**Tip: Try to create reusable components**

User: niwatesaurabh pass: ecommerce

mongodb+srv://niwatesaurabh:<db\_password>@ecommerce.ueo8d.mongodb.net/

mongodb+srv://niwatesaurabh:ecommerce@ecommerce.ueo8d.mongodb.net/

**Planning:**

-Before login show the body page, product details page even cart page also but when user click on checkout if not user login then show popup of login or register.

-if user not logged in then add product in session storage and when user logged in add the all products in cart [ first add in database create endpoint and then fetch the data]. Add product in cart enable option of add multiple product in cart at once.

Frontend:

-Login [via email or phone which register]

-Sign up [register fields like Name, phone, email, password and verify send otp to user on email]

-Forgot password [via email]

-**for not logged in user check on which route user going and stored in session storage and when user login in redirect him to that route where he is last time**

-Cart Logic

-Give option of add address to user before checkout [give option of edit, delete]

-In profile section give option to user update their details like email id or mobile no.

But when update email id o mobile no again verify by otp.

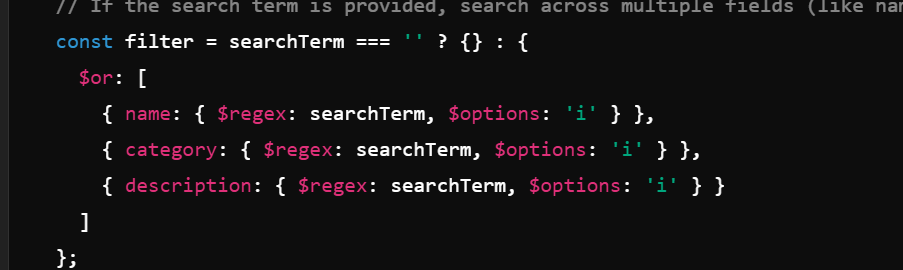
-Give the option of choosing payment like Cart, UPI id, COD. [Implement Payment Integration].

-Show the successful orders.

-implement pagination for products and data [frontend and backend]

:->[**https://dummyjson.com/products/categories**](https://dummyjson.com/products/categories)

**->for suggestion result manage itself in frontend**

****

**Frontend Routes:**

/app.jsx file contain Navbar, footer and Outlet

/login login route

/signup sign up page

/forgotPassword forgot password page

/ Home page <App> in App Navbar is constant and then use Outlet so Childrens routes [ Body, /product/:prodId, /cart, /wishlist, /update address/:id, /userProfile,

]

/support or /contact

/payment

**In search box show some suggested text like highlinder**

**Schemas:**

**User Schema:**

FirstName

LastName

Profile Picture [ not while login but give option there in while updating address]

Email

Password

Address [Country, State, City, landmark, Pincode, Phone no]

[in feature add google authentication by google via firebase]

User: /api/v1/user [/login, /register, /logout, /forgotPassword]

 **Non-logged-in user**:

* **Add to cart**: Store the product in **session storage**.

 **If the user immediately logs in**:

* Fetch the products from **session storage**.
* Add those products to the **database** for persistence.
* After storing the products in the database, fetch the updated cart data from the **backend** (since the cart is now managed in the database).

 **Logged-in user**:

* **Add to cart**: Directly store the product in the **database**.
* Fetch the cart data from the **backend** to keep the frontend updated.
* **Adding a Product to the Cart**: **POST** /cart, **GET** /cart, **PUT** /cart/:productid, **PUT** /cart/:productid

<https://youtu.be/sR5Z8AJ-zRU?si=ZB_Wt4xW3sPvW8Rr> -> react caraousel videos

Edge case: merge the session storage product with actual **challenging**

const router = createBrowserRouter([

{

path: "/",

element: <App />,

children: [

{

index: true, // Default route for "/"

element: <Body />,

},

{

path: "home",

element: <Body />,

},

{

path: "cart",

element: <Cart />,

},

],

},

{

path: "/login",

element: <Login />,

},

{

path: "/register",

element: <Register />,

},

{

path: "/forgotpassword",

element: <ForgotPassword />,

},

]);

Man Short Sleeve Shirt -

The Man Short Sleeve Shirt is a breezy and stylish option for warm days. With a comfortable fit and short sleeves, it's perfect for a laid-back yet polished look.

Gray Dress -

The Gray Dress is a versatile and chic option for various occasions. With a neutral gray color, it can be dressed up or down, making it a wardrobe staple for any fashion-forward individual.

Gucci Bloom Eau de -

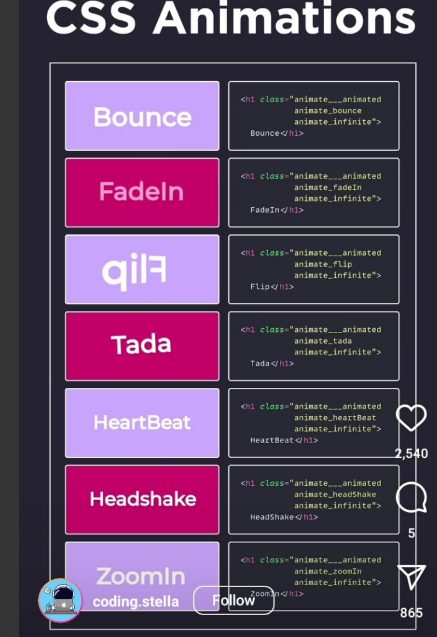
Gucci Bloom by Gucci is a floral and captivating fragrance, with notes of tuberose, jasmine, and Rangoon creeper. It's a modern and romantic scent.

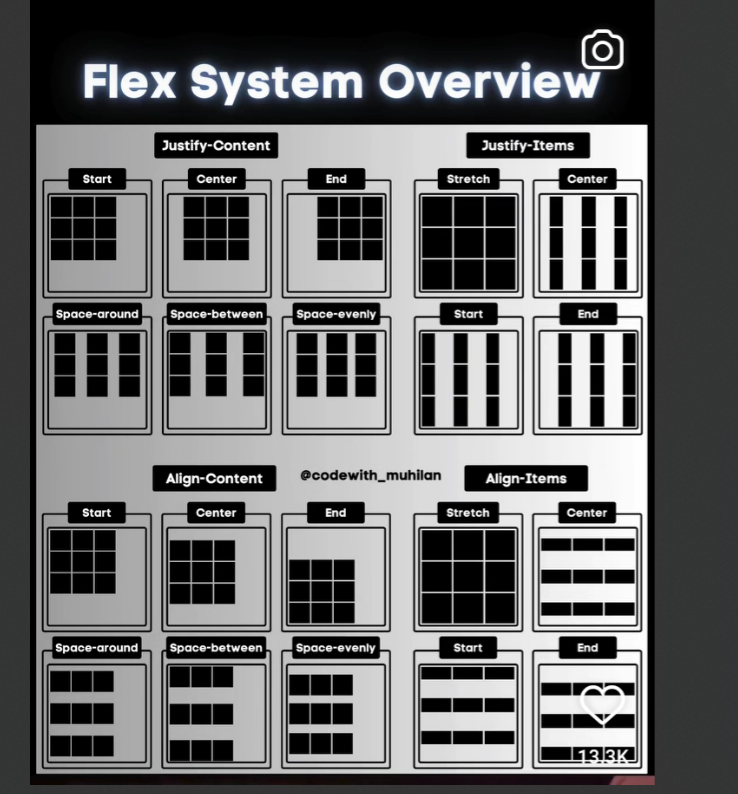
White Faux Leather Backpack -

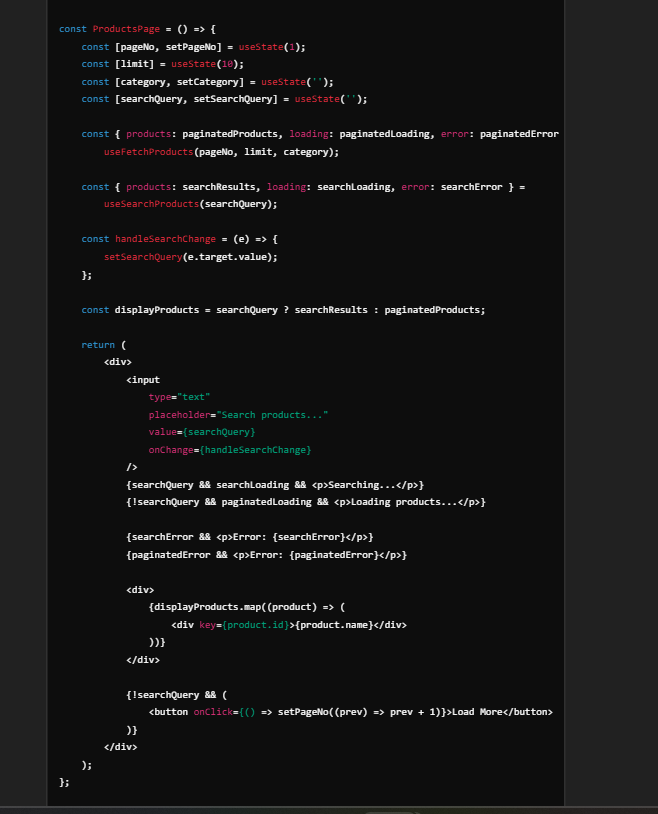
The White Faux Leather Backpack is a trendy and practical backpack for the modern woman. With a sleek white design and ample storage space, it's perfect for both casual and on-the-go styles.

IWC Ingenieur Automatic Steel -

The IWC Ingenieur Automatic Steel watch is a durable and sophisticated timepiece. With a stainless steel case and automatic movement, it combines precision and style for watch enthusiasts.









**I have to create seprate object for each category like**

**For shirt**

**[men shirt, ment-shirt, full slvee shirt ]**

**But in backend only send shirt as query**

const dummySearchSuggestions = [

{ id: 1, name: 'Laptop' },

{ id: 2, name: 'Smartphone' },

{ id: 3, name: 'Headphones' },

{ id: 4, name: 'Camera' },

{ id: 5, name: 'Tablet' },

{ id: 6, name: 'MacBook Pro' },

{ id: 7, name: 'Dell Gaming Laptop' },

{ id: 8, name: 'iPhone 14' },

{ id: 9, name: 'Samsung Galaxy S23' },

{ id: 10, name: 'Noise Cancelling Headphones' },

{ id: 11, name: 'Sony Camera' },

{ id: 12, name: 'GoPro Camera' },

{ id: 13, name: 'Samsung Galaxy Tab' },

{ id: 14, name: 'Amazon Fire Tablet' },

{ id: 15, name: 'Running Shoes' },

{ id: 16, name: 'Nike Sneakers' },

{ id: 17, name: 'Adidas Leather Shoes' },

{ id: 18, name: 'Reebok Sports Shoes' },

{ id: 19, name: 'Men’s Casual Shirts' },

{ id: 20, name: 'Women’s Tops' },

{ id: 21, name: 'Full Sleeve Shirt' },

{ id: 22, name: 'Half Sleeve Shirt' },

{ id: 23, name: 'Men’s T-Shirts' },

{ id: 24, name: 'Women’s Dresses' },

{ id: 25, name: 'Formal Shirts' },

{ id: 26, name: 'Mobile Accessories' },

{ id: 27, name: 'Phone Case' },

{ id: 28, name: 'Wireless Charger' },

{ id: 29, name: 'Phone Screen Protector' },

{ id: 30, name: 'Smart Watches' },

{ id: 31, name: 'Men’s Watches' },

{ id: 32, name: 'Women’s Watches' },

{ id: 33, name: 'Leather Bags' },

{ id: 34, name: 'Backpacks' },

{ id: 35, name: 'Crossbody Bags' },

{ id: 36, name: 'Fragrances for Men' },

{ id: 37, name: 'Fragrances for Women' },

{ id: 38, name: 'Perfumes' },

{ id: 39, name: 'Luxury Fragrances' },

{ id: 40, name: 'Home Decoration Items' },

{ id: 41, name: 'Wall Art' },

{ id: 42, name: 'Cushions' },

{ id: 43, name: 'Table Lamps' },

{ id: 44, name: 'Kitchen Accessories' },

{ id: 45, name: 'Blenders' },

{ id: 46, name: 'Cookware' },

{ id: 47, name: 'Coffee Makers' },

{ id: 48, name: 'Smartphones Accessories' },

{ id: 49, name: 'Mobile Power Bank' },

{ id: 50, name: 'Screen Cleaner' },

];

{

"\_id": null,

"titles": [

"Modern Brown Dress for Girls",

"Men's Leather - Black jacket",

"Polka Dot Dress for Girls",

"Stylish White Top for Girls",

"Men's White T-Shirt with Black Jacket",

"Essence Mascara Lash Princess",

"Eyeshadow Palette with Mirror",

"Powder Canister",

"Red Lipstick",

"Red Nail Polish",

"Calvin Klein CK One",

"Chanel Coco Noir Eau De",

"Dior J'adore",

"Dolce Shine Eau de",

"Gucci Bloom Eau de",

"Annibale Colombo Bed",

"Annibale Colombo Sofa",

"Bedside Table African Cherry",

"Knoll Saarinen Executive Conference Chair",

"Wooden Bathroom Sink With Mirror",

"Apple",

"Beef Steak",

"Cat Food",

"Chicken Meat",

"Cooking Oil",

"Cucumber",

"Dog Food",

"Eggs",

"Fish Steak",

"Green Bell Pepper",

"Green Chili Pepper",

"Honey Jar",

"Ice Cream",

"Juice",

"Kiwi",

"Black Sun Glasses",

"Classic Sun Glasses",

"Green and Black Glasses",

"Party Glasses",

"Sunglasses",

"Blue & Black Check Shirt",

"Gigabyte Aorus Men Tshirt",

"Man Plaid Shirt",

"Man Short Sleeve Shirt",

"Men Check Shirt",

"Black Women's Gown",

"Corset Leather With Skirt",

"Corset With Black Skirt",

"Dress Pea",

"Marni Red & Black Suit",

"Nike Air Jordan 1 Red And Black",

"Nike Baseball Cleats",

"Puma Future Rider Trainers",

"Sports Sneakers Off White & Red",

"Sports Sneakers Off White Red",

"Green Crystal Earring",

"Green Oval Earring",

"Tropical Earring",

"Blue Frock",

"Girl Summer Dress",

"Gray Dress",

"Short Frock",

"Tartan Dress",

"IWC Ingenieur Automatic Steel",

"Rolex Cellini Moonphase",

"Rolex Datejust Women",

"Watch Gold for Women",

"Women's Wrist Watch",

"Brown Leather Belt Watch",

"Longines Master Collection",

"Rolex Cellini Date Black Dial",

"Rolex Cellini Moonphase",

"Rolex Datejust",

"Rolex Submariner Watch",

"Black & Brown Slipper",

"Calvin Klein Heel Shoes",

"Golden Shoes Woman",

"Pampi Shoes",

"Red Shoes",

"Blue Women's Handbag",

"Heshe Women's Leather Bag",

"Prada Women Bag",

"White Faux Leather Backpack",

"Women Handbag Black"

]

}

const items = [

{ id: 1, name: "Modern Brown Dress for Girls" },

{ id: 2, name: "Men's Leather - Black jacket" },

{ id: 3, name: "Polka Dot Dress for Girls" },

{ id: 4, name: "Stylish White Top for Girls" },

{ id: 5, name: "Men's White T-Shirt with Black Jacket" },

{ id: 6, name: "Essence Mascara Lash Princess" },

{ id: 7, name: "Eyeshadow Palette with Mirror" },

{ id: 8, name: "Powder Canister" },

{ id: 9, name: "Red Lipstick" },

{ id: 10, name: "Red Nail Polish" },

{ id: 11, name: "Calvin Klein CK One" },

{ id: 12, name: "Chanel Coco Noir Eau De" },

{ id: 13, name: "Dior J'adore" },

{ id: 14, name: "Dolce Shine Eau de" },

{ id: 15, name: "Gucci Bloom Eau de" },

{ id: 16, name: "Annibale Colombo Bed" },

{ id: 17, name: "Annibale Colombo Sofa" },

{ id: 18, name: "Bedside Table African Cherry" },

{ id: 19, name: "Knoll Saarinen Executive Conference Chair" },

{ id: 20, name: "Wooden Bathroom Sink With Mirror" },

{ id: 21, name: "Apple" },

{ id: 22, name: "Beef Steak" },

{ id: 23, name: "Cat Food" },

{ id: 24, name: "Chicken Meat" },

{ id: 25, name: "Cooking Oil" },

{ id: 26, name: "Cucumber" },

{ id: 27, name: "Dog Food" },

{ id: 28, name: "Eggs" },

{ id: 29, name: "Fish Steak" },

{ id: 30, name: "Green Bell Pepper" },

{ id: 31, name: "Green Chili Pepper" },

{ id: 32, name: "Honey Jar" },

{ id: 33, name: "Ice Cream" },

{ id: 34, name: "Juice" },

{ id: 35, name: "Kiwi" },

{ id: 36, name: "Black Sun Glasses" },

{ id: 37, name: "Classic Sun Glasses" },

{ id: 38, name: "Green and Black Glasses" },

{ id: 39, name: "Party Glasses" },

{ id: 40, name: "Sunglasses" },

{ id: 41, name: "Blue & Black Check Shirt" },

{ id: 42, name: "Gigabyte Aorus Men Tshirt" },

{ id: 43, name: "Man Plaid Shirt" },

{ id: 44, name: "Man Short Sleeve Shirt" },

{ id: 45, name: "Men Check Shirt" },

{ id: 46, name: "Black Women's Gown" },

{ id: 47, name: "Corset Leather With Skirt" },

{ id: 48, name: "Corset With Black Skirt" },

{ id: 49, name: "Dress Pea" },

{ id: 50, name: "Marni Red & Black Suit" },

{ id: 51, name: "Nike Air Jordan 1 Red And Black" },

{ id: 52, name: "Nike Baseball Cleats" },

{ id: 53, name: "Puma Future Rider Trainers" },

{ id: 54, name: "Sports Sneakers Off White & Red" },

{ id: 55, name: "Sports Sneakers Off White Red" },

{ id: 56, name: "Green Crystal Earring" },

{ id: 57, name: "Green Oval Earring" },

{ id: 58, name: "Tropical Earring" },

{ id: 59, name: "Blue Frock" },

{ id: 60, name: "Girl Summer Dress" },

{ id: 61, name: "Gray Dress" },

{ id: 62, name: "Short Frock" },

{ id: 63, name: "Tartan Dress" },

{ id: 64, name: "IWC Ingenieur Automatic Steel" },

{ id: 65, name: "Rolex Cellini Moonphase" },

{ id: 66, name: "Rolex Datejust Women" },

{ id: 67, name: "Watch Gold for Women" },

{ id: 68, name: "Women's Wrist Watch" },

{ id: 69, name: "Brown Leather Belt Watch" },

{ id: 70, name: "Longines Master Collection" },

{ id: 71, name: "Rolex Cellini Date Black Dial" },

{ id: 72, name: "Rolex Cellini Moonphase" },

{ id: 73, name: "Rolex Datejust" },

{ id: 74, name: "Rolex Submariner Watch" },

{ id: 75, name: "Black & Brown Slipper" },

{ id: 76, name: "Calvin Klein Heel Shoes" },

{ id: 77, name: "Golden Shoes Woman" },

{ id: 78, name: "Pampi Shoes" },

{ id: 79, name: "Red Shoes" },

{ id: 80, name: "Blue Women's Handbag" },

{ id: 81, name: "Heshe Women's Leather Bag" },

{ id: 82, name: "Prada Women Bag" },

{ id: 83, name: "White Faux Leather Backpack" },

{ id: 84, name: "Women Handbag Black" }

];

// Function to filter items containing "de" in their name   
const filterItemsWithDe = (items) => { return items.filter(item => item.name.toLowerCase().includes("de")); };  
  
 const filteredItems = filterItemsWithDe(items);   
console.log(filteredItems);