

Building Dynamic Frontend Components For Marketplace:-

Built Components:

1. Product Listing Component:

- Dynamically fetch and display product data from Sanity CMS or API.

```
2. "use client"
3. import Image from "next/image"
4. import Link from "next/link"
5. import { useRouter } from "next/navigation"
6. import { useEffect, useState } from "react"
7. import { useCart, SelectedCar } from "@/app/context/cartCont"
8. import { Heart } from "lucide-react"
9. import { client } from "@/sanity/lib/client"
10.
11. // Define the Car interface based on Sanity schema
12. interface Car {
13.   _id: string
14.   name: string
15.   pricePerDay: number
16.   type: string
17.   fuelCapacity: number
18.   transmission: string
19.   seatingCapacity: number
20.   imageUrl: string
21. }
22.
23. // Define the params type
24. interface Params {
25.   params: {
26.     _id: string
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27. }
28. }
29.
30. // Fetch car details function
31. async function getServerSideProps(_id: string): Promise<Car> {
32.   const response = await client.fetch(
33.     `[_type == "car" && _id == $_id][0]{
34.       _id,
35.       name,
36.       pricePerDay,
37.       type,
38.       fuelCapacity,
39.       transmission,
40.       seatingCapacity,
41.       "imageUrl": image.asset->url
42.     }`,
43.     { _id },
44.   )
45.   return response
46. }
47.
48. export default function CarDetails({ params }: Params) {
49.   const { _id } = params
50.   const [car, setCar] = useState<Car | null>(null)
51.   const [isLoading, setIsLoading] = useState(true)
52.   const [error, setError] = useState<string | null>(null)
53.   const router = useRouter()
54.
55.   const { addToFavorites, removeFromFavorites, isFavorite, setSelectedCar }
= useCart()
56.
57.   useEffect(() => {
58.     async function fetchCarDetails() {
59.       try {
60.         const carData = await getServerSideProps(_id)
61.         setCar(carData)
62.         setIsLoading(false)
63.       } catch (err) {
64.         console.error("Error fetching car details:", err)
65.         setError("Failed to fetch car details. Please try again later.")

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66.     setIsLoading(false)
67.   }
68. }
69.
70.   fetchCarDetails()
71. }, [_id])
72.
73. const handleFavoriteToggle = () => {
74.   if (!car) return
75.   if (isFavorite(car._id)) {
76.     removeFromFavorites(car._id)
77.   } else {
78.     addToFavorites({
79.       id: car._id,
80.       title: car.name,
81.       price: car.pricePerDay,
82.     })
83.   }
84. }
85.
86. const handleRentClick = () => {
87.   if (car) {
88.     setSelectedCar({
89.       id: car._id,
90.       title: car.name,
91.       price: car.pricePerDay,
92.       images: [car.imageUrl],
93.       desc: car.type,
94.     })
95.     router.push("/cart")
96.   }
97. }
98.
99. if (isLoading) {
100.   return <div>Loading...</div>
101. }
102.
103. if (error || !car) {
104.   return (
105.     <div className="min-h-screen bg-gray-100">
106.       <main className="max-w-7xl mx-auto py-6 sm:px-6 lg:px-8">
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107.         <div className="max-w-5xl mx-auto p-8 bg-red-50 rounded-2xl
shadow-lg">
108.             <h2 className="text-2xl font-bold text-red-
600">Error</h2>
109.             <p className="mt-4 text-gray-700">
110.                 {error || "Sorry, we couldn't fetch the details for
this car. Please try again later."}
111.             </p>
112.             <Link href="/cars">
113.                 <button className="mt-6 bg-blue-500 hover:bg-blue-600
text-white py-2 px-4 rounded-lg text-sm font-semibold shadow-lg transition-all
duration-300">
114.                     Back to Car List
115.                 </button>
116.             </Link>
117.         </div>
118.     </main>
119.
120. </div>
121. )
122. }
123.
124. return (
125.     <div className="min-h-screen bg-gray-100">
126.         <main className="max-w-7xl mx-auto py-6 sm:px-6 lg:px-8">
127.             <div className="max-w-5xl mx-auto p-8 bg-gradient-to-br from-
white to-blue-50 rounded-2xl shadow-lg transition-shadow duration-300
hover:shadow-2xl">
128.                 <div className="flex flex-col lg:flex-row items-center
lg:items-start lg:gap-12">
129.                     {/* Car Image */}
130.                     <div className="w-full lg:w-1/2 group relative">
131.                         <div className="relative overflow-hidden rounded-xl
shadow-lg transition-transform duration-300 hover:scale-105">
132.                             <Image
133.                                 src={car.imageUrl || "/placeholder.svg"}
134.                                 alt={car.name}
135.                                 height={600}
136.                                 width={600}
137.                                 className="rounded-xl group-hover:brightness-110
group-hover:blur-0"

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138.         />
139.         {/* Subtle Overlay */}
140.         <div className="absolute inset-0 bg-gradient-to-t
from-black/20 to-transparent opacity-0 group-hover:opacity-100 transition-
opacity duration-300"></div>
141.         {/* Floating Badge */}
142.         <span className="absolute top-4 left-4 bg-blue-500
text-white text-sm font-semibold py-1 px-3 rounded-full shadow-md">
143.             Hot Deal
144.         </span>
145.     </div>
146.     {/* Favorite Heart Icon */}
147.     <button
148.         onClick={handleFavoriteToggle}
149.         className="absolute top-4 right-4 z-10 p-2 bg-white
rounded-full shadow-md transition-colors duration-300"
150.     >
151.         <Heart className={`w-6 h-6 ${isFavorite(car._id) ?
"fill-red-500 text-red-500" : "text-gray-400"}`} />
152.     </button>
153. </div>
154. {/* Car Details */}
155. <div className="w-full lg:w-1/2 text-center lg:text-
left">
156.     <h2 className="text-4xl font-bold text-gray-800 mt-6
lg:mt-0 transition-colors duration-300 hover:text-blue-600">
157.         {car.name}
158.     </h2>
159.
160.     <div className="mt-6 space-y-4 text-lg">
161.         <p className="flex items-center gap-3">
162.             <span className="font-semibold text-gray-800">Price
per Day:</span>
163.             <span className="bg-blue-100 text-blue-600 font-
bold py-1 px-3 rounded-lg shadow-sm">
164.                 ${car.pricePerDay}
165.             </span>
166.         </p>
167.         <p className="text-gray-700">
168.             <span className="font-semibold text-gray-800">Type:
</span>

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169.         {car.type}
170.     </p>
171.     <p className="text-gray-700">
172.         <span className="font-semibold text-gray-
800">Transmission: </span>
173.         {car.transmission}
174.     </p>
175.     <p className="text-gray-700">
176.         <span className="font-semibold text-gray-
800">Seating Capacity: </span>
177.         {car.seatingCapacity}
178.     </p>
179.     <p className="text-gray-700">
180.         <span className="font-semibold text-gray-800">Fuel
Capacity: </span>
181.         {car.fuelCapacity} L
182.     </p>
183. </div>
184. </div>
185. </div>
186.
187. { /* Rent Now Button */}
188. <div className="flex justify-center lg:justify-start mt-
10">
189.     <button
190.         onClick={handleRentClick}
191.         className="bg-green-500 hover:bg-green-600 text-white
py-3 px-8 rounded-lg text-lg font-semibold shadow-lg transition-all duration-
300 transform hover:-translate-y-1 hover:shadow-xl focus:outline-none
focus:ring-4 focus:ring-green-300"
192.     >
193.         Rent Now
194.     </button>
195. </div>
196. </div>
197. </main>
198. </div>
199. )
200. }
201.

```



r Rental

Search cars...


Q

Notifications

Favorites1

Cart1

Hot Deal



Hot Deal

Nissan GT-R

Price per Day: **\$S80.00**

Type: Sport

Transmission: Manual


Seating Capacity: 2 People

Fuel Capacity: 80L L

Rent Now

- Provide an "Add to Cart" button with functionality.

Hot Deal



Hot Deal

Nissan Altima

Price per Day: **\$S90.00/day**

Type: Hybrid

Transmission: Manual

Seating Capacity: 5 seats

Fuel Capacity: 50L L

Rent Now

Your Cart



Pick-up Date & Time

07/06/56453 04:53 PM

Drop-off Date & Time

03/04/53452 03:42 PM

Location

gghghgh

Full Name

uiuiuiuiui

Email

ua6581346@gmail.com

Phone

uiuiuiui

(\$\$80.00 per day for NaN days)

Cancel

Add to Cart

Your Cart

Daily Rate: \$\$80.00

Number of Days: NaN

Pick-up: Invalid Date

Drop-off: Invalid Date

Location: gghghgh

Name: uiuiuiuiui

Email: rarain@897gmail.com

Phone: 655544

Remove from Cart

Checkout

Review Your Order

Nissan GT-R
Daily Rate: \$\$80.00
Number of Days: 2
Total Price: \$NaN
Pick-up: 1/26/2025, 7:08:00 PM
Drop-off: 1/28/2025, 2:35:00 PM
Location: karachi