FRONTEND COMPONENTS FOR YOUR MARKETPLACEDIBUILDING DYNAMIC FRONTEND

HACKATHON 4 DAY ASSIGNMENT

Prepared by:

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Functional Deliverables:

Screen Shots:

1. Product listing page with dynamic data
2. Individual product page with accurate routing
3. Categories filter and search bar

Code Deliverables:

Code snippets for:

1. ProductCard
2. Product List
3. SearchBar

Documentation:

1-Steps taken to integrate components:

1. *I link one component with the other component with the help of hyper link*
2. *I use parent component and child component with ArrayMap function for images*

2-Challenges faced and solutions implemented:

To me correct implementation of coding structure particularly client-side component and server-side component and using webhooks seems challenging to me. I have learnt that few functions are specifically used in server side for e.g. async function which creates problem if used in client-side component. The only solution I see is to learn the concepts and practice more.

3-Best Practice followed during development:

1. *I tried to create re-usable components instead of working on the main page.*
2. *I tried my level best to implement the knowledge I have learned in the classes.*
3. *I give brief comments at the start of any new section in the coding as future reference.*
4. *I kept uniformity in names and use the name of the folders and files according to their purpose.*

localhost:3000/product

localhost:3000/product

Webmail Login | Helium 10 Dashboard | Google Trends uk | Logout | My Bosch | Tools for... | Household Wholesa... | Sign In | LinkedIn | how to run google... | Texan registered ag... | comptroller Texas | Portico

Explore more in Signature

Explore more in Newarrival

Explore more in Bestseller

CUSTOMIZED ITALIAN MINIMALIST SOFA

Product Description: Three seater sofa. It is another chance to grab the ideal sofa for tv lounge and perfect for drawing room as well. created from finest material.
Product ID: L-005
Price: $72500
~~Full Price: $120800~~
Color: off-white, black
Tags: Newarrival
Category: Livingroom

Dimensions:
Width: 54 inches
Height: 66 inches
Depth: 43 inches
Quantity: 6 in stock

Explore more in Livingroom

Explore more in Newarrival

BABYS GIRL WARDROBE

Product Description: This is the most stylish and elegant wardrobe with deco paint
Product ID: B-006
Price: $60000
~~Full Price: $60000~~
Color: white, brown ,black
Tags: Bestseller
Category: Bedroom

Dimensions:
Width: 40 inches
Height: 40 inches
Depth: 17 inches
Quantity: 10 in stock

Explore more in Bedroom

Explore more in Bestseller

CREAM STYLE SOFA

Product Description: Three seater sofa and it is State of the art sofas imported from Turkey and available in turkish fabric
Product ID: L-004
Price: $75000
~~Full Price: $75000~~
Color: off-white, black
Tags: Bestseller
Category: Livingroom

Dimensions:
Width: 85 inches
Height: 60 inches
Depth: 82 inches
Quantity: 4 in stock

Explore more in Livingroom

Explore more in Bestseller

Explore more in Livingroom

Explore more in Newarrival

ASGAARD SOFA

Product Description: Unique green color sofa with imported fabric in pure sheesham wood.
Product ID: L-003
Price: $45000

Metal Rod side table

Product Description: best for family get together and events. These extra ordinary rod side tables are available in many colors
Product ID: L-006
Price: $10000
~~Full Price: $9999~~

Search | 64°F Haze | 10:47 PM 1/20/2025

Home Decor Chair

Product Description: This is the most unique style chair and innovative. This chair is available in black and offwhite color. This chair can be placed in living room and bedroom as well.

Product Id: B-008

Slug: home-decor-chair

Price: $15000

~~**Full Price:** $24999~~

Color: black and beige

Tags: Newarrival

Dimensions:
Width: 20 inches
Height: 10 inches
Depth: inches

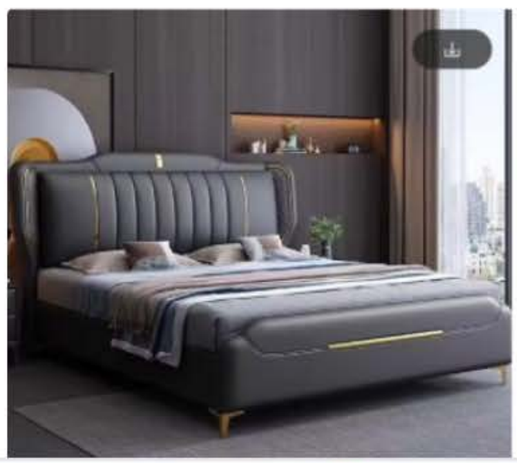
Quantity: 4 in stock

Bedroom Products

BABYS GIRL WARDROBE
Price: $60000

Home Decor Chair
Price: $15000

Tikko Bedside Table
Price: $26666



Newarrival Products

Italian Night Stand
Price: $12000

CUSTOMIZED ITALIAN MINIMALIST SOFA
Price: $72500

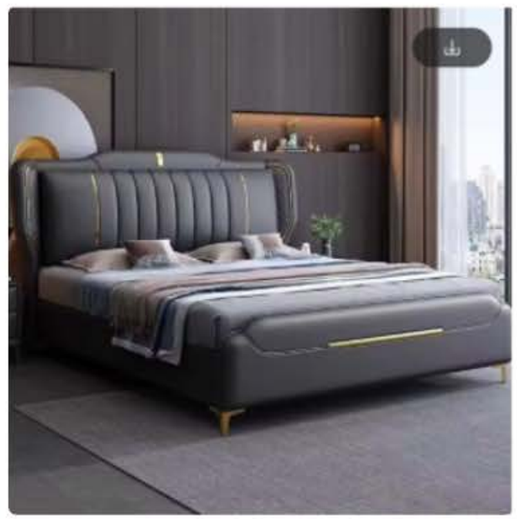
Home Decor Chair
Price: $15000

Featured Products

Gaming chair
Price: $20000

DISPLAY CLOSET
Price: $40000

CLOSET WARDROBE
Price: $50000



Padded grey comfortable bed with storage inside

```tsx
import { urlFor } from "@/sanity/lib/image";
import { notFound } from "next/navigation"; // For handling invalid slugs

// DynamicBook component for displaying product details
const DynamicBook = async ({ params }: { params: { id: string } }) => {
  console.log("Dynamic Route Params:", params);

  // Fetch the specific product from Sanity using the id (not slug)
  const product = await client.fetch(
    `*[_type == "product" && _id == $id][0] {
      _id,
      productId,
      productName,
      productDescription,
      slug,
      price,
      fullPrice,
      image { asset->{_id, url} },
      color,
      tags,
      quantity,
      productDimension
    }`,
    { id: params.id }
  );

  console.log("Fetched Product:", product);
  // If the product is not found, show a 404 page
  if (!product) {
    notFound();
  }

  // Render the product details
  return (
```



```
}
```


Search
64°F Haze
10:55 PM 1/20/2025

```
97
98  import Link from "next/link";
99  import { client } from "@/sanity/lib/client";
100 import { urlFor } from "@/sanity/lib/image";
101
102 export default async function Home() {
103   // Fetch data from Sanity
104   const response = await client.fetch(
105     `*[_type == "product"] {
106       _id,
107       productName,
108       productId,
109       productDescription,
110       productDimension,
111       slug,
112       price,
113       fullPrice,
114       image { asset->{_id, url} },
115       tags,
116       color,
117       category,
118       quantity
119     }`,{},{cache: "no-store"}
120 );
121
122
123
124 // Log the response for debugging
125 console.log("Fetched Products:", response);
126
127 // Check if response is empty or not as expected
128 if (!response || response.length === 0) {
129   return (
130     <main className="container mx-auto p-4">
```

```
120  // }
121
122
123  import { client } from "@/sanity/lib/client";
124  import { urlFor } from "@/sanity/lib/image";
125  import { notFound } from "next/navigation";
126  import Link from "next/link";
127
128  export const fetchCache = "no-store"; // Disable caching globally for this page
129
130  interface TagsPageProps {
131    params: {
132      id: string; // Dynamic route parameter for tag (e.g., Featured, Newarrival)
133    };
134  }
135
136  export default async function CategoryPage({ params }: TagsPageProps) {
137    const { id: tagsSlug } = params;
138
139  // Fetch products based on the tag with no cache
140  const products = await client.fetch(
141    `*[_type == "product" && $tagsSlug in tags] {
142      _id,
143      productName,
144      slug,
145      price,
146      image { asset->{url} }
147    }`,
148    { tagsSlug },
149    { cache: "no-store" }
150
151  );
152
153
```