

# **DAY 4 – BUILDING DYNAMIC FRONTEND COMPONENTS FOR YOUR MARKETPLACE**

Date: 20.01.2025

Prepared by Shumaila Gulfam

## Objective:

I focus on designing and developing dynamic frontend components to display marketplace data fetched from Sanity CMS or APIs. This step emphasizes modular, reusable component design and real-world practices for building scalable and responsive web applications.

## Key Learnings:

- 1 dynamic components data fetched from Sanity CMS and APIs.✓
- 2 Designed reusable, modular components for better scalability.✓
- 3 Implemented state management techniques for seamless functionality.✓
- 4 Focused on responsive design and UX/UI best practices.✓
- 5 Prepared for real-world client projects by simulating professional workflows.✓

# Cart Component

I implemented a cart feature in my website to allow users to add and manage documents easily. This functionality ensures an organized and user-friendly way to store and review selected documents before final actions.


```
5  import { Trash } from 'lucide-react'
6
7  import CartTotals from '@components/cartTotals/CartTotals'
8
9  function Cart() {
10   return (
11     <>
12       {/* Banner Section */}
13
14       <section className="bg-[url('/blogMainImage.png')] bg-cover bg-center py-12 md:py-16 mb-6">
15         <div className="container mx-auto px-4 text-center">
16           <div className="inline-block w-16 h-16 bg-[url('/logo1.png')] mb-4" />
17           <h1 className="text-3xl md:text-4xl font-medium mb-4">Cart</h1>
18           <div className="flex items-center justify-center gap-2 text-sm">
19             <a href="#" className="hover:underline">
20               Home
21             </a>
22             <span>
23               <Image src={"/rightA.png"} width={20} height={20} alt="arrow" />
24             </span>
25             <span>Cart</span>
26           </div>
27         </div>
28       </section>
29
30
31       {/* Middle Section */}
32       <div className="w-full flex flex-col lg:flex-row gap-8 px-6 md:px-12 lg:px-24 mb-16">
33
```


# Contact Component


I have created a Contact component that accepts user requests.  
I want to display it in my document along with a picture.

### Get In Touch With Us

For more information about our products & services, please feel free to drop us an email.  
Our staff will always be there to help you out. Do not hesitate!

**Address**  
236 5th SE Avenue, New York NY10000, United States

**Phone**  
Mobile: +(84) 546-6789  
Hotline: +(84) 456-6789

**Working Time**  
Monday-Friday: 9:00 - 22:00  
Saturday-Sunday: 9:00 - 21:00

**Your name**

**Email address**

**Subject**


**Message**  

Hi! I'd like to ask about...


# Confirmation Reciving Replay as a popUp

## Get In Touch With Us


For more information about our products & services, please feel free to drop us an email.  
Our staff will always be there to help you out. Do not hesitate!

 **Address**

236 5th SE Avenue, New York NY10000, United States

 **Phone**

Mobile: +(84) 546-6789  
Hotline: +(84) 456-6789

 **Working Time**

Monday-Friday: 9:00 - 22:00  
Saturday-Sunday: 9:00 - 21:00

**Recive Your Message Soon we will Contact you!**

OK

**Email address**

abc@gmail.com

**Subject**

buying

**Message**

need to confirm

Submit

# Contact Form Code

```
const ContactForm: React.FC = () => {
  const [isSubmitted, setIsSubmitted] = useState(false);

  const handleSubmit = (e: React.FormEvent) => {
    e.preventDefault();
    setIsSubmitted(true);
  };

  const closePopup = () => {
    setIsSubmitted(false);
  };

  return (
    <div>
      <div>
        <form className="md:col-span-2 space-y-6" onSubmit={handleSubmit}>
          <div>
            <label className="font-medium mb-2 block">Your name</label>
            <Input placeholder="Abc" />
          </div>
          <div>
            <label className="font-medium mb-2 block">Email address</label>
            <Input placeholder="Abc@def.com" type="email" />
          </div>
          <div>
            <label className="font-medium mb-2 block">Subject</label>
            <Input placeholder="This is optional" />
          </div>
          <div>
            <label className="font-medium mb-2 block">Message</label>
            <Textarea
              placeholder="Hi! I'd like to ask about..."
              className="min-h-[120px]"
            />
          </div>
          <Button
            type="submit"
            className="w-full md:w-auto bg-[#B88E2F] hover:bg-[#B88E2F]/90"
          />
        </form>
      </div>
    </div>
  );
};
```

## use of useState useEffect

I used useState to manage the component's local state and useEffect to handle side effects, such as fetching data and updating the UI dynamically, in my website. These hooks helped implement efficient and reactive functionalities.

```
import { useEffect, useState } from 'react'
```

```
const [name, SetName] = useState("")
const [email, SetEmail] = useState("")
const [message, SetMessage] = useState("")
const [cmtArray, setCmtArray] = useState<Comment[]>([])
const [btnName, setBtnName] = useState("Post")
const [findCard, setFindCard] = useState<Comment | null>(null)
```



# Product Listing

```
constant > TS pro1.ts > Product
export interface Product {
  id: string
  src: string
  name: string
  description: string
  price: number
  originalPrice?: number
  image: string
  tag?: 'new' | 'sale'
  salePercentage?: number
}

export const products: Product[] = [
  {
    id: '1',
    name: 'Syltherine',
    src: '/Syltherine.png',
    description: 'Stylish cafe chair',
    price: 2500000,
    originalPrice: 3500000,
    image: '/Syltheriner.png',
    tag: 'sale',
    salePercentage: 30,
  },
  {
    id: '2',
    name: 'Leviosa',
    src: '/Leviosa.png',
    description: 'Stylish table chair',
    price: 2500000,
    image: '/Leviosa.png',
  },
  {
    id: '3',
    name: 'Lolito',
    src: '/Lolito.png',
    description: 'Luxury big sofa',
    price: 7000000,
    originalPrice: 14000000,
    image: '/Lolito.png',
    tag: 'sale'
  }
]
```

✓  products \ [productDetail]



page.tsx

```
const colorOptions = [
  { name: "Blue", class: "bg-[#23A6F0]" },
  { name: "Green", class: "bg-[#2DC071]" },
  { name: "Orange", class: "bg-[#E77C40]" },
  { name: "Navy", class: "bg-[#252B42]" },
];

export default async function ProductDetail({
  searchParams,
}): {
  searchParams: Promise<{
    title: string;
    price: number;
    description: string;
    productImage: string;
  }>;
} {
  const { title, price, description, productImage, } = await searchParams;

  console.log(title);

  return (
    <section className="bg-[#FAFAFA] py-12 font-montserrat">
      <div className="container mx-auto px-4">
        <div className="grid grid-cols-1 md:grid-cols-2 gap-8">
          {/* Image Carousel */}
          <div className="relative">
            <div className="w-full rounded-lg overflow-hidden bg-red-400">
              <Image
                src={productImage}
                alt={productImage}
                width={300}
                height={300}
                className="object-cover absolute"
              />
            </div>
          </div>
        </div>
      </div>
    </section>
  );
}
```


## **Fetch Data Successfully**

I successfully fetched data from the API and displayed it dynamically on my website. This integration ensures real-time updates and seamless synchronization of data with the user interface



Reflective Haven

Rp 300 ~~Rp 300~~

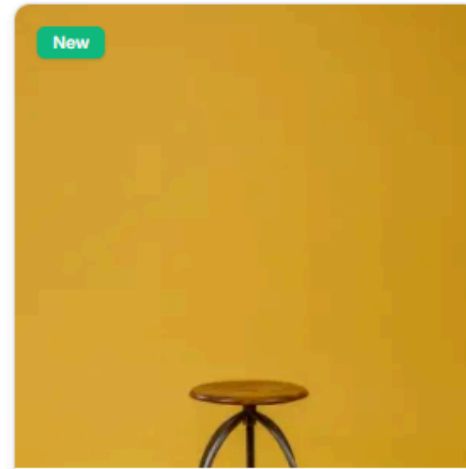
 Add to cart



Sunny Chic

Rp 400 ~~Rp 400~~


 Add to cart

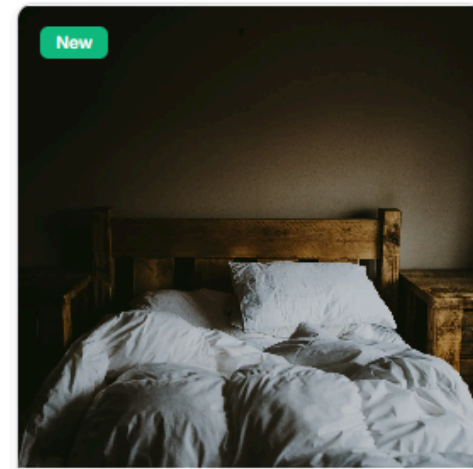


New

The Dandy chair

Rp 150 ~~Rp 150~~


 Add to cart

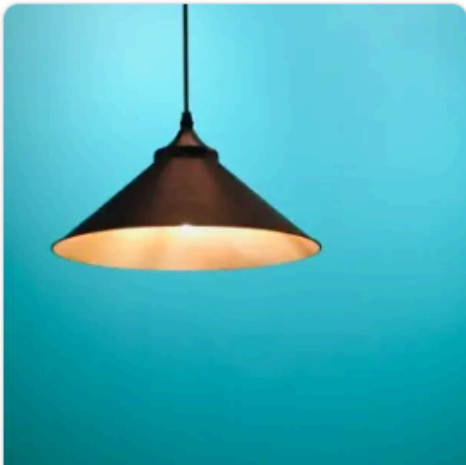


New

Bed


Rp 250 ~~Rp 250~~

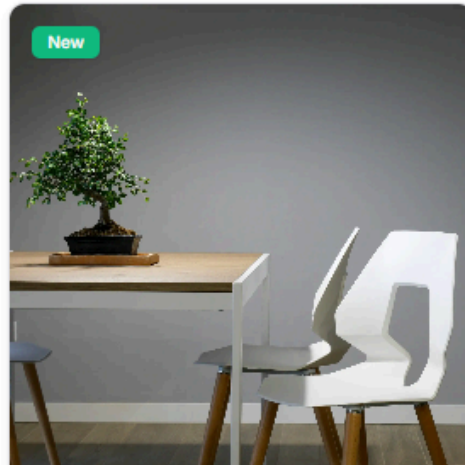
 Add to cart



The Lucky Lamp

Rp 200 ~~Rp 200~~


 Add to cart

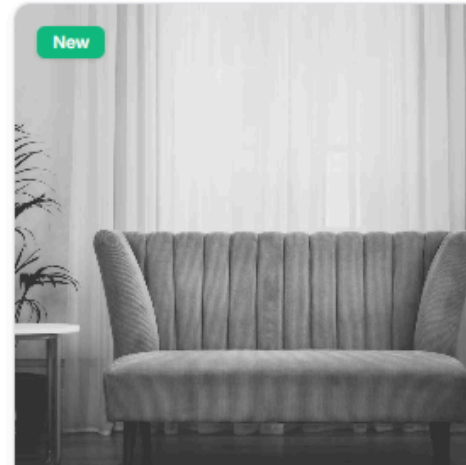


New

Zen Table

Rp 250 ~~Rp 250~~


 Add to cart

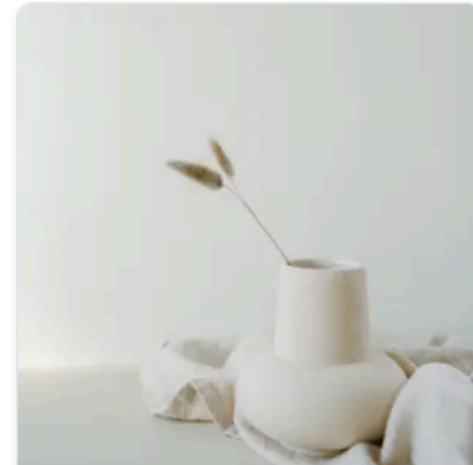


New

Timeless Elegance


Rp 320 ~~Rp 320~~

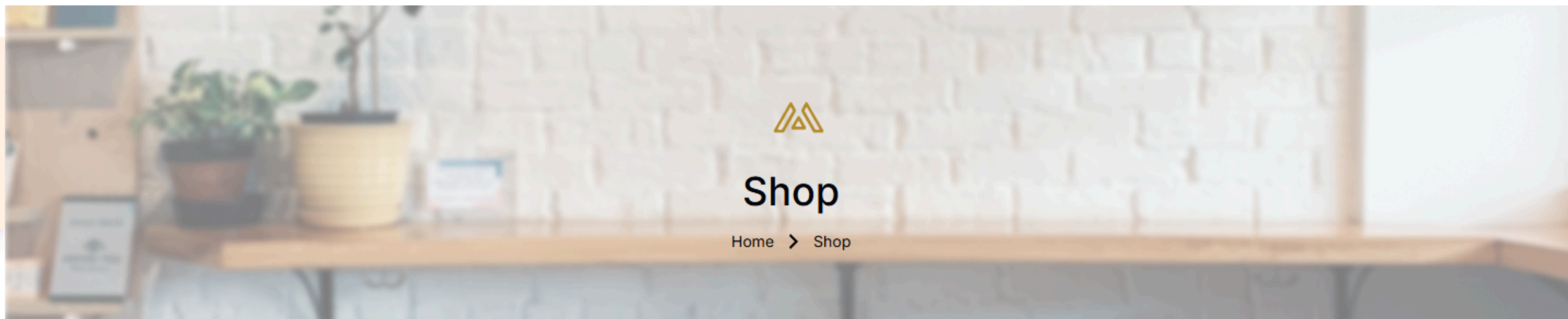
 Add to cart



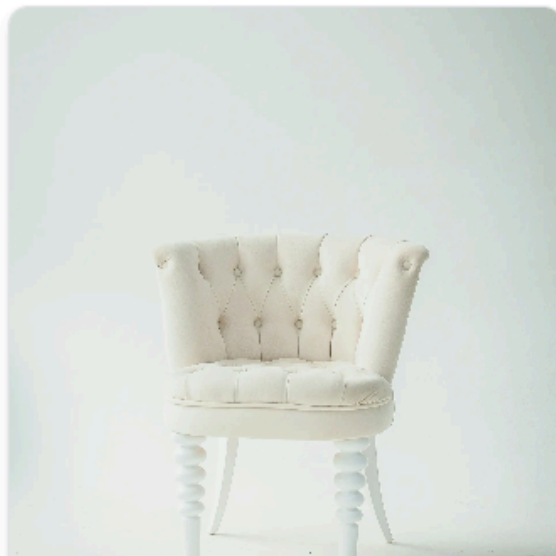
Rustic Vase Set

Rp 210 ~~Rp 210~~

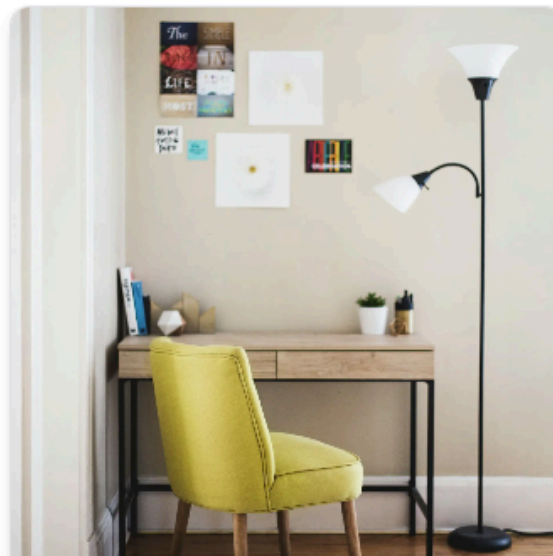
 Add to cart



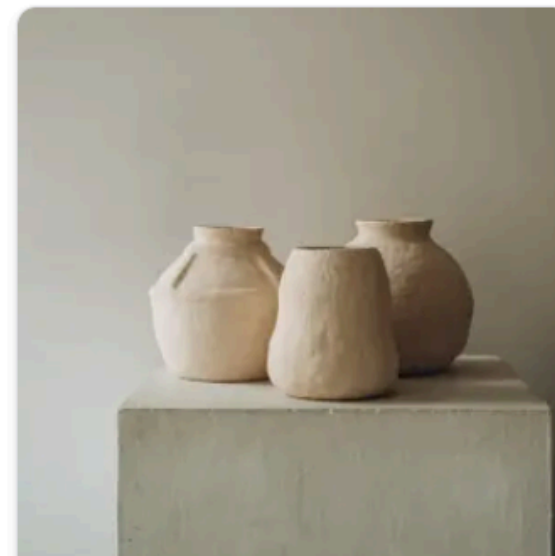
**Bold Nest**



**Cloud Haven Chair**



**Bright Space**



**Vase Set**



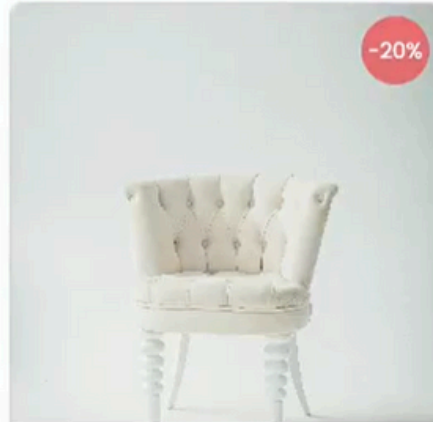


-10%

### Rustic Vase Set

Bring the charm of nature into your home with the Rustic Vase Set...

**\$210**

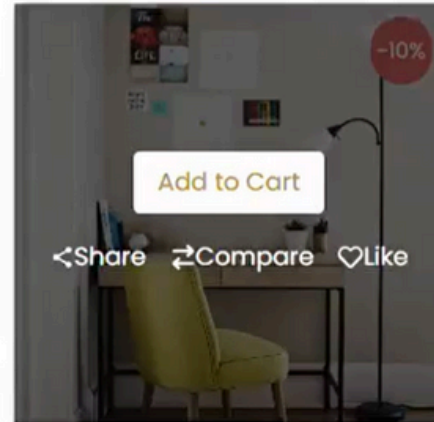


-20%

### Cloud Haven Chair

Sink into comfort with the Cloud Haven Chair—where softness...

**\$230**



-10%

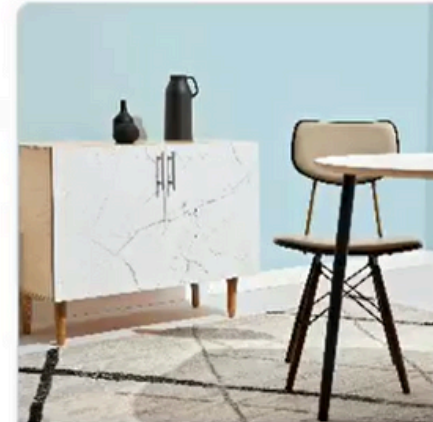
Add to Cart

<Share   ↗Compare   ♥Like

### Bright Space

Welcome to BrightSpace—a collection designed to infuse your...

**\$180**



### Marble Ease

Introducing MarbleEase—a luxurious collection that brings th...

**\$419**

# Order Tracking Component

I developed an Order Tracking Component to help users monitor the status of their orders in real time. This feature provides detailed information, including order status, delivery progress, and estimated arrival time. It enhances user experience by offering transparency and convenience throughout the order journey.

## Shipment Details

Carrier ID

se-1583244

Service Code

USPS Priority Mail

## Ship To

Name

shumi

Phone

0333333333

Address

abc

City

karachi

State

sindh

Postal Code

75500

Country Code

US

Residential?

Yes

P

US POSTAGE & FEES PAID IMI  
2 LB PRIORITY MAIL RATE  
ZONE 7 NO SURCHARGE  
Commercial

063S0030351277  
3027882  
FROM 78731



Stamps

01/10/2025

USPS PRIORITY MAIL®

Shumaila  
Example Corp  
4301 Bull Creek Rd  
Austin TX 78731-5933

SHIP  
TO:

LILY  
525 S WINCHESTER BLVD  
SAN JOSE CA 95128-2537



USPS TRACKING #



40 5118 9956 3483 1931 84





```
import { useState } from 'react'
import { Card, CardContent, CardHeader, CardTitle } from "@components/ui/card"
import { Input } from "@components/ui/input"
import { Label } from "@components/ui/label"
import { Button } from "@components/ui/button"
import { Select, SelectContent, SelectItem, SelectTrigger, SelectValue } from "@components/ui/select"
import { Truck, User, Phone, Home, Building, MapPin, Package, Weight, Ruler } from 'lucide-react'
import { postReq } from '@services/shipmentApi'
import { AlertDialog, AlertDialogContent, AlertDialogDescription, AlertDialogHeader, AlertDialogTitle } from '../ui/alert-dialog'
import JsonResponseViewer from '@components/jsonResponseViewer'

export default function ShipmentForm() {
  // Carrier and Service
  const [carrierId, setCarrierId] = useState('se-1583244')
  const [serviceCode, setServiceCode] = useState('usps_priority_mail')

  // Ship To
  const [shipToName, setShipToName] = useState('')
  const [shipToPhone, setShipToPhone] = useState('')
  const [shipToAddress, setShipToAddress] = useState('')
  const [shipToCity, setShipToCity] = useState('')
  const [shipToState, setShipToState] = useState('')
  const [shipToPostalCode, setShipToPostalCode] = useState('')
  const [shipToCountryCode, setShipToCountryCode] = useState('US')
  const [shipToResidential, setShipToResidential] = useState('yes')

  // Ship From
  const [shipFromName, setShipFromName] = useState('')
  const [shipFromCompany, setShipFromCompany] = useState('')
  const [shipFromPhone, setShipFromPhone] = useState('')
  const [shipFromAddress, setShipFromAddress] = useState('')
  const [shipFromCity, setShipFromCity] = useState('')
  const [shipFromState, setShipFromState] = useState('')
  const [shipFromPostalCode, setShipFromPostalCode] = useState('')
  const [shipFromCountryCode, setShipFromCountryCode] = useState('US')
  const [shipFromResidential, setShipFromResidential] = useState('no')
```