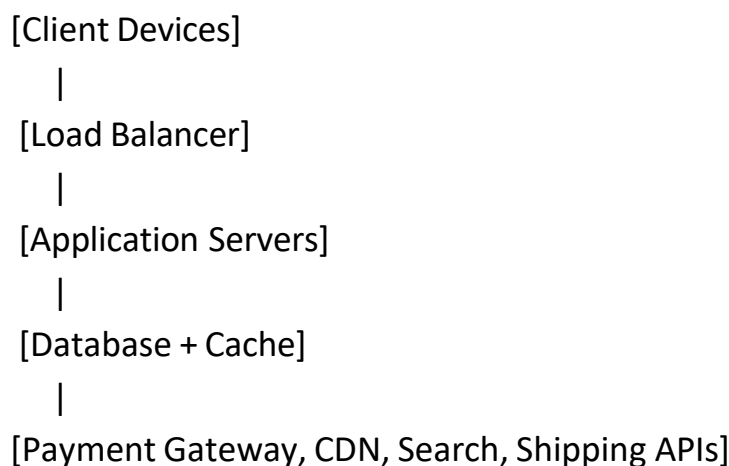
##### ➤ Deployment

- **CI/CD Pipeline:** Automate testing and deployment using Jenkins or GitHub Actions.
- **Monitoring:** Tools like New Relic or Grafana for real-time performance tracking.

#### 4. Security

- Use HTTPS for secure communication.
- Implement firewalls and regular vulnerability scanning.
- Protect against SQL injection, XSS, and CSRF attacks.

##### 1. High-Level Diagram



#### 3.1 Modules of System

1. **User Module:** Registration, login, profile management, role-based access.
2. **Product Management:** CRUD for products, catalog browsing, search, and filters.
3. **Shopping Cart:** Add/remove items, update quantities, save cart.
4. **Order Management:** Place orders, track orders, view history, generate invoices.
5. **Payment Integration:** Secure payment gateways, refunds, transaction history.
6. **Shipping:** Real-time shipping cost, tracking via APIs.
7. **Admin Dashboard:** Manage users, products, orders, and view analytics.

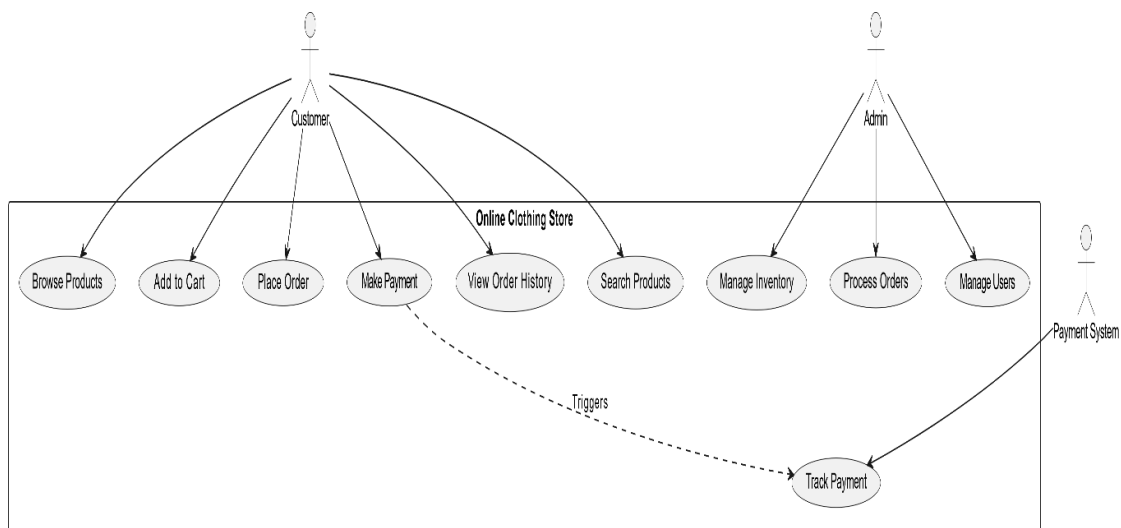
8. **Notifications:** Email/SMS alerts for orders and updates.

### 3.2 UML Diagrams

#### Use Case Diagram (Textual Representation)

- **Actors:**
  - Customer: The user who shops at the online clothing store for men.
  - Admin: The person who manages the inventory, orders, and overall store.
  - Payment System: External system to process payments.
- **Use Cases:**
  - Browse Products: Customers can view available products.
  - Add to Cart: Customers can add items to their shopping cart.
  - Place Order: After selecting products, customers can place an order.
  - Make Payment: Customers can complete their purchase through a payment system.
  - View Order History: Customers can view past orders.
  - Search Products: Customers can search for specific products.
  - Manage Inventory: Admin can add or remove products from the inventory.
  - Process Orders: Admin can process and dispatch orders.
  - Manage Users: Admin can manage customer accounts.
  - Track Payment: Payment system processes payment and informs the system of status.

**Representation:**



## ➤ Class Diagram

The class diagram represents the objects in the system, their attributes, and the relationships between them.

Classes:

### 1. Customer

#### ○ Attributes:

- customerID: Integer
- name: String
- email: String
- address: String
- phone: String

#### ○ Methods:

- register(): void
- login(): void
- viewOrderHistory(): List<Order>
- placeOrder(): void

### 2. Product

#### ○ Attributes:

- productID: Integer

- name: String
- description: String
- price: Decimal
- stockQuantity: Integer
- Methods:
  - updateStock(): void
  - updatePrice(): void

### 3. Order

- Attributes:
  - orderID: Integer
  - customerID: Integer
  - orderDate: Date
  - totalAmount: Decimal
  - status: String (Pending, Processed, Shipped, Delivered)
- Methods:
  - calculateTotal(): Decimal
  - updateStatus(): void
  - generateInvoice(): void

### 4. Cart

- Attributes:
  - cartID: Integer
  - customerID: Integer
  - productList: List<Product>
  - totalAmount: Decimal



- Methods:
  - addItem(product: Product): void
  - removeItem(product: Product): void
  - calculateTotal(): Decimal

## 5. Payment

- Attributes:
  - paymentID: Integer
  - orderID: Integer
  - amount: Decimal
  - paymentMethod: String
  - paymentStatus: String (Successful, Failed, Pending)
- Methods:
  - processPayment(): void
  - verifyPayment(): Boolean

## 6. Admin

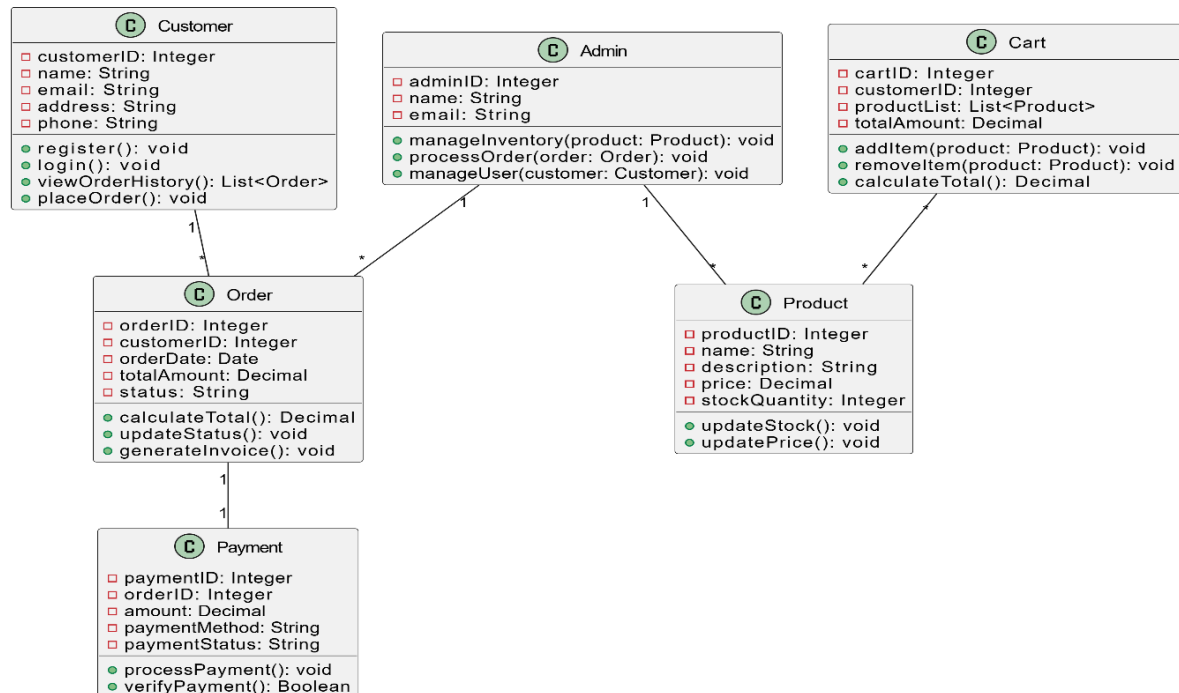
- Attributes:
  - adminID: Integer
  - name: String
  - email: String
- Methods:
  - manageInventory(product: Product): void
  - processOrder(order: Order): void
  - manageUser(customer: Customer): void

### Relationships:

- Customer → Order (1-to-many): A customer can have multiple orders.
- Order → Payment (1-to-1): An order is associated with a payment.

- Cart → Product (many-to-many): A cart can have many products.
- Admin → Product (1-to-many): An admin manages multiple products.
- Admin → Order (1-to-many): An admin processes multiple orders.

## Representation:



## Activity Diagram

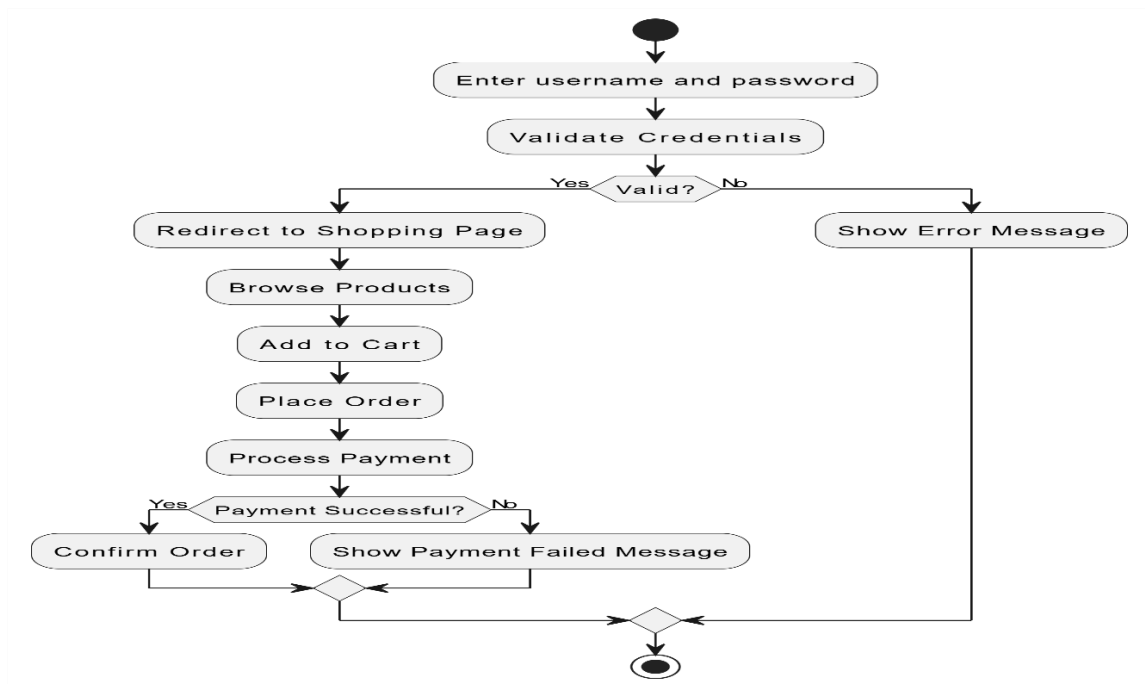
### Description

An **Activity Diagram** represents the workflow of a process. This diagram illustrates the login process and item purchase workflow.

### Scenario

1. The customer enters a username and password.
2. The system verifies login credentials.
3. If valid, the customer is redirected to the shopping page.
4. The customer selects products and adds them to the cart.
5. The customer places the order.
6. The payment is processed.
7. If successful, the order is confirmed.

## Representation:



## 4.IMPLEMENTATION

### ➤ Technology Stack

#### Frontend:

- **Languages:** HTML, CSS, JavaScript.
- **Frameworks:** React.js, Angular, or Vue.js.
- **Features:**
  - Responsive design for mobile and desktop.
  - User-friendly navigation for browsing and searching products.

#### Backend:

- **Languages:** Node.js, Python (Django/Flask), Java (Spring Boot), or Ruby on Rails.
- **Features:**
  - RESTful APIs for data handling.
  - Business logic for cart, orders, and payments.

#### Database:

- **Relational Databases:** MySQL, PostgreSQL.
- **NoSQL Databases:** MongoDB (for flexibility in product catalog).
- **Features:**
  - Data storage for users, products, orders, and transactions.
  - Optimization for search and filtering.

#### Hosting:

- **Cloud Providers:** AWS, Google Cloud, Azure.
- **Services:** Load balancers, auto-scaling, CDN (e.g., Cloudflare).

## ➤ **Key Modules and Their Implementation**

### **1. User Management:**

- **Features:** Registration, login/logout, profile updates.
- **Implementation:**
  - **Authentication:** Use OAuth 2.0 or JWT.
  - **Encryption:** Store passwords securely using bcrypt.

### **2. Product Management:**

- **Features:** Add, update, delete products (Admin); search and browse (Customer).
- **Implementation:**
  - **Database schema:** Store product details, images, and stock.
  - **Search:** Use Elasticsearch or database indexing for fast queries.

### **3. Shopping Cart:**

- **Features:** Add/remove items, calculate total price.
- **Implementation:**
  - Store cart data in sessions (short-term) or a database (long-term).
  - Apply business logic for discounts and taxes.

### **4. Order Management:**

- **Features:** Order placement, tracking, history.
- **Implementation:**
  - Use order status enums (e.g., Pending, Shipped, Delivered).
  - Send real-time order updates using WebSockets or notifications.

### **5. Payment Integration:**

- **Features:** Secure payment processing, refunds.
- **Implementation:**

- Integrate payment gateways (e.g., Stripe, PayPal).
- Ensure PCI DSS compliance for secure transactions.

## 6. Shipping:

- **Features:** Real-time tracking, shipping cost calculation.
- **Implementation:**
  - Integrate third-party shipping APIs (e.g., FedEx, UPS).

## 7. Admin Dashboard:

- **Features:** Manage users, view sales reports, monitor activities.
- **Implementation:**
  - Use data visualization libraries (e.g., Chart.js, Recharts).

### 4.1 Sample Code

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Fashion Forward | Where Style Meets Comfort</title>
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootst
rap.min.css">
<style>
body {
font-family: 'Roboto', Arial, sans-serif;
margin: 0;
padding: 0;
background-color: #f4f4f9;
}

/* Navbar Enhancements */
.navbar {
box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
padding: 0.8rem 1.5rem;
}
.navbar-nav .nav-link {
color: #555 !important;
font-weight: 500;
padding: 0.5rem 1rem;
}
.navbar-nav .nav-link:hover {
```

```

color: #ff6f61 !important;
border-bottom: 2px solid #ff6f61;
transition: all 0.3s ease;
}

/* Hero Section */
.hero-banner {
height: 75vh;
background-image: linear-gradient(rgba(0, 0, 0, 0.4), rgba(0, 0, 0, 0.6)),
url('https://as2.ftcdn.net/jpg/02/96/11/61/1000_F_296116146_kh4
dOXcr2vzb4BZ0xm9CnjJ6MbxFv8xW.jpg');
background-size: cover;
background-position: center;
display: flex;
align-items: center;
justify-content: center;
color: #ffffff;
text-align: center;
}
.hero-banner h1 {
font-size: 3rem;
font-weight: 700;
text-shadow: 2px 2px 5px rgba(0, 0, 0, 0.8);
}
.hero-banner p {
font-size: 1.2rem;
margin: 15px 0;
text-shadow: 1px 1px 3px rgba(0, 0, 0, 0.6);
}
.hero-banner .btn {
padding: 10px 20px;
font-size: 1rem;
background-color: #ff6f61;
border: none;
border-radius: 5px;
color: white;
font-weight: 500;
transition: background-color 0.3s ease;
}
.hero-banner .btn:hover {
background-color: #ff3d2e;
}

/* Section Styling */
.bg-section {

```



```

padding: 3rem 0;
background-size: cover;
background-position: center;
background-repeat: no-repeat;
color: #ffffff;
text-align: center;
border-radius: 10px;
margin: 1rem 0;
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.15);
transition: transform 0.3s ease;
}
.bg-section:hover {
transform: translateY(-5px);
cursor: pointer;
}
.section-title {
font-size: 1.8rem;
font-weight: 600;
text-shadow: 1px 1px 3px rgba(0, 0, 0, 0.5);
padding: 10px 20px;
background-color: rgba(0, 0, 0, 0.6);
display: inline-block;
border-radius: 5px;
}

/* Footer Styling */
footer {
background-color: #222;
color: #fff;
padding: 15px 0;
text-align: center;
font-size: 0.9rem;
letter-spacing: 1px;
border-top: 3px solid #444;
}
footer p {
margin: 0;
}

/* Full Clickable Sections */
a.section-link {
display: block;
text-decoration: none;
color: inherit;
}
</style>

```

```

</head>
<body>
<header class="hero-banner">
<div>
<h1>Fashion Forward</h1>
<p>Where Style Meets Comfort</p>
<a href="collections.html" class="btn">Shop Now</a>
</div>
</header>
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
<div class="container">
<a class="navbar-brand" href="#">Fashion Forward</a>
<button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-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 ms-auto">
<li class="nav-item">
<a class="nav-link" href="collections.html">Collections</a>
</li>
<li class="nav-item">
<a class="nav-link" href="offerzone.html">Offer Zone</a>
</li>
<li class="nav-item">
<a class="nav-link" href="loginpage.html">Register</a>
</li>
<li class="nav-item">
<a class="nav-link" href="cartpage.html">Cart</a>
</li>
</ul>
</div>
</div>
</nav>
<main>
<a href="shirts.html" class="section-link">
<section id="Shirts" class="bg-section" style="background-
image:
url('https://www.tistabene.com/cdn/shop/articles/8_nov_banner.jp
g?v=1702116937');">
<div class="container">
<h2 class="section-title">Shirts</h2>
</div>
</section>

```

```

</a>
<a href="T-Shirts.html" class="section-link">
<section id="T-Shirts" class="bg-section" style="background-
image:
url('https://www.padini.com/media/wysiwyg/Filter_Banner_Categ
ory_Men-01_1.jpg');">
<div class="container">
<h2 class="section-title">T-Shirts</h2>
</div>
</section>
</a>
<a href="Hoodies.html" class="section-link">
<section id="Hoodies" class="bg-section" style="background-
image:
url('https://www.tistabene.com/cdn/shop/articles/Hoodies.jpg?v=1
697883849');">
<div class="container">
<h2 class="section-title">Hoodies</h2>
</div>
</section>
</a>
<a href="Formals.html" class="section-link">
<section id="Formals" class="bg-section" style="background-
image:
url('https://frenchcrown.in/cdn/shop/files/website_banner_edited_
latest.png?v=1736495765&width=1800');">
<div class="container">
<h2 class="section-title">Formals</h2>
</div>
</section>
</a>
<section class="bg-section all-products-bg">
<div class="container text-center">
<a class="btn-border" href="viewallproducts.html">View ALL
Products</a>
</div>
</section>
</main>
<footer>
<p>© 2025. Fashion Forward, Always!!</p>
</footer>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstra
p.bundle.min.js"></script>
</body>
</html>

```

Login page

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>Login - Fashion Forward</title>
<style>
body {
font-family: Arial, sans-serif;
margin: 0;
padding: 0;
background: linear-gradient(to right, #333, #666);
color: white;
}
.header {
background-color: #222;
color: white;
text-align: center;
padding: 20px 0;
}
.container {
width: 100%;
max-width: 400px;
margin: auto;
background-color: rgba(255, 255, 255, 0.1);
border-radius: 10px;
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
padding: 30px;
margin-top: 100px;
}
h1 {
margin-bottom: 20px;
}
form {
display: flex;
flex-direction: column;
}
label {
margin-bottom: 5px;
font-weight: bold;
}
input[type="text"], input[type="password"] {
margin-bottom: 20px;
padding: 10px;
```

```

border: none;
border-radius: 5px;
background-color: #444;
color: white;
}
input[type="text"]:focus, input[type="password"]:focus {
outline: none;
border: 2px solid #666;
}
button {
background-color: #444;
color: white;
padding: 10px;
border: none;
border-radius: 5px;
cursor: pointer;
}
button:hover {
background-color: #555;
}
footer {
text-align: center;
padding: 20px;
background-color: #222;
color: white;
position: absolute;
width: 100%;
bottom: 0;
}
</style>
</head>
<body>
<header class="header">
<h2>Fashion Forward</h2>
</header>
<div class="container">
<h1>Login</h1>
<form onsubmit="return validateLogin()">
<label for="username">Username:</label>
<input type="text" id="username" name="username" required>
<label for="password">Password:</label>
<input type="password" id="password" name="password"
required>
<button type="submit">Login</button>
</form>
</div>

```

```
<footer>
<p>© 2023 Fashion Forward. All rights reserved.</p>
</footer>
```

```
<script>
const users = [
  { username: "admin", password: "1234" },
  { username: "user1", password: "password1" },
  { username: "user2", password: "password2" }
];
function validateLogin() {
  const username = document.getElementById("username").value;
  const password = document.getElementById("password").value;
  const user = users.find(user => user.username === username &&
  user.password === password);
  if (user) {
    alert("Successfully logged in!");
  } else {
    alert("Incorrect username or password.");
  }
  return false;
}
</script>
</body>
</html>
```

### **Cart page**

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>Shopping Cart</title>
<style>
body {
font-family: Arial, sans-serif;
}
.cart {
max-width: 800px;
margin: 0 auto;
}
.cart-header {
display: flex;
justify-content: space-between;
border-bottom: 1px solid #ccc;
```

```

padding: 10px 0;
}
.cart-item {
display: flex;
justify-content: space-between;
padding: 10px 0;
border-bottom: 1px solid #ccc;
}
.cart-item:last-child {
border-bottom: none;
}
.cart-total {
text-align: right;
padding: 10px 0;
}
</style>
</head>
<body>
<div class="cart">
<div class="cart-header">
<div>Item</div>
<div>Price</div>
<div>Quantity</div>
<div>Total</div>
</div>
<div class="cart-item">
<div>Product 1</div>
<div>$10.00</div>
<div>2</div>
<div>$20.00</div>
</div>
<div class="cart-item">
<div>Product 2</div>
<div>$15.00</div>
<div>1</div>
<div>$15.00</div>
</div>
<div class="cart-item">
<div>Product 3</div>
<div>$5.00</div>
<div>3</div>
<div>$15.00</div>
</div>
<div class="cart-total">
<strong>Total: $50.00</strong>
</div>

```



```
</div>
</body>
</html>
```

Offer zone

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>Offer Zone</title>
<link rel="stylesheet" href="styles.css">
<style>
body {
font-family: Arial, sans-serif;
background-color: #f0f0f0;
margin: 0;
padding: 0;
}

header {
background-color: #ff6f61;
color: #fff;
padding: 20px;
text-align: center;
}

.offers {
display: flex;
justify-content: space-around;
flex-wrap: wrap;
padding: 20px;
}

.offer {
background-color: #fff;
border: 1px solid #ddd;
border-radius: 5px;
margin: 10px;
width: 200px;
text-align: center;
padding: 10px;
}
```

```
.offer img {
```

```
width: 100%;  
border-bottom: 1px solid #ddd;  
}
```

```
.offer h2 {  
margin: 10px 0;  
}
```

```
.offer p {  
color: #ff6f61;  
font-weight: bold;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<h1>Offer Zone</h1>
```

```
</header>
```

```
<section class="offers">
```

```
<div class="offer">
```

```
<h2>Discounted Shirts</h2>
```

```

```

```
<p>Up to 50% off</p>
```

```
</div>
```

```
<div class="offer">
```

```
<h2>Discounted T-Shirts</h2>
```

```

```

```
<p>Buy 1 Get 1 Free</p>
```

```
</div>
```

```
<div class="offer">
```

```
<h2>Discounted Hoodies</h2>
```

```

```

```
<p>Flat 30% off</p>
```

```
</div>
```

```
<div class="offer">
```

```
<h2>Discounted Pants</h2>
```

```

<p>Clearance Sale</p>
</div>
</section>
</body>
</html>
```

## Collections

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>Men's Collections</title>
<link rel="stylesheet" href="styles.css">
<style>
body {
font-family: Arial, sans-serif;
background-color: #f0f0f0;
margin: 0;
padding: 0;
}

header {
background-color: #333;
color: #fff;
padding: 20px;
text-align: center;
}

.collections {
display: flex;
justify-content: space-around;
flex-wrap: wrap;
padding: 20px;
}

.collection {
background-color: #fff;
border: 1px solid #ddd;
border-radius: 5px;
margin: 10px;
width: 200px;
text-align: center;
}
```

```
.collection img {  
width: 100%;  
border-bottom: 1px solid #ddd;  
}
```

```
.collection h2 {  
margin: 10px 0;  
}
```

```
</style>  
</head>  
<body>  
<header>  
<h1>Men's Collections</h1>  
</header>  
<section class="collections">  
<div class="collection">  
<h2>Shirts</h2>  
  
</div>  
<div class="collection">  
<h2>T-Shirts</h2>  
  
</div>  
<div class="collection">  
<h2>Hoodies</h2>  
  
</div>  
<div class="collection">  
<h2>semi-formal-pants</h2>  
  
</div>  
<div class="collection">  
<h2>jogger</h2>  

```

```

</div>
<div class="collection">
<h2>slim fit</h2>

</div>
<div class="collection">
<h2>cargo</h2>

</div>
<div class="collection">
<h2>trouser</h2>

</div>
<div class="collection">
<h2>chinos</h2>

</div>
<div class="collection">
<h2>jeans</h2>

</div>
</section>
</body>
</html>

```

## Shirts

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>eCommerce Product Page</title>
<link rel="stylesheet" href="style.css">
<style>
.product-container {
display: flex;

```

```

flex-wrap: wrap;
justify-content: space-around;
}
.product {
flex: 1 1 200px;
margin: 10px;
box-sizing: border-box;
}
img {
width: 100%;
height: auto;
}
header {
background-color: #f2f2f2;
padding: 20px;
}
footer {
background-color: #f2f2f2;
text-align: center;
padding: 20px;
}
body {
margin: 0;
font-family: Arial, sans-serif;
}
</style>
</head>
<body>
<header>
<div class="header-content">
<h1>FASHION FORWARD</h1>
<nav>
<ul>
<li><a href="Home.html">Home</a></li>
<li><a href="#new-arrivals">New Arrivals</a></li>
<li><a href="#best-sellers">Best Sellers</a></li>
<li><a href="#sale">Sale</a></li>
</ul>
<div class="cart-icon"></div>
</nav>
</div>
</header>

<main class="product-container">
<!-- Products -->
<section class="product" id="product1">

```

```


<h2>Product 1</h2>
<p class="price">$19.99</p>
<button class="add-to-cart" onclick="addToCart('Product 1',
19.99,
'https://assets.ajio.com/medias/sys_master/root/20240716/q251/66
96aca91d763220fac86475/-1117Wx1400H-466747617-pink-
MODEL6.jpg')">Add to Cart</button>
</section>
<section class="product" id="product2">

<h2>Product 2</h2>
<p class="price">$21.99</p>
<button class="add-to-cart" onclick="addToCart('Product 2',
21.99,
'https://assets.ajio.com/medias/sys_master/root/20240507/mdc0/6
63a557116fd2c6e6af0ef6f/-473Wx593H-467293008-brown-
MODEL.jpg')">Add to Cart</button>
</section>
<section class="product" id="product3">

<h2>Product 3</h2>
<p class="price">$24.99</p>
<button class="add-to-cart" onclick="addToCart('Product 3',
24.99,
'https://assets.myntassets.com/w_412,q_60,dpr_2,fl_progressive/a
ssets/images/12947242/2022/7/20/81b5ec74-ddad-40cb-b001-
84092b3c59e81658313317671-Roadster-Men-Green--Blue-
Regular-Fit-Checked-Casual-Sustaina-1.jpg')">Add to
Cart</button>
</section>
<section class="product" id="product4">

<h2>Product 4</h2>

```



```

<p class="price">$9.99</p>
<button class="add-to-cart" onclick="addToCart('Product 4', 9.99,
'https://maniaclife.com/cdn/shop/products/MN24-CARGO-
SHIRT-FS-GREEN-
CROCHET_2.jpg?v=1739800637&width=1500')">Add to
Cart</button>
</section>
</main>

<footer>
<p>© 2023 Our Online Store. All rights reserved.</p>
</footer>

<script>
function addToCart(name, price, image) {
let cart = JSON.parse(localStorage.getItem('cart')) || [];
cart.push({ name, price, image });
localStorage.setItem('cart', JSON.stringify(cart));
alert(`${name} added to cart!`);
}
</script>
</body>
</html>

```

### **T-shirts**

```

<html>
<head>
<title>eCommerce Product Page</title>
<link rel="stylesheet" href="style.css">
<style>
.product-container {
display: flex;
flex-wrap: wrap;
justify-content: space-around;
}
.product {
flex: 1 1 200px;
margin: 10px;
box-sizing: border-box;
}
img {
width: 100%;
height: auto;
}

```

```

header {
background-color: #f2f2f2; /* Change this to your desired
background color */
padding: 20px;
}
footer {
background-color: #f2f2f2; /* Change this to your desired
background color */
text-align: center;
padding: 20px;
}
body {
margin: 0;
font-family: Arial, sans-serif;
}
</style>
</head>
<body>
<header>
<div class="header-content">
<h1>FASHION FORWARD</h1>
<nav>
<ul>
<li><a href="Home.html">Home</a></li>
<li><a href="#new-arrivals">New Arrivals</a></li>
<li><a href="#best-sellers">Best Sellers</a></li>
<li><a href="#sale">Sale</a></li>
</ul>
<div class="cart-icon"></div>
</nav>
</div>
</header>

<main class="product-container">
<!-- Products -->
<section class="product" id="product1">

<h2>Product 1</h2>
<p class="price">$19.99</p>
<button class="add-to-cart" onclick="addToCart('Product 1',
19.99,
'https://i.pinimg.com/736x/dd/7c/1f/dd7c1f49bcaeddc602e6bda80
1235bf1.jpg')">Add to Cart</button>
</section>

```

```

<section class="product" id="product2">

<h2>Product 2</h2>
<p class="price">$21.99</p>
<button class="add-to-cart" onclick="addToCart('Product 2',
21.99,
'https://images.meesho.com/images/products/391471926/dblcr_512.jpg')">Add to Cart</button>
</section>
<section class="product" id="product3">

<h2>Product 3</h2>
<p class="price">$24.99</p>
<button class="add-to-cart" onclick="addToCart('Product 3',
24.99, 'https://triprindia.com/cdn/shop/files/TBRHNFUL-D1443_800x.jpg?v=1738823402')">Add to Cart</button>
</section>
<section class="product" id="product4">

<h2>Product 4</h2>
<p class="price">$9.99</p>
<button class="add-to-cart" onclick="addToCart('Product 4', 9.99,
'https://www.redwolf.in/image/cache/catalog/featured_categories/t-shirts-for-men-featured-480x480.jpg?m=1709881172')">Add to
Cart</button>
</section>
<!-- Additional eCommerce sections if needed -->
</main>

<br>
<br>
<br>
<br>
<br>
<br>
<footer>
<p>© 2023 Our Online Store. All rights reserved.</p>
</footer>
<script>
function addToCart(name, price, image) {

```

```
let cart = JSON.parse(localStorage.getItem('cart')) || [];  
cart.push({ name, price, image });  
localStorage.setItem('cart', JSON.stringify(cart));  
alert(`${name} added to cart!`);  
}  
</script>
```

```
</body></html>
```

Hoodies

```
<html>  
<head>  
<title>eCommerce Product Page</title>  
<link rel="stylesheet" href="style.css">  
<style>  
.product-container {  
display: flex;  
flex-wrap: wrap;  
justify-content: space-around;  
}  
.product {  
flex: 1 1 200px;  
margin: 10px;  
box-sizing: border-box;  
}  
img {  
width: 100%;  
height: auto;  
}  
header {  
background-color: #f2f2f2; /* Change this to your desired  
background color */  
padding: 20px;  
}  
footer {  
background-color: #f2f2f2; /* Change this to your desired  
background color */  
text-align: center;  
padding: 20px;  
}  
body {  
margin: 0;  
font-family: Arial, sans-serif;  
}  
</style>  
</head>
```

```

<body>
<header>
<div class="header-content">
<h1>FASHION FORWARD</h1>
<nav>
<ul>
<li><a href="Home.html">Home</a></li>
<li><a href="#new-arrivals">New Arrivals</a></li>
<li><a href="#best-sellers">Best Sellers</a></li>
<li><a href="#sale">Sale</a></li>
</ul>
<div class="cart-icon"></div>
</nav>
</div>
</header>

<main class="product-container">
<!-- Products -->
<section class="product" id="product1">

<h2>Product 1</h2>
<p class="price">$19.99</p>
<button class="add-to-cart" onclick="addToCart('Product 1',
19.99,
'https://assets.myntassets.com/h_1440,q_100,w_1080/v1/assets/i
mages/21203458/2023/1/2/06271946-be59-476d-bb62-0b4d81c961611672651142670-Roadster-Men-Sweatshirts-91672651142282-1.jpg')">Add to Cart</button>
</section>
<section class="product" id="product2">

<h2>Product 2</h2>
<p class="price">$21.99</p>
<button class="add-to-cart" onclick="addToCart('Product 2',
21.99,
'https://i.pinimg.com/736x/6d/47/0a/6d470a0c998ae3b81c8f609f0220831d.jpg')">Add to Cart</button>
</section>
<section class="product" id="product3">

<h2>Product 3</h2>
<p class="price">$24.99</p>
<button class="add-to-cart" onclick="addToCart('Product 3', 24.99, 'https://assets.myntassets.com/w_412,q_60,dpr_2,fl_progressive/assets/images/22823960/2024/4/29/fcd34d1a-f5a6-40cd-be88-524998c00e411714371800948-Roadster-Men-Jackets-2011714371800366-1.jpg')">Add to Cart</button>
</section>
<section class="product" id="product4">

<h2>Product 4</h2>
<p class="price">$9.99</p>
<button class="add-to-cart" onclick="addToCart('Product 4', 9.99, 'https://www.beyoung.in/api/cache/catalog/products/new_shirt_upload_21_10_2022/rust_orange_mission_doodle_printed_hoodie_base_17_12_2024_400x533.jpg')">Add to Cart</button>
</section>
<!-- Additional eCommerce sections if needed -->
</main>

<br>
<br>
<br>
<br>
<br>
<br>
<footer>
<p>© 2023 Our Online Store. All rights reserved.</p>
</footer>
<script>
function addToCart(name, price, image) {
let cart = JSON.parse(localStorage.getItem('cart')) || [];
cart.push({ name, price, image });
localStorage.setItem('cart', JSON.stringify(cart));
alert(`${name} added to cart!`);
}
</script>

```

```

</body></html>
Formals
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>eCommerce Product Page</title>
<link rel="stylesheet" href="style.css">
<style>
.product-container { display: flex; flex-wrap: wrap; justify-
content: space-around; }
.product { flex: 1 1 200px; margin: 10px; box-sizing: border-box;
}
img { width: 100%; height: auto; }
header { background-color: #f2f2f2; padding: 20px; }
footer { background-color: #f2f2f2; text-align: center; padding:
20px; }
body { margin: 0; font-family: Arial, sans-serif; }
</style>
</head>
<body>
<header>
<div class="header-content">
<h1>FASHION FORWARD</h1>
<nav>
<ul>
<li><a href="Home.html">Home</a></li>
<li><a href="#new-arrivals">New Arrivals</a></li>
<li><a href="#best-sellers">Best Sellers</a></li>
<li><a href="#sale">Sale</a></li>
</ul>
<div class="cart-icon"></div>
</nav>
</div>
</header>
<main class="product-container">
<section class="product" id="product1">

<h2>Product 1</h2>
<p class="price">$19.99</p>
<button class="add-to-cart" onclick="addToCart('Product 1',
19.99, 'M', 'Black',

```

```

'https://images.meesho.com/images/products/392295301/ct8wk_5
12.webp')">Add to Cart</button>
</section>
<section class="product" id="product2">

<h2>Product 2</h2>
<p class="price">$21.99</p>
<button class="add-to-cart" onclick="addToCart('Product 2',
21.99, 'L', 'Blue', 'https://m.media-
amazon.com/images/I/61ls3zVK7bL._AC_UY1100_.jpg')">Add
to Cart</button>
</section>
<section class="product" id="product3">

<h2>Product 3</h2>
<p class="price">$24.99</p>
<button class="add-to-cart" onclick="addToCart('Product 3',
24.99, 'XL', 'Green',
'https://www.beyoung.in/api/cache/catalog/products/shirt_squre_i
mage_update_14_3_2022/army_green_cotton_solid_shirts_for_m
en_base_02_05_2024_700x933.jpg')">Add to Cart</button>
</section>
<section class="product" id="product4">

<h2>Product 4</h2>
<p class="price">$9.99</p>
<button class="add-to-cart" onclick="addToCart('Product 4', 9.99,
'S', 'Red', 'https://thefoomer.in/cdn/shop/products/jpeg-
optimizer_PATP5125.jpg?v=1680162476')">Add to
Cart</button>
</section>
</main>

<footer>
<p>© 2023 Our Online Store. All rights reserved.</p>
</footer>
<script>
function addToCart(name, price, image) {
let cart = JSON.parse(localStorage.getItem('cart')) || [];
cart.push({ name, price, image });

```



```
localStorage.setItem('cart', JSON.stringify(cart));
alert(`${name} added to cart!`);
}
</script>
</body>
</html>
```

View all products

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>All Products</title>
<link rel="stylesheet" href="styles.css">
<style>
body {
font-family: 'Roboto', sans-serif;
background-color: #f4f4f4;
margin: 0;
padding: 0;
}

header {
background-color: #333;
padding: 20px;
}

.navbar {
display: flex;
justify-content: space-between;
align-items: center;
color: #fff;
}

.logo {
font-size: 24px;
font-weight: bold;
}

.nav-links {
list-style: none;
margin: 0;
padding: 0;
display: flex;
```

```
}
```

```
.nav-links li {  
margin-left: 20px;  
}
```

```
.nav-links a {  
color: #fff;  
text-decoration: none;  
font-size: 16px;  
transition: color 0.3s;  
}
```

```
.nav-links a:hover {  
color: #ff6f61;  
}
```

```
.products {  
display: flex;  
justify-content: space-around;  
flex-wrap: wrap;  
padding: 40px;  
background-color: #fff;  
margin-top: 20px;  
}
```

```
.product {  
background-color: #fff;  
border: 1px solid #ddd;  
border-radius: 10px;  
margin: 20px;  
width: 250px;  
text-align: center;  
box-shadow: 0 2px 4px rgba(0,0,0,0.1);  
transition: transform 0.3s;  
}
```

```
.product img {  
width: 100%;  
border-bottom: 1px solid #ddd;  
border-top-left-radius: 10px;  
border-top-right-radius: 10px;  
}
```

```
.product:hover {  
transform: scale(1.05);
```

```
}
```

```
.product h2 {  
margin: 15px 0;  
}
```

```
.product p {  
color: #333;  
font-weight: bold;  
}
```

```
footer {  
background-color: #333;  
color: #fff;  
text-align: center;  
padding: 20px;  
position: fixed;  
width: 100%;  
bottom: 0;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<nav class="navbar">
```

```
<div class="logo">FashionBrand</div>
```

```
<ul class="nav-links">
```

```
<li><a href="#">Home</a></li>
```

```
<li><a href="#">Shop</a></li>
```

```
<li><a href="#">Collections</a></li>
```

```
<li><a href="#">Contact</a></li>
```

```
</ul>
```

```
</nav>
```

```
</header>
```

```
<main>
```

```
<section class="products">
```

```
<div class="product">
```

```

```

```
<h2>Product 1</h2>
```

```
<p>$20.00</p>
```

```
</div>
```

```
<div class="product">
```

```

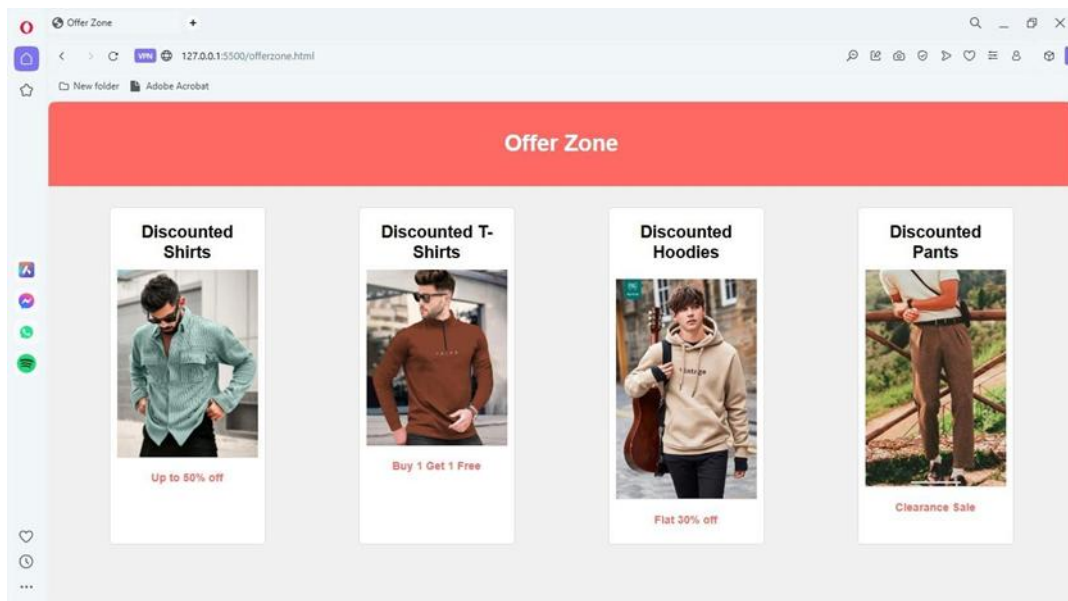
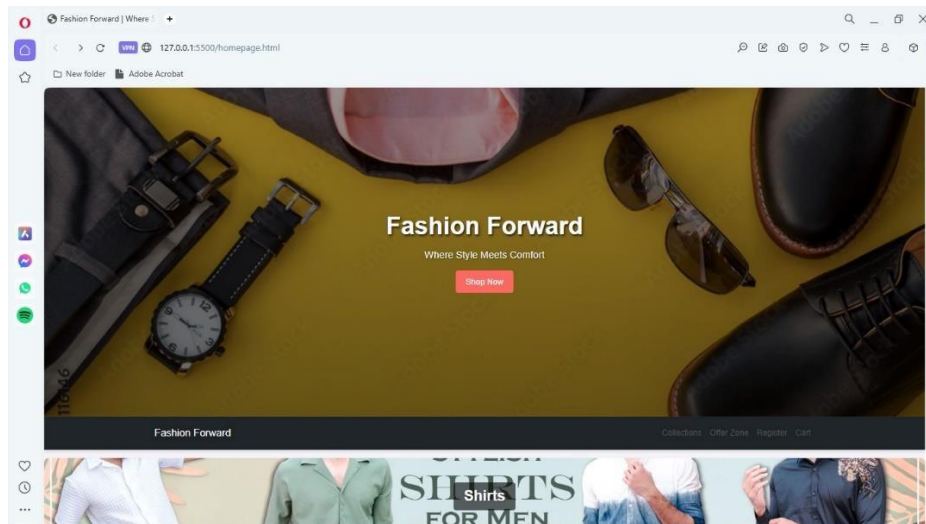
<h2>Product 2</h2>
<p>$25.00</p>
</div>
<div class="product">

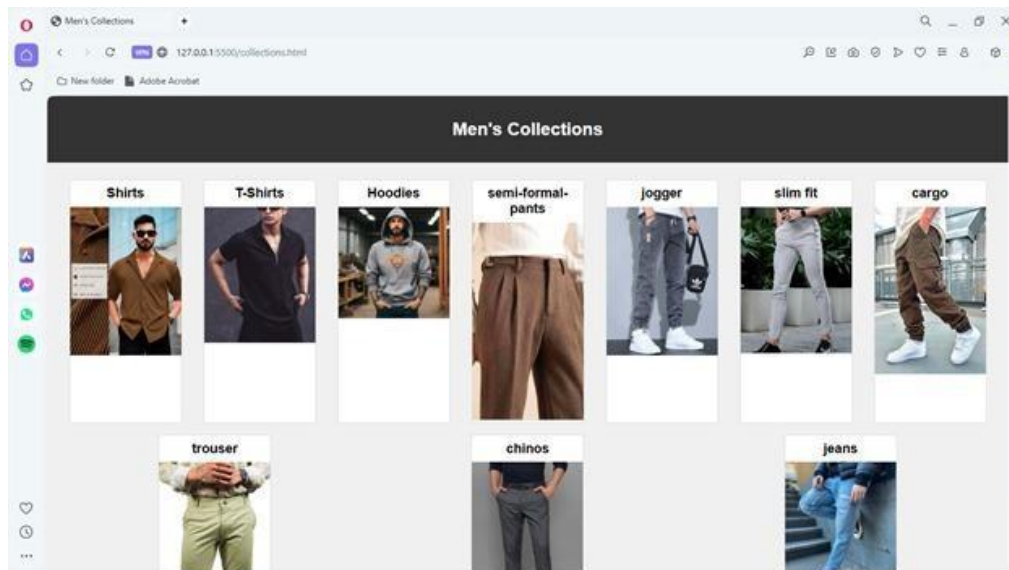
<h2>Product 3</h2>
<p>$30.00</p>
</div>
<div class="product">

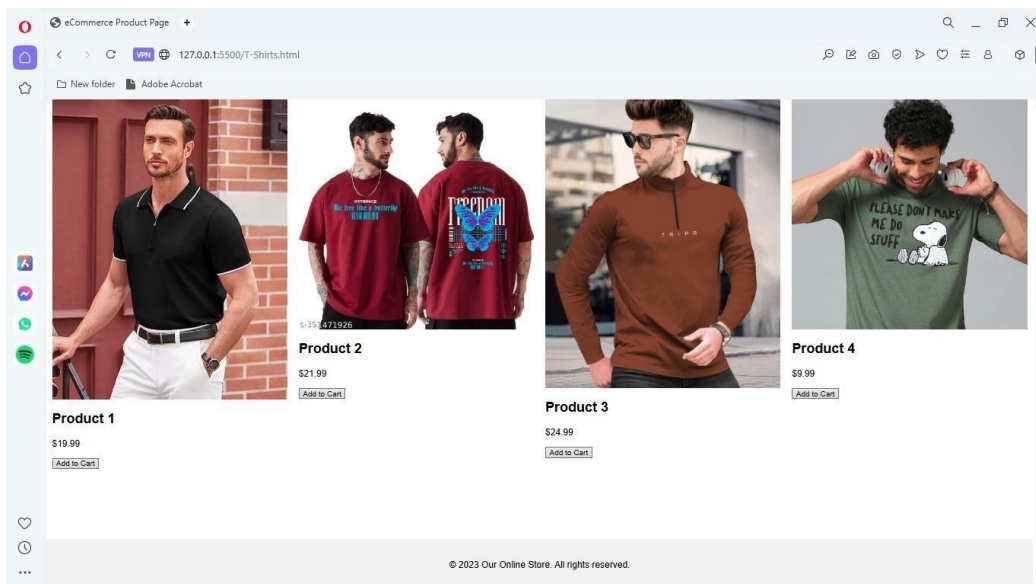
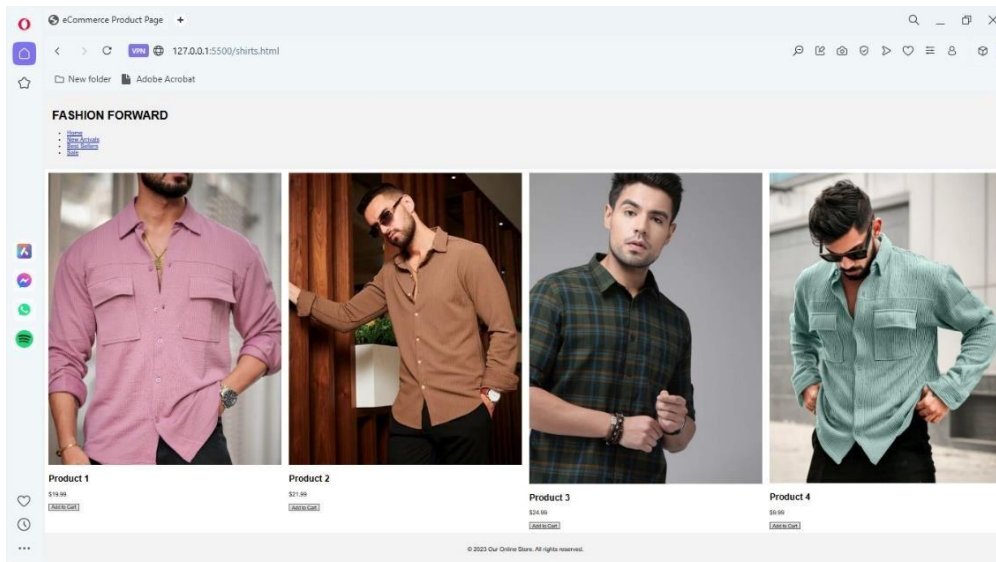
<h2>Product 4</h2>
<p>$35.00</p>
</div>
<!-- Add more products as needed -->
</section>
</main>
<footer>
<p>&copy; 2025 FashionBrand. All rights reserved.</p>
</footer>
</body>
</html>
```

## 5.RESULTS

### 5.1 Output Screens







## **6. CONCLUSION**

The evolution of retail is marked by a significant shift towards online shopping, driven by modern consumers' quest for greater convenience, efficiency, and accessibility. In this transformative era, our online men's clothing store emerges as a trailblazer, redefining the landscape of fashion commerce. By offering a seamless and customer-friendly digital platform, we empower individuals to effortlessly explore and purchase their daily essentials, all from the comfort of their homes.

At the heart of our mission lies a commitment to leveraging cutting-edge technology to enhance the user experience. From intuitive navigation to personalized recommendations, every aspect of our platform is designed to simplify the shopping journey. Our attention to detail ensures that customers receive top-notch service, reflecting our dedication to quality and satisfaction. Our store also emphasizes affordability without compromising on style or quality, making it accessible to a wide audience. With a focus on innovation, we stay ahead in the dynamic digital marketplace, adapting to trends and continuously upgrading our offerings to meet evolving demands.

Beyond convenience, we prioritize reliability, ensuring that every purchase is handled with care, from the selection process to delivery. This reliability fosters trust, creating lasting relationships with our customers and transforming the way they shop for menswear.

Through this holistic approach, our online store doesn't just sell clothing—it offers an experience. We aim to revolutionize men's fashion shopping by bridging the gap between style, affordability, and convenience. In doing so, we strive to become a trusted destination for everyday essentials and beyond, shaping the future of online menswear retail.

### **References:**



1. **Snitch**

Snitch offers trendy and unconventional styles for the modern man, focusing on fashion-forward designs inspired by global trends. Their collection includes casual and semi-formal wear tailored to meet the latest fashion needs.

[Visit Snitch](#)

2. **Jack & Jones**

Jack & Jones specializes in premium men's clothing such as jeans, trousers, jackets, shirts, and accessories. Their focus is on quality and stylish designs suitable for both casual and formal occasions.

[Visit Jack & Jones](#)

3. **Bonkers Corner**

Bonkers Corner offers trendy men's fashion with a focus on casual wear like oversized t-shirts, joggers, and hoodies. Their designs cater to young audiences

looking for unique streetwear styles.

[Visit Bonkers Corner](#)

4. **Zara**

Zara is renowned for its high-quality men's clothing with modern designs that cater to both casual and formal styles. Their collection emphasizes minimalism while maintaining elegance in every piece.

[Visit Zara](#)

5. **Urban Monkey**

Urban Monkey focuses on unisex streetwear fashion with bold designs for men and women. Their collection includes caps, t-shirts, hoodies, and accessories that reflect contemporary urban style trends.

[Visit Urban Monkey](#)

**Project Link**

<https://github.com/koushiksiddhu1916/FASHION.git>

