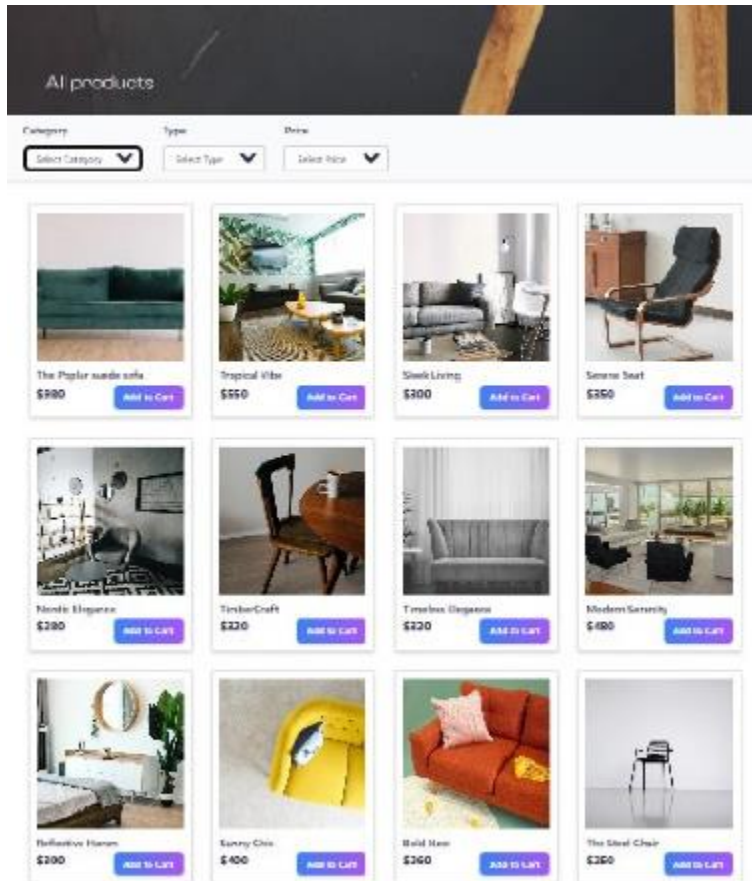


GENERAL E-COMMERCE MARKET PLACE

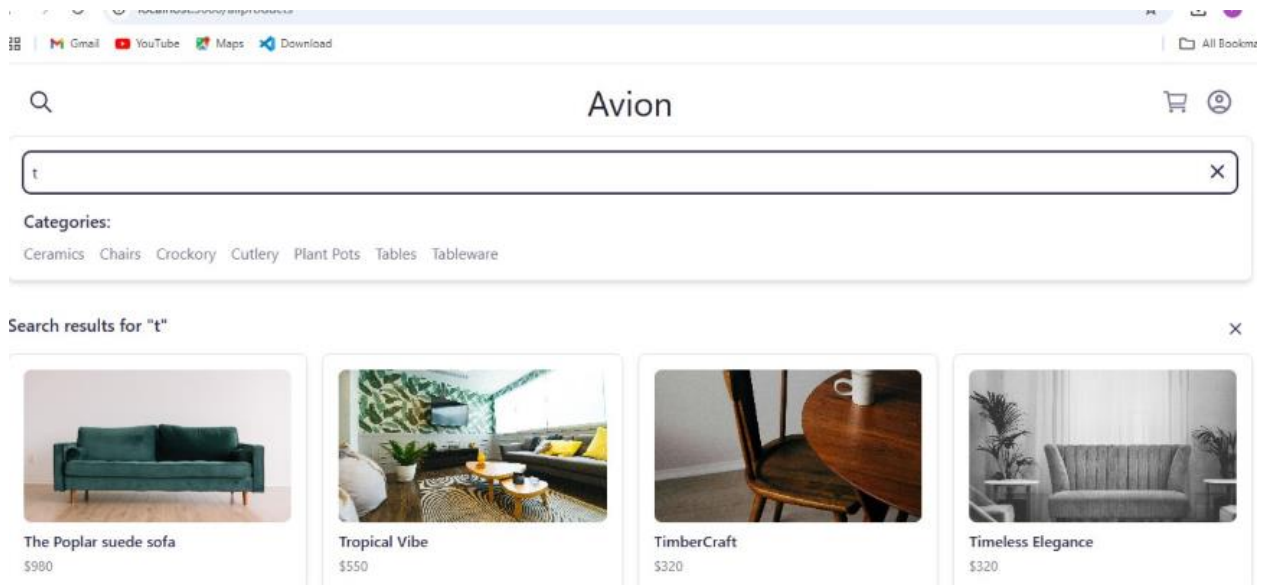
NAME HAFIZ ABDUR REHMAN

FUNCTIONAL DELIVERIBLES

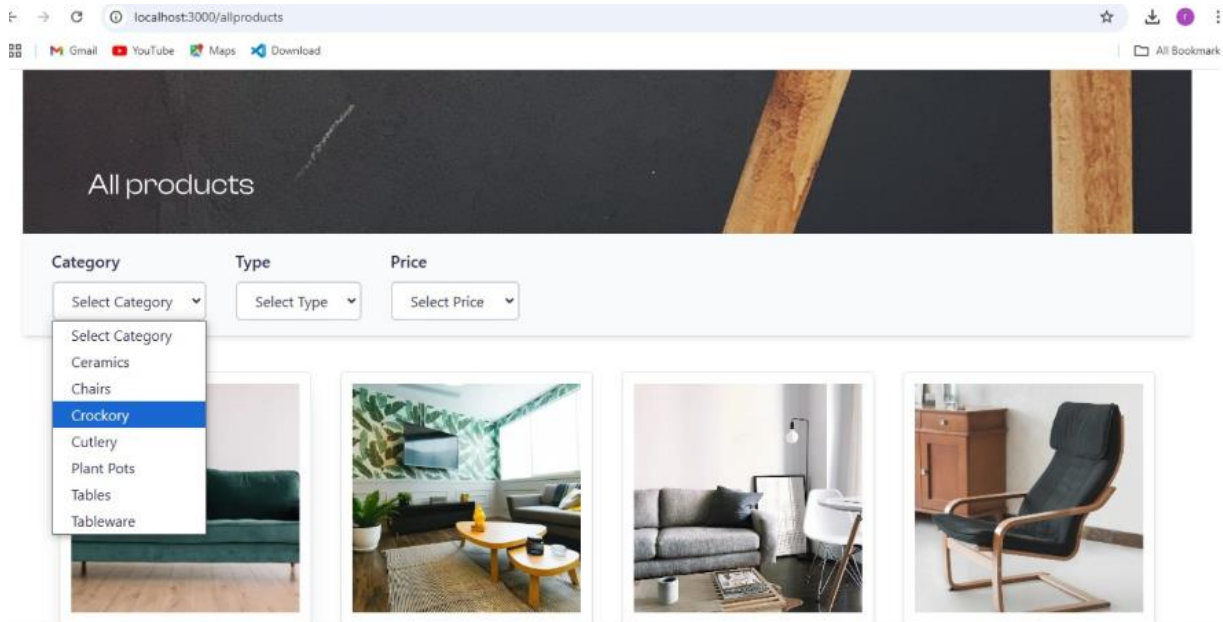
PRODUCT LISTING SCREENSHOT



SEARCH BAR IN ACTION



FILTER IN ACTION



CODE DELIVERABLES

```

const AllProducts = () => {
  id="category"
  value={selectedCategory}
  onChange={(e) => setSelectedCategory(e.target.value)}
  className="border-2 border-gray-300 rounded-md px-4 py-2 "
  >
    <option value="">Select Category</option>
    {categories.map((category) => (
      <option
        key={category.slug.current}
        value={category.slug.current}
      >
        {category.name}
      </option>
    ))}
  </select>
</div>

{/* Type Filter UI */}
<div className="flex flex-col gap-2">
  <label htmlFor="type" className="text-lg font-medium">
    Type
  </label>
  <select
    id="type"
    value={selectedType}
    onChange={(e) => setSelectedType(e.target.value)}
    className="border-2 border-gray-300 rounded-md px-4 py-2 "
  >

```

API INTEGRATION CODE

```

const [visibleCount, setVisibleCount] = useState(12);
const productsPerPage = 12;

const [showFilters, setShowFilters] = useState(false);

useEffect(() => {
  const fetchData = async () => {
    try {
      const productQuery = `*_type == "product"
      && (${selectedCategory ? `category->slug.current == "${selectedCategory}"` : "true"} )
      && (${selectedType ? `type == "${selectedType}"` : "true"} )
      && (${selectedPrice ? `price <= ${selectedPrice}` : "true"})`
      name, slug, image, price, category, type
    }`;

    const fetchedProducts = await client.fetch(productQuery);
    setData(fetchedProducts);

    const categoryQuery = `*_type == "category"{name, slug}`;
    const fetchedCategories = await client.fetch(categoryQuery);
    setCategories(fetchedCategories);
  } catch (error) {
    console.error("Error fetching data: ", error);
  }
}

```

DYNAMIC ROUTING

```
src > app > products > [slug] > ✎ page.tsx > ✎ fetchProduct
7 import TopBar from "@components/TopBar";
8 import Brand from "@components/Brand";
9 import ClubBenefits from "@components/ClubBenefits";
10 import Footer2 from "@components/Footer2";
11 import { Button } from "@components/ui/button";
12
13
14 async function fetchProduct(slug: string) {
15   return await client.fetch(
16     `*_type == "product" && slug.current == ${slug}[0]`,
17     { slug }
18   );
19 }
20
21 const ProductPage = async ({ params }: { params: { slug: string } }) => {
22   const product = await fetchProduct(params.slug);
23
24   if (!product) {
25     notFound();
26   }
27
28   return (
29     <div>
30       <TopBar />
31       <ProductDetailHeader />
32
33       <div className="max-w-screen-xl mx-auto px-4 pt-8">
34         <div className="flex flex-col md:flex-row items-center md:items-start">
```