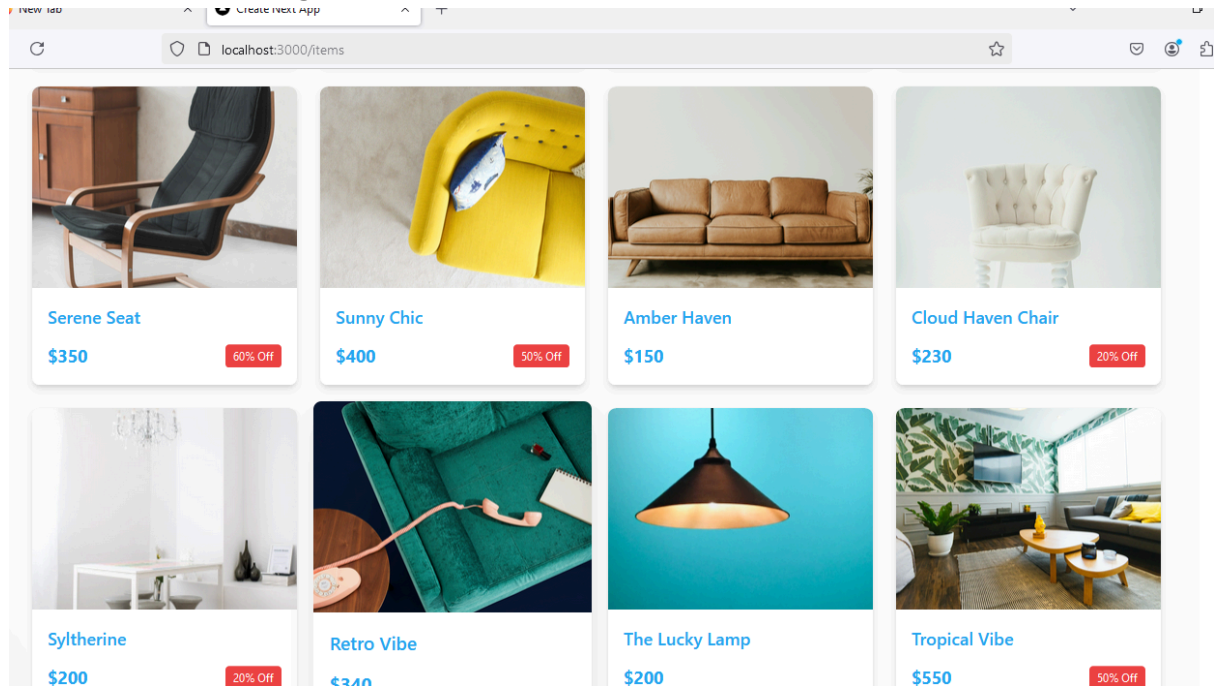


Fetch Products listing



Dynamic Routing

e.tsx U

header.tsx M

header1.tsx

JS importData.mjs U X

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importData.mjs > uploadProduct

```
async function uploadImageToSanity(imageUrl) {  
  console.log(`Uploading image: ${imageUrl}`);  
  
  const response = await fetch(imageUrl);  
  if (!response.ok) {  
    throw new Error(`Failed to fetch image: ${imageUrl}`);  
  }  
  
  const buffer = await response.arrayBuffer();  
  const bufferImage = Buffer.from(buffer);  
  
  const asset = await client.assets.upload('image', bufferImage, {  
    filename: imageUrl.split('/').pop(),  
  });  
  
  console.log(`Image uploaded successfully: ${asset._id}`);  
  return asset._id;  
} catch (error) {  
  console.error('Failed to upload image:', imageUrl, error);  
  return null;  
}  
}
```

Pieces: Comment | Pieces: Explain

```
async function uploadProduct(product) {  
  try {  
    const imageId = await uploadImageToSanity(product.imageUrl);  
  
    if (imageId) {  
      const document = {  
        _type: 'ourproduct',  
        title: product.title,  

```

age.tsx U apiproduct.tsx U X header.tsx M header1.tsx JS importData.mjs U

app > components > apiproduct.tsx > ProductList > useEffect() callback > fetchProducts

```
const ProductList = () => {  
  const [products, setProducts] = useState<Product[]>([]);  
  const [loading, setLoading] = useState(true);
```

Pieces: Comment | Pieces: Explain

```
useEffect(() => {  
  const fetchProducts = async () => {  
    try {  
      const response = await fetch("/api/products");  
      if (!response.ok) throw new Error("Failed to fetch");  
      const data = await response.json();  
      setProducts(data);  
    } catch (error) {  
      console.error("Error fetching products:", error);  
    } finally {  
      setLoading(false);  
    }  
  }  
};
```

```
  fetchProducts();  
}, []);
```

```
if (loading) {  
  return (  
    <div className="flex justify-center items-center h-[100vh]">  
      <div>  
        <FaSpinner className="animate-spin text-4xl ml-8 text-blue-500" />  
        <h1 className="text-2xl font-bold text-blue-400">Loading...</h1>  
      </div>  
    </div>  
  );  
}
```