

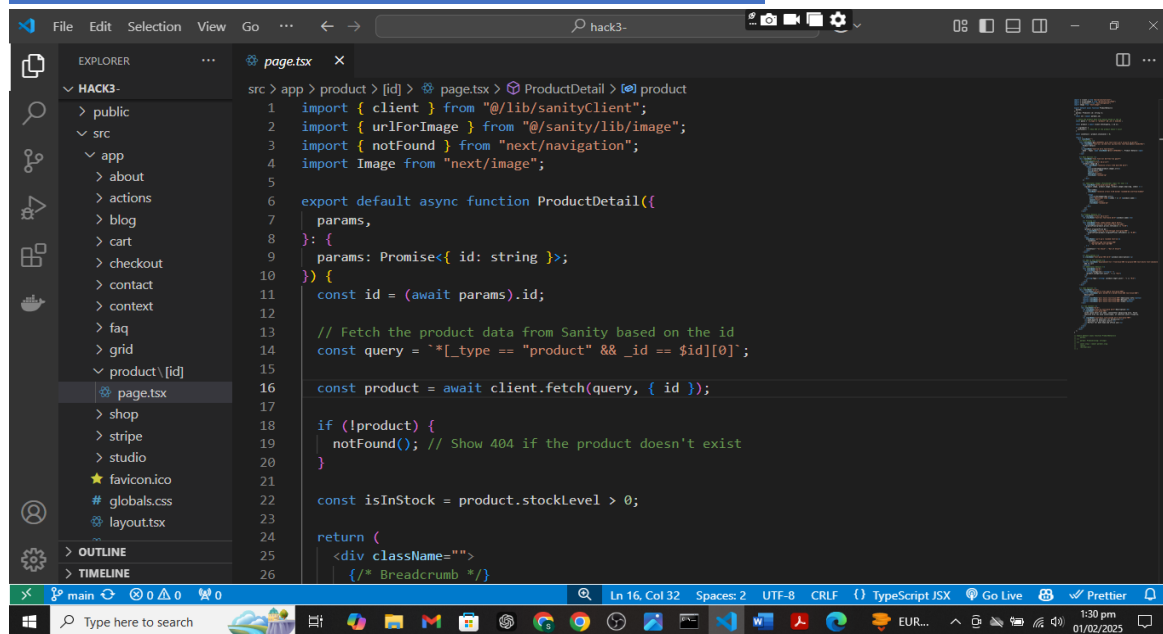
# Day4 – Dynamic Fronted Components – [General E-commerce] [Muhammad Kamran]

## 1. Functional Deliverables:

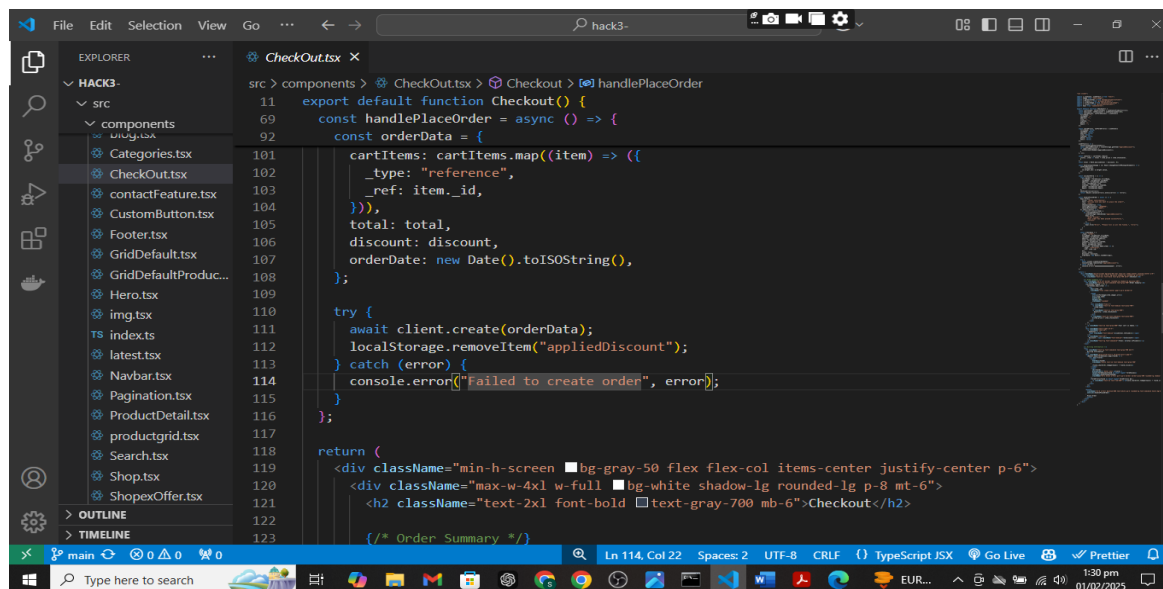
Screenshots of:

. The Product listing page with dynamic data-

### Products Dynamic Page Code



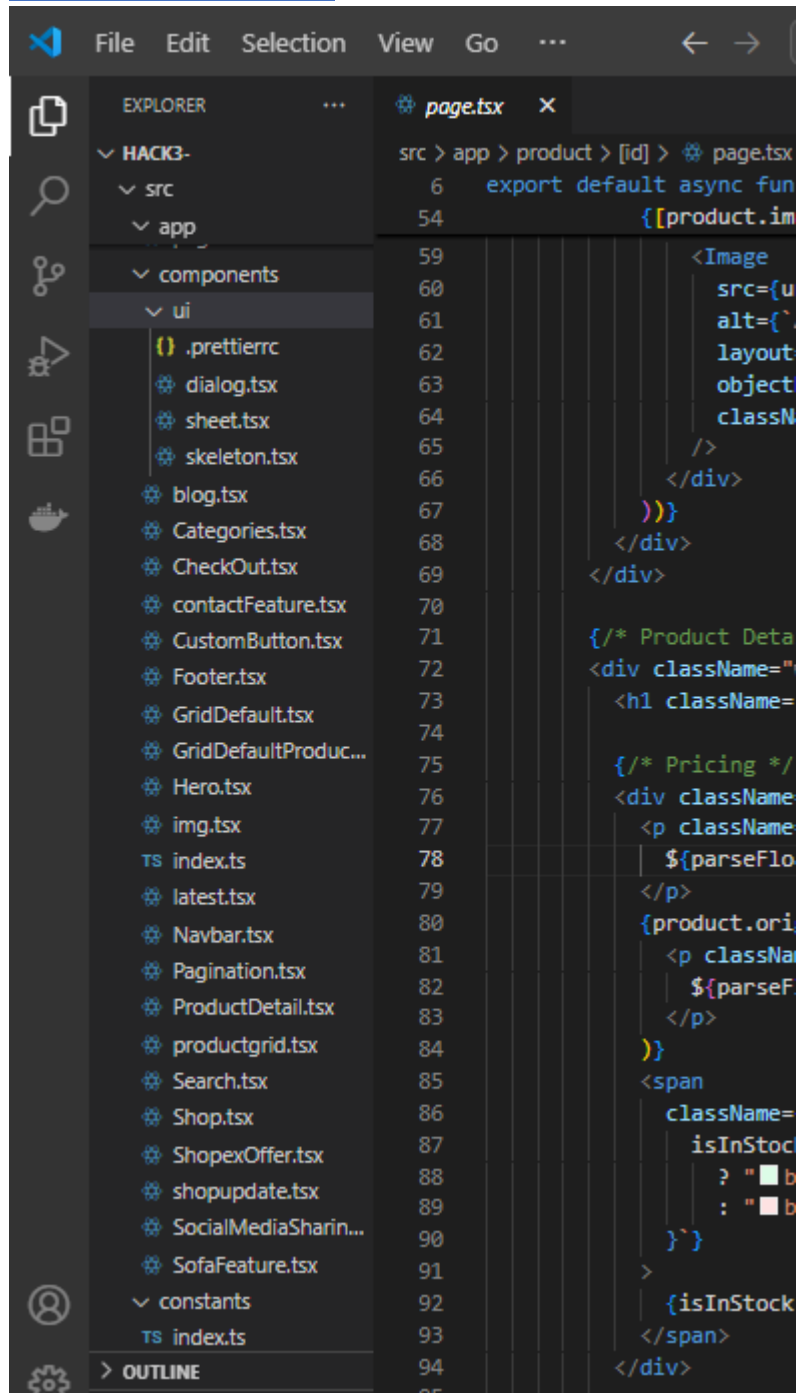
```
src > app > product > [id] > page.tsx > ProductDetail > [id] product
1 import { client } from "@lib/sanityClient";
2 import { urlForImage } from "@sanity/lib/image";
3 import { notFound } from "next/navigation";
4 import Image from "next/image";
5
6 export default async function ProductDetail({
7   params,
8 }: {
9   params: Promise<{ id: string }>;
10 }) {
11   const id = (await params).id;
12
13   // Fetch the product data from Sanity based on the id
14   const query = `*[_type == "product" && _id == ${id}][0]`;
15
16   const product = await client.fetch(query, { id });
17
18   if (!product) {
19     notFound(); // Show 404 if the product doesn't exist
20   }
21
22   const isInStock = product.stockLevel > 0;
23
24   return (
25     <div className=""
26     /* Breadcrumb */
27   );
```



```
src > components > Checkout.tsx > Checkout > handlePlaceOrder
11 export default function Checkout() {
12   const handlePlaceOrder = async () => {
13     const orderData = {
14       cartItems: cartItems.map((item) => ({
15         _type: "reference",
16         _ref: item._id,
17       })),
18       total: total,
19       discount: discount,
20       orderDate: new Date().toISOString(),
21     };
22
23     try {
24       await client.create(orderData);
25       localStorage.removeItem("appliedDiscount");
26     } catch (error) {
27       console.error("Failed to create order", error);
28     }
29   };
30
31   return (
32     <div className="min-h-screen bg-gray-50 flex flex-col items-center justify-center p-6">
33       <div className="max-w-4xl w-full bg-white shadow-lg rounded-lg p-8 mt-6">
34         <h2 className="text-2xl font-bold text-gray-700 mb-6">Checkout</h2>
35
36         /* Order Summary */
37       </div>
38     </div>
39   );
40 }
```

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## Components



The image shows a Visual Studio Code editor interface. On the left, the Explorer sidebar displays a file tree for a project named 'HACK3-'. The tree structure is as follows:

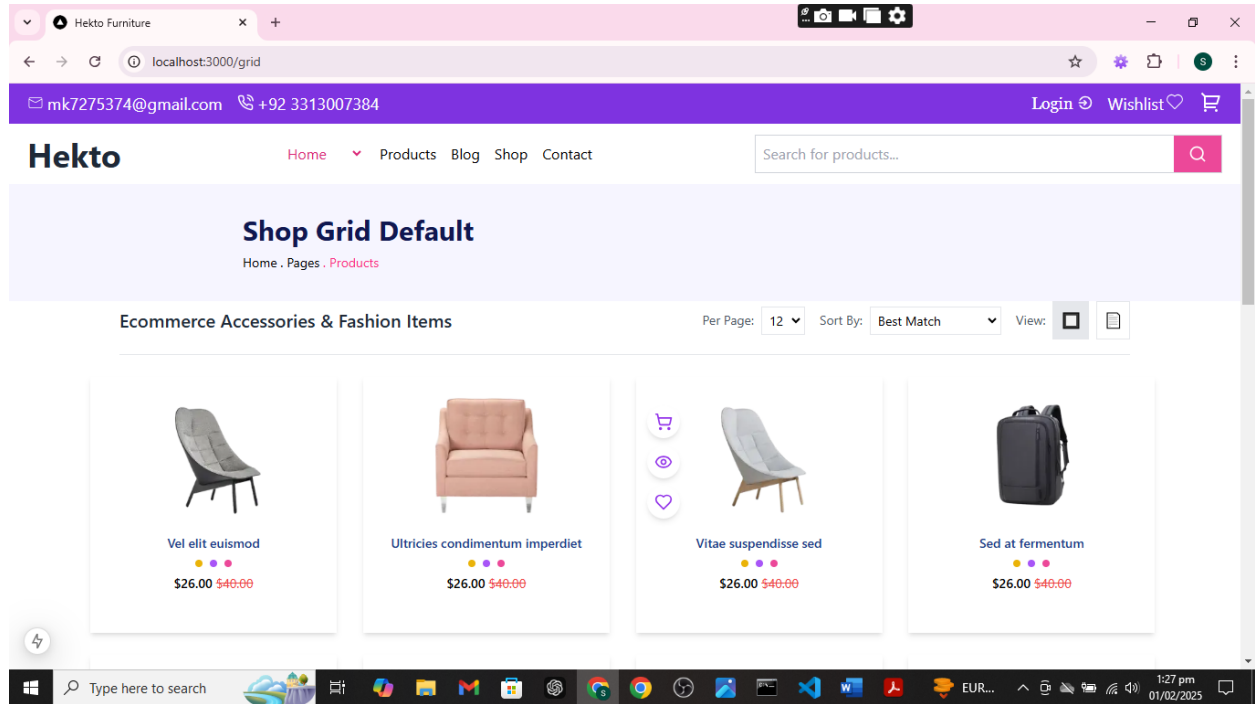
- src
  - app
    - components
      - ui
        - .prettierrc
        - dialog.tsx
        - sheet.tsx
        - skeleton.tsx
- blog.tsx
- Categories.tsx
- CheckOut.tsx
- contactFeature.tsx
- CustomButton.tsx
- Footer.tsx
- GridDefault.tsx
- GridDefaultProduc...
- Hero.tsx
- img.tsx
- index.ts
- latest.tsx
- Navbar.tsx
- Pagination.tsx
- ProductDetail.tsx
- productgrid.tsx
- Search.tsx
- Shop.tsx
- ShopexOffer.tsx
- shopupdate.tsx
- SocialMediaSharin...
- SofaFeature.tsx
- constants
  - index.ts

- OUTLINE

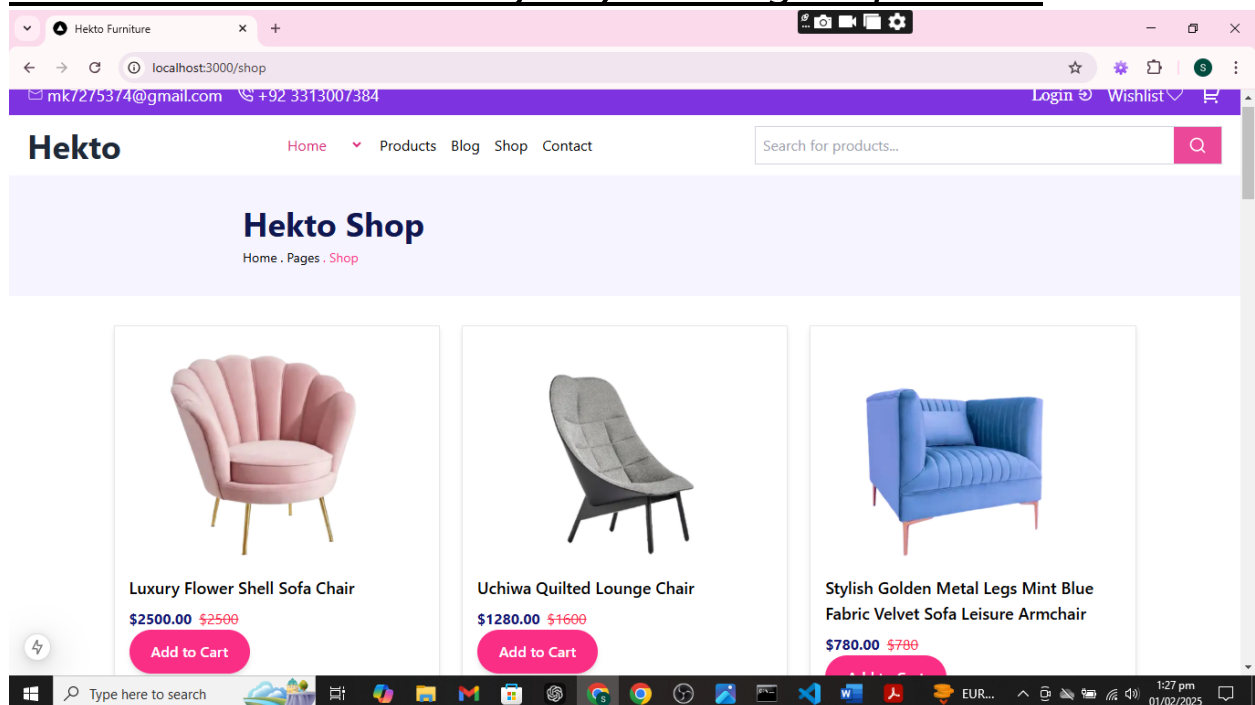
The main editor area shows the file 'page.tsx' open. The code is as follows:

```
src > app > product > [id] > page.tsx
6  export default async fun
54  {[product.im
59
60  <Image
61    src={u
62    alt={`
63    layout
64    object
65    classN
66  </div>
67  )}}
68  </div>
69  </div>
70
71  /* Product Deta
72  <div className="
73    <h1 className=
74
75  /* Pricing */
76  <div className
77    <p className
78    ${parseFlo
79  </p>
80  {product.ori
81    <p classNa
82    ${parseF
83  </p>
84  )}}
85  <span
86    className=
87    isInStoc
88    ? "■ b
89    : "■ b
90  `}}
91  >
92  {isInStock
93  </span>
94  </div>
95
```

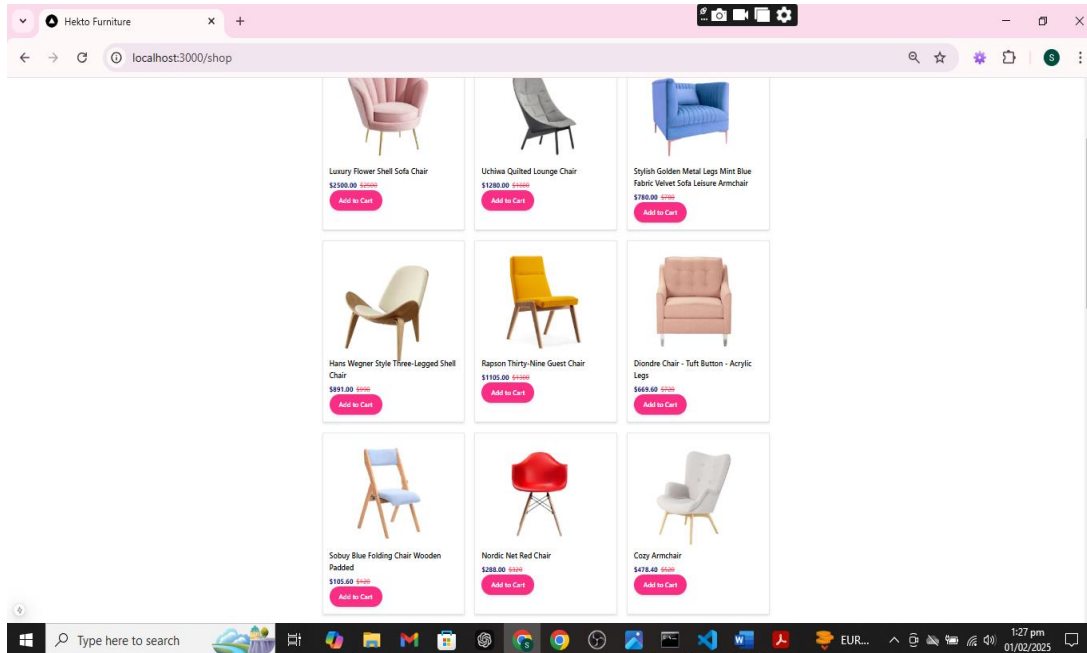
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**Hekto Shop with dymnamic data fetched from sanity\_**  
**Users can view detail info by clicking on product**

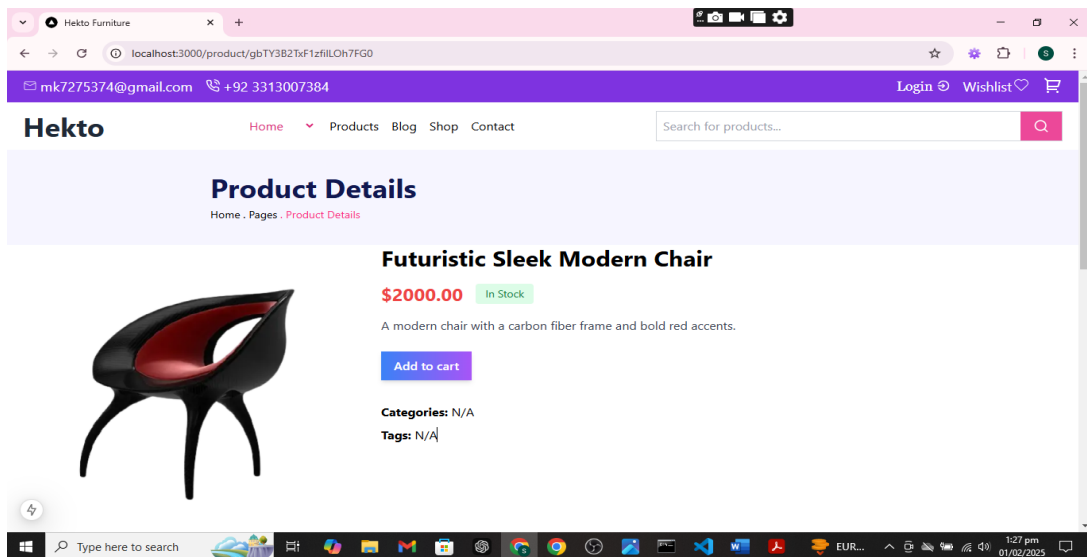


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## Product Detail Page

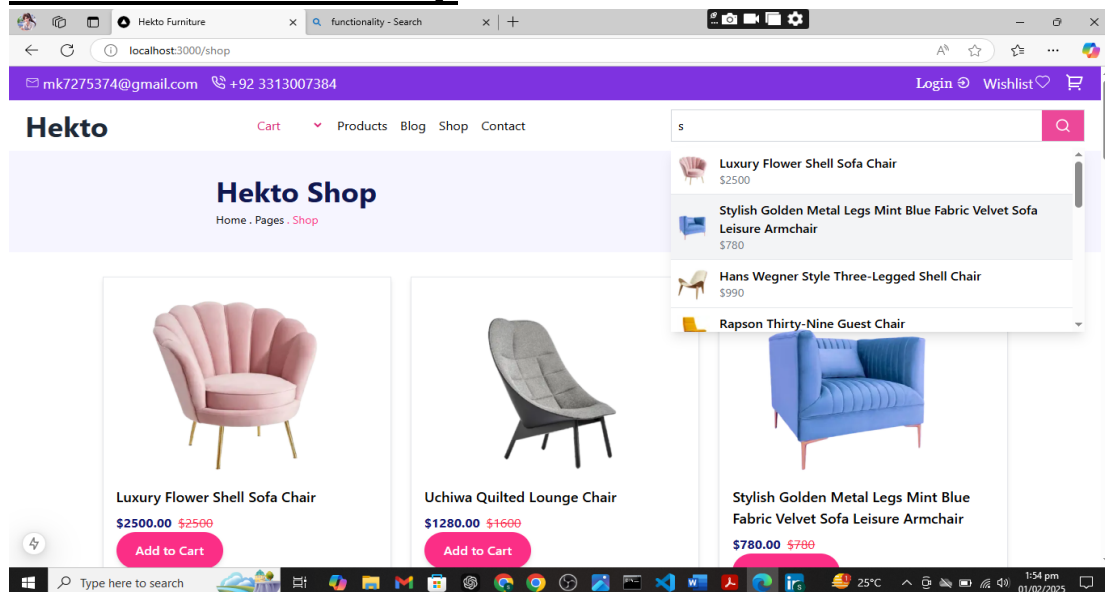
Product Detail Page dynamically loads specific product info such as name, price, description and image.



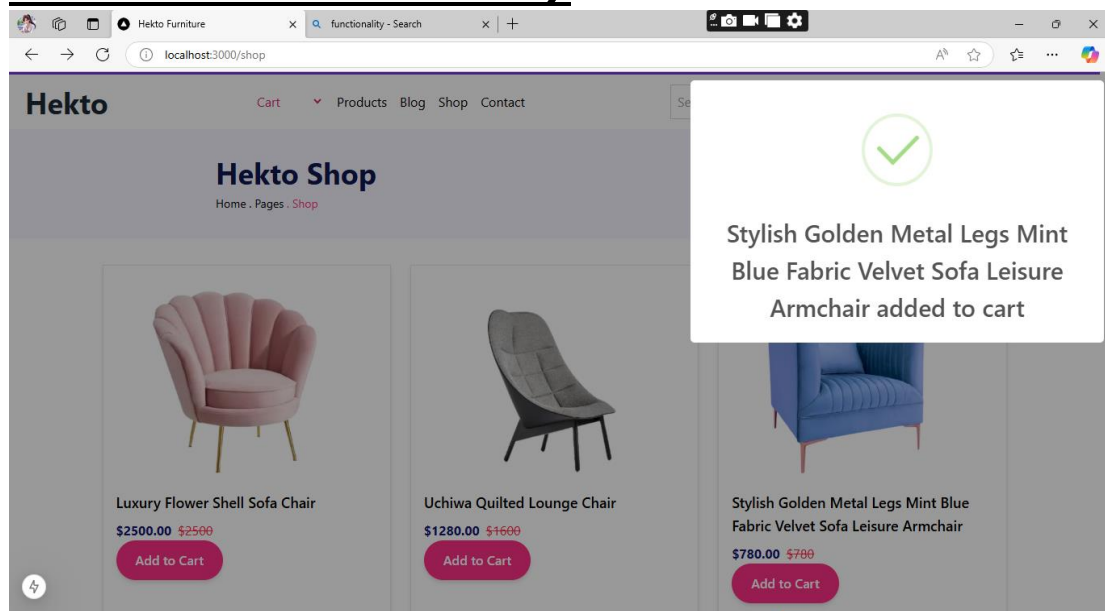
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## Implement Search and Add to cart functionality

### Search Functionality



### Add To Cart Functionality

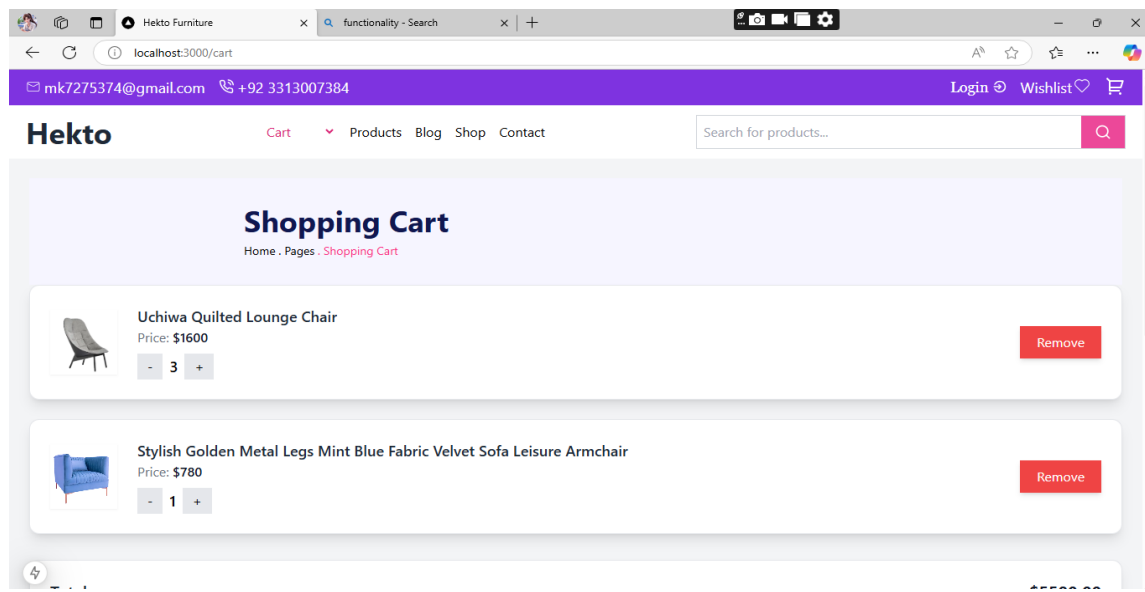


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**After clicking any product add to cart button product will be added to cart then we can proceed it to checkout-**

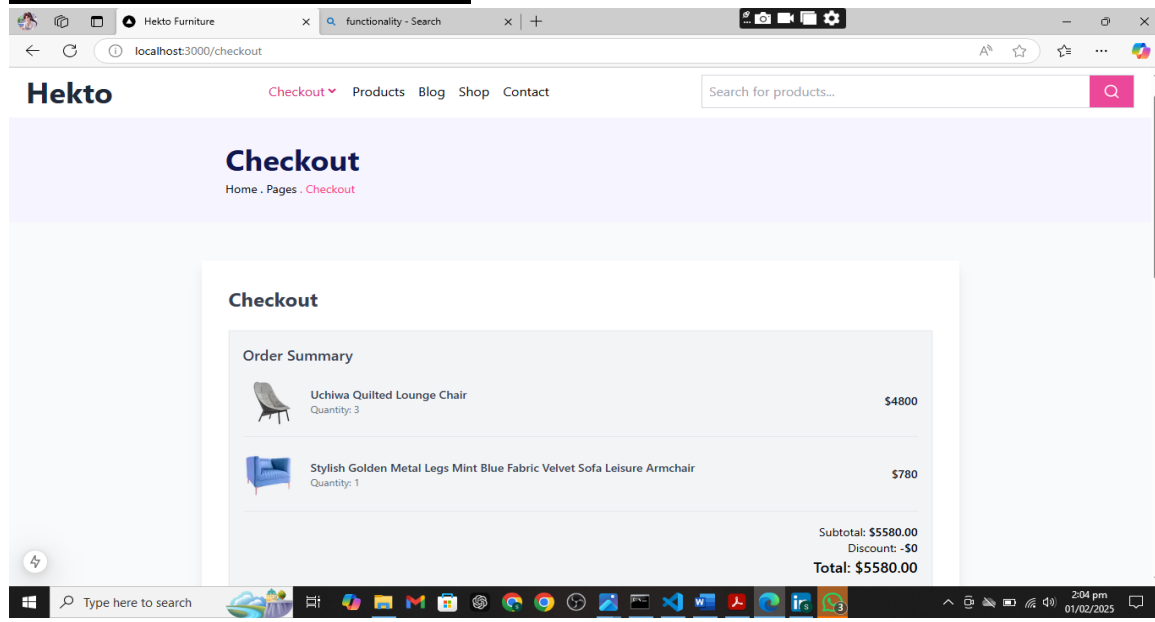
*User can see total price of all items in their cart and also remove any item he wants...*

*Users can proceed to checkout page after reviewing the cart details.....*



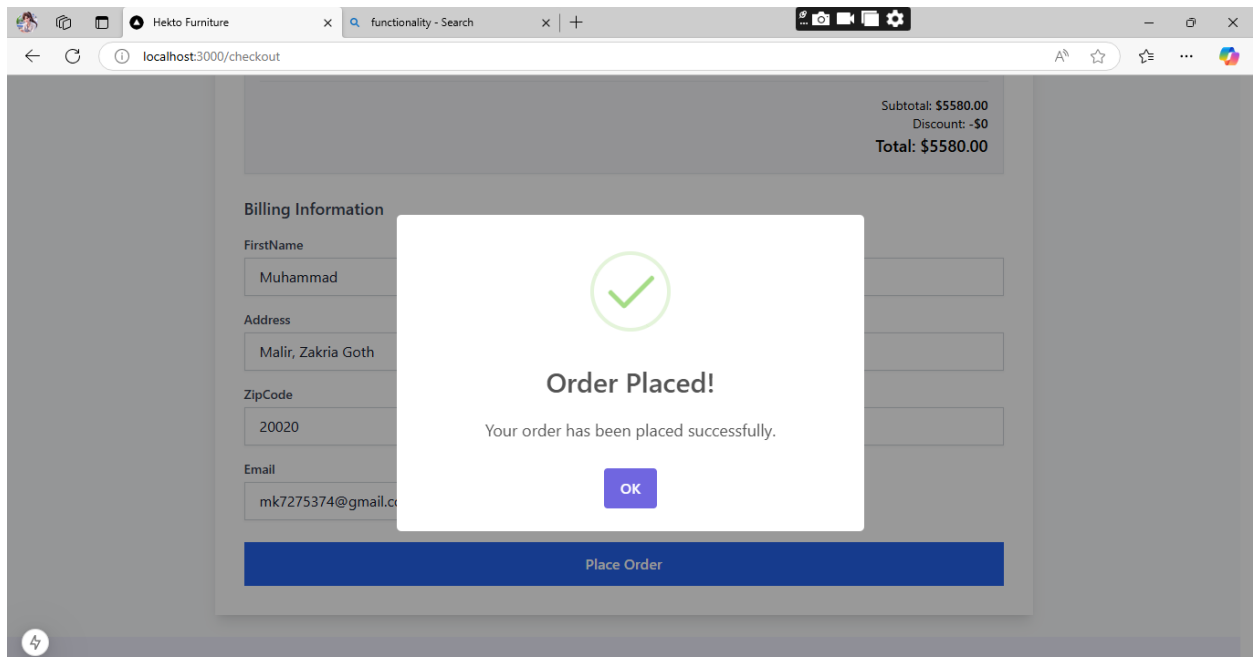
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**Proceed to checkout.**



**Order Placed !! and also stored information of user in  
sanity studio**

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## **Self Validation Check list:**

***Frontend Component Development:***



***Documentation and Submission***



***Styling and Responsiveness***



***Code Quality***



***Final Review***

