

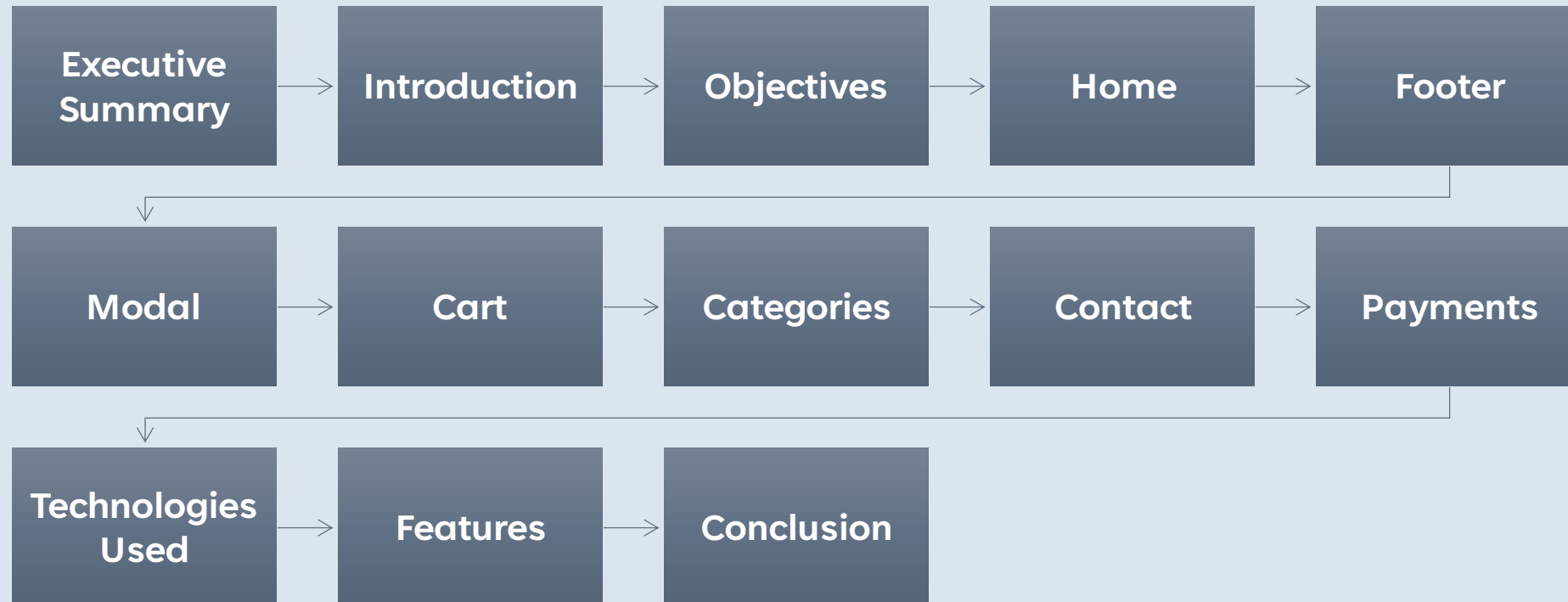
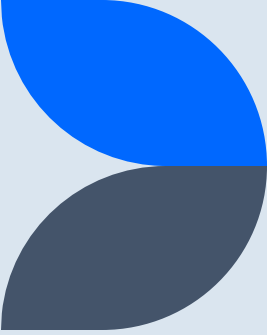


BuyBest

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IMT2022043

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Executive Summary

The BuyBest Ecommerce Website is a comprehensive online shopping platform designed to provide users with an exceptional shopping experience. This project report outlines the key features, technologies used, and implementation details of the website. From live product filtering to interactive 3D contact pages and secure payments, the BuyBest platform offers a wide array of functionalities to enhance the user journey.

Introduction

The BuyBest Ecommerce Website addresses the modern need for a user-friendly and efficient online shopping platform. With features such as live product filtering, dynamic categories, and secure payments, the website offers a seamless way for users to explore and purchase products.

Objectives

Providing	Providing users with an intuitive and responsive shopping interface.
Enabling	Enabling users to search for products using live filtering.
Offering	Offering a diverse range of product categories for easy navigation.
Presenting	Presenting detailed product information through interactive modals.
Ensuring	Ensuring smooth navigation with a user-friendly footer.
Handling	Handling errors gracefully with a dedicated error page.
Facilitating	Facilitating a complete cart functionality, from addition to checkout.
Creating	Creating an immersive 3D contact page with functional email support.
Implementing	Implementing user authentication and registration for personalized experiences.
Designing	Designing a comprehensive payments page with order summaries and secure payment processing.

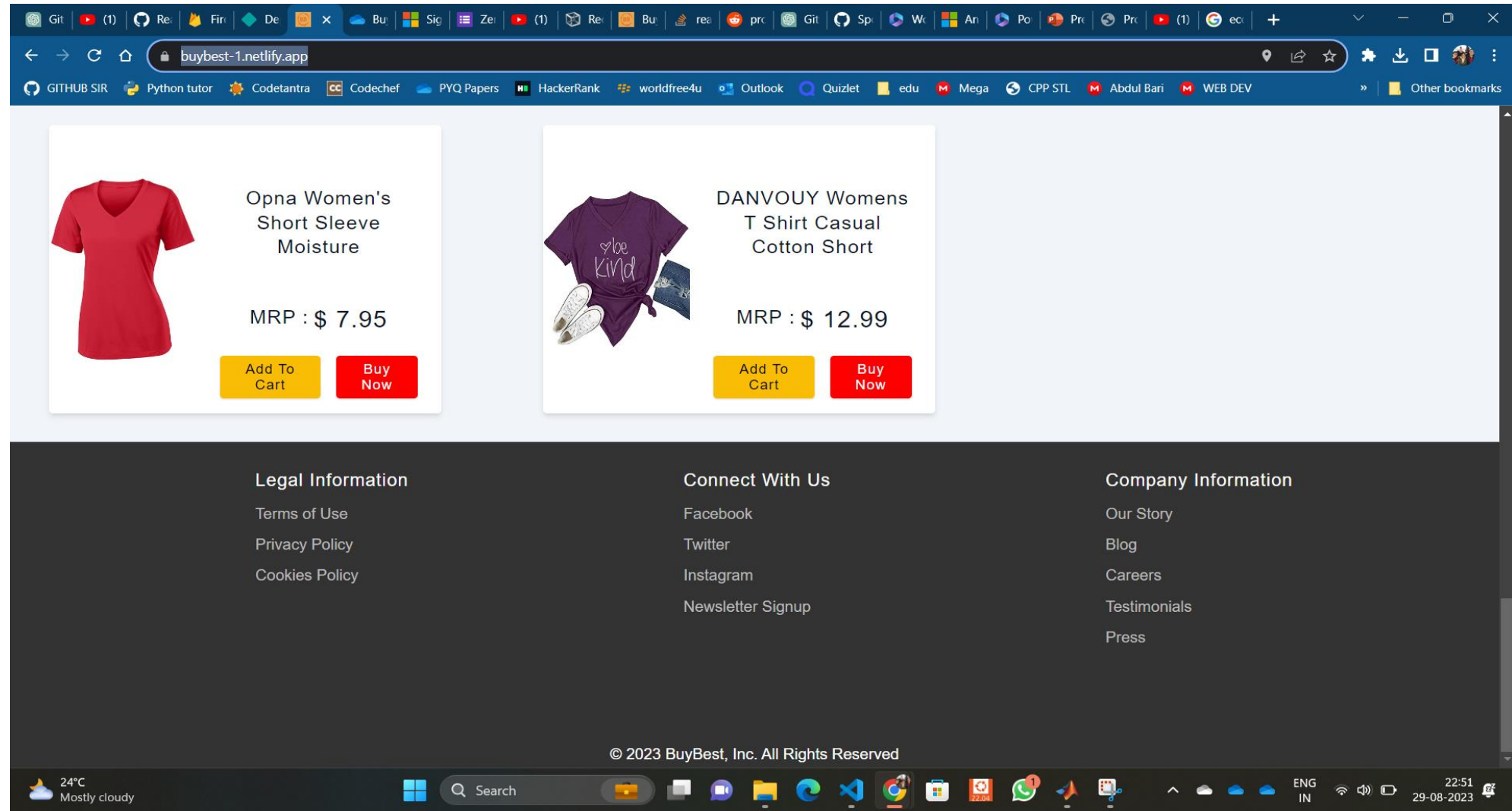
Home Page

The screenshot shows the BuyBest e-commerce website. The browser's address bar displays 'buybest-1.netlify.app'. The website's header includes the 'BuyBest' logo, navigation links for 'Home' and 'Categories', a shopping cart icon, and links for 'Contact Us' and 'Login/Register'. Below the header is a search bar with the placeholder text 'Search for products' and a magnifying glass icon. The main content area features six product cards arranged in a 2x3 grid. Each card displays a product image, its name, its MRP (Maximum Retail Price), and two buttons: 'Add To Cart' and 'Buy Now'.

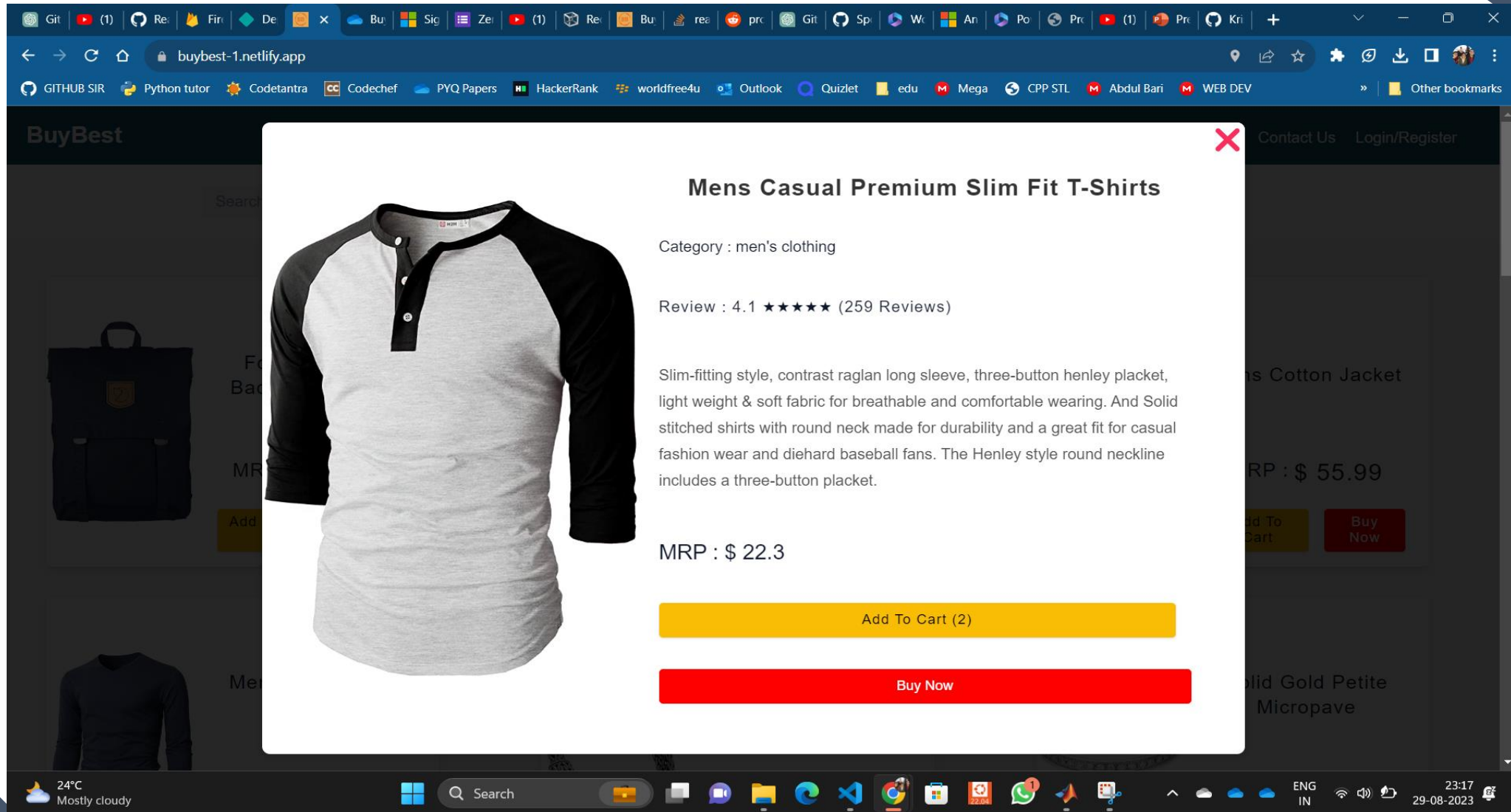
Product Image	Product Name	MRP	Add To Cart	Buy Now
	Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops	MRP : \$ 109.95	Yes	Yes
	Mens Casual Premium Slim Fit T-Shirts	MRP : \$ 22.3	Yes	Yes
	Mens Cotton Jacket	MRP : \$ 55.99	Yes	Yes
	Mens Casual Slim Fit		Yes	Yes
	John Hardy Women's Legends Naga Gold & Silver Dragon Station Chain Bracelet		Yes	Yes
	Solid Gold Petite Micropave		Yes	Yes

The bottom of the screenshot shows a Windows taskbar with the date '29-08-2023' and time '22:42'. The system tray includes weather information ('24°C Mostly cloudy'), search, and various application icons.

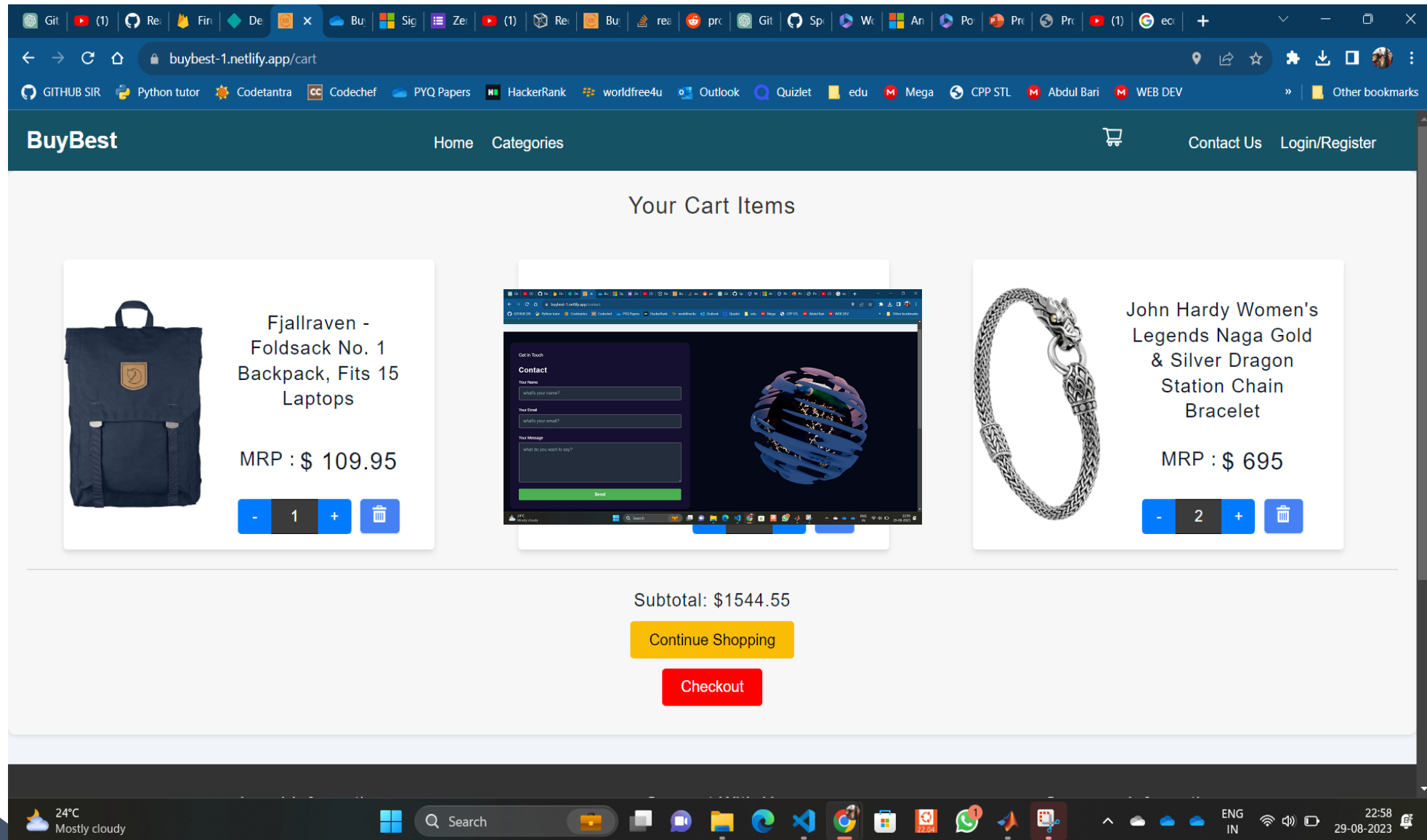
Footer Component



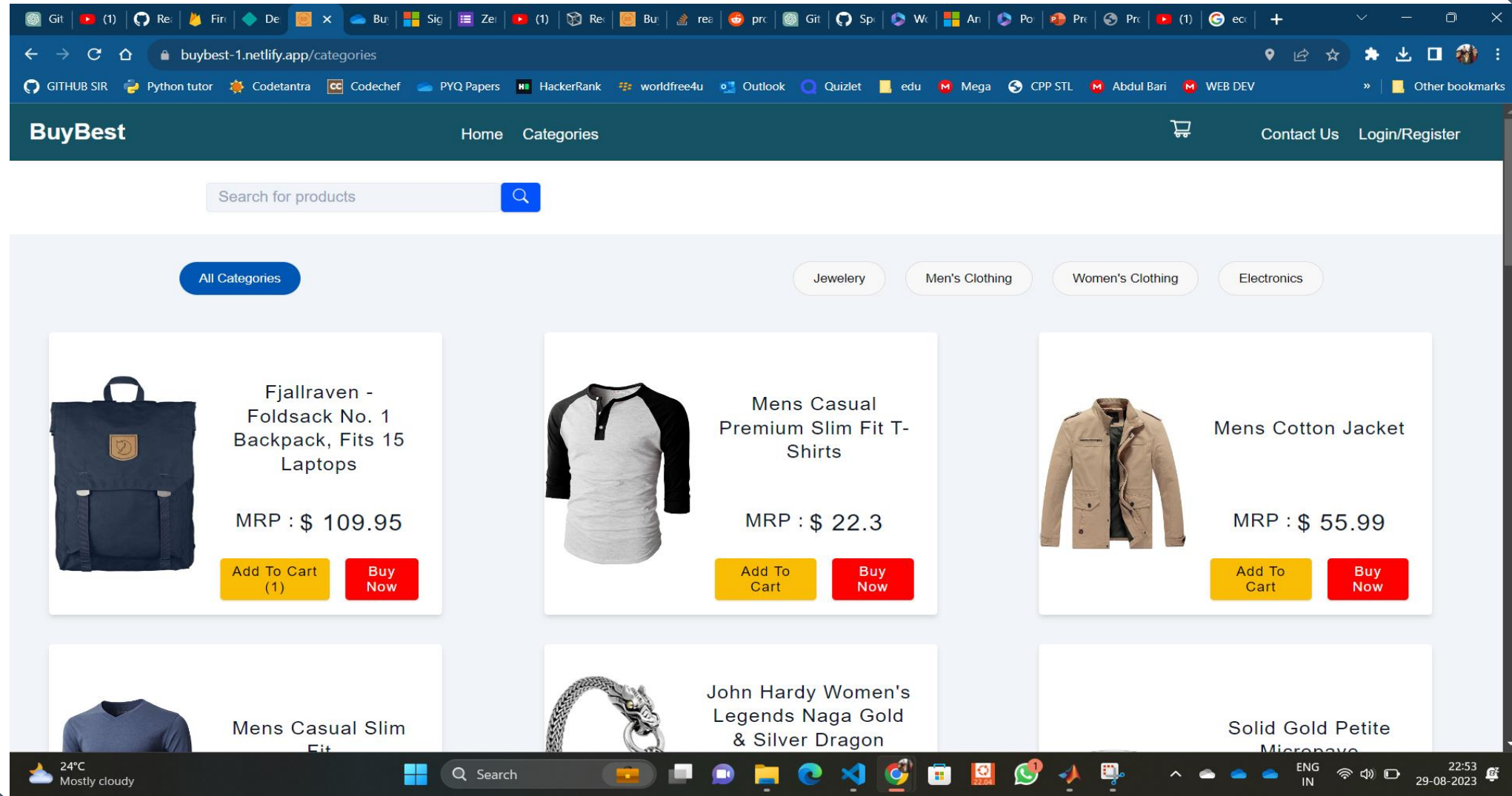
Modal



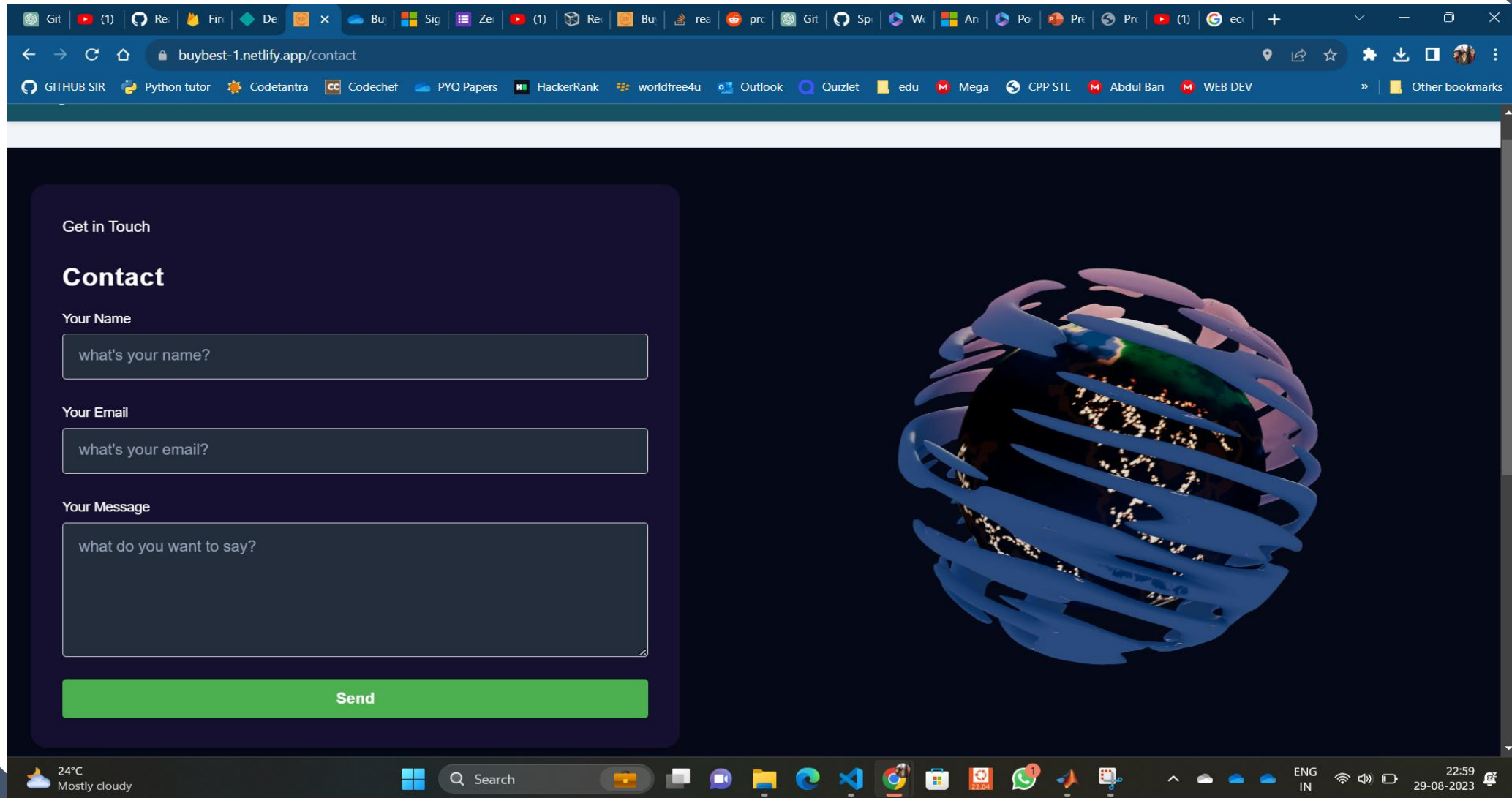
Cart Page



Categories Page



Contact Page



Payments Page

The screenshot displays a web browser window with the URL `buybest-1.netlify.app/payments`. The page features a dark teal header with the "BuyBest" logo, navigation links for "Home" and "Categories", a shopping cart icon, and links for "Contact Us" and "Login/Register".

The main content area is divided into two columns. The left column, titled "Order Summary", lists three items:

- Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops**
Quantity: 1
Total Amount: \$109.95
- Mens Casual Premium Slim Fit T-Shirts**
Quantity: 2
Total Amount: \$44.60
- John Hardy Women's Legends Naga Gold & Silver Dragon Station Chain Bracelet**
Quantity: 2
Total Amount: \$1390.00

The right column, titled "Payment Details", contains a form with the following fields:

- Full Name:**
- Email:**
- Mobile Number:**
- ZIP code:**
- Address:**
- City:**
- State:**

A prominent blue button labeled "Pay Now" is positioned at the bottom of the Payment Details section.

The browser's taskbar at the bottom shows the system clock at 23:01 on 29-08-2023, the temperature at 24°C, and various application icons.

Technologies used



React: For building a dynamic and interactive user interface.



React Router: For managing navigation and routing between different pages.



Axios: Live Fetching of Data from API.



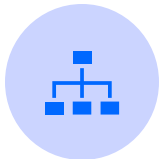
Framer Motion: For adding engaging animations to components.



EmailJS: For integrating the email system in the 3D contact page.

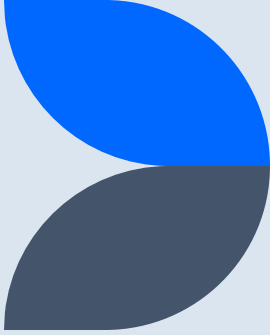


Three.js: For creating the captivating 3D models on the contact page.



Context API: For state management and sharing data between components.

Features



- **Live Product Filtering:** Users can search for products with real-time filtering as they type.
- **Product Categories:** A wide range of product categories for easy browsing.
- **Detailed Product Modals:** Interactive modals provide in-depth product information.
- **Footer Page:** A footer with essential links and information for users.
- **Error Page:** A user-friendly error page with helpful information.
- **Cart Functionality:** Users can add, update, and remove items from their cart.
- **3D Contact Page:** An immersive contact page featuring captivating 3D models.
- **Email Support:** Functional email system integrated into the contact page.
- **Payments Page:** Complete payments page with order summaries and secure payment processing.

Why choose us?

BuyBest is more than just an ecommerce website; it's your one-stop destination for an unparalleled shopping experience. With a wide range of products, advanced features, and a user-friendly interface, BuyBest stands out as the ultimate choice for all your shopping needs. Here's why you should choose BuyBest:

Diverse Product Range: At BuyBest, we pride ourselves on offering a vast selection of products, catering to various interests and preferences. Whether you're looking for fashion apparel, electronics, jewelry, or more, we have you covered.

Live Filtering and Search: Our live filtering and search functionality ensures that you find exactly what you're looking for quickly and efficiently. Seamlessly filter products by categories, keywords, and specifications, making your shopping experience hassle-free.

Detailed Product Information: Each product on BuyBest comes with a comprehensive modal, providing you with detailed information about the product's features, price, ratings, and more. This ensures informed purchasing decisions.

Seamless Cart Functionality: Managing your shopping cart has never been easier. With our intuitive cart functionality, you can add products, review your selections, and proceed to checkout effortlessly.

Categories for Easy Navigation: BuyBest categorizes products meticulously, making it convenient for you to explore items within your preferred category. Whether it's clothing, electronics, or accessories, our categorization enhances your browsing experience.

Stunning 3D Contact Page: Our unique 3D contact page sets us apart. Immerse yourself in a virtual world as you interact with a 3D model, providing a visually captivating way to get in touch with us.

Efficient Email System: Our contact page isn't just eye candy – it's functional too. Experience the convenience of a working email system, allowing you to communicate with us seamlessly.

User-Friendly Login and Register Pages: Registering and logging in to BuyBest is a breeze. Enjoy a secure and user-friendly authentication process, ensuring your personal information is safe.

Convenient Payments Page: Our payments page takes the guesswork out of the checkout process. With an order summary and payment section, you can review and complete your purchase with confidence.

Error Page for Smooth Navigation: Even if you encounter a page not found (404) error, our error page will guide you back on track. No more frustration – just smooth navigation.

Professional Footer Component: Our footer section provides essential links, legal information, and social media connections. It's a comprehensive resource that enhances your interaction with BuyBest.

In conclusion, BuyBest isn't just an ecommerce website; it's an immersive shopping destination that combines convenience, functionality, and style. With advanced features such as live filtering, detailed modals, a captivating 3D contact page, and user-friendly authentication, BuyBest offers a seamless shopping experience like no other. Make the smart choice and choose BuyBest for all your shopping needs.

Conclusion

In a rapidly evolving ecommerce landscape, BuyBest stands as a testament to seamless user experiences, innovation, and style. Through its advanced features, intuitive design, and comprehensive functionality, BuyBest redefines online shopping. With an array of products, real-time filtering, captivating modals, and efficient cart management, BuyBest offers an elevated shopping journey. The integration of interactive 3D elements, secure authentication, and a polished payments process further solidifies its position as a premier ecommerce platform. BuyBest is more than a website; it's a gateway to effortless and enjoyable online shopping.



Thank you

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<https://buybest-1.netlify.app/>