

# HACKATHON 3

DAY 4 DAYNAMIC FRONTEND COMPONENTS

# Searchbar

A search bar on a rent-a-car website offers users quick and easy access to relevant cars, saving time by letting them search directly for specific models, locations, or features. It enhances user experience with filter-based options for tailored results, simplifies navigation, and supports mobile-friendly usage. By providing instant results, it improves decision-making and encourages engagement, making it easier for users to find and book the perfect car efficiently.

MORENT



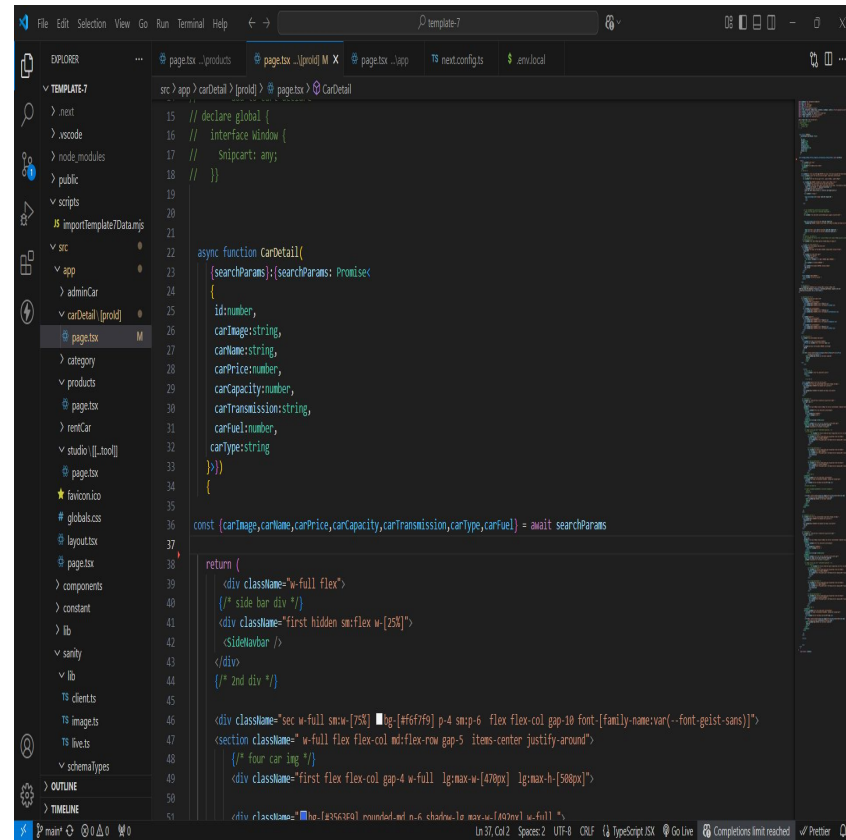
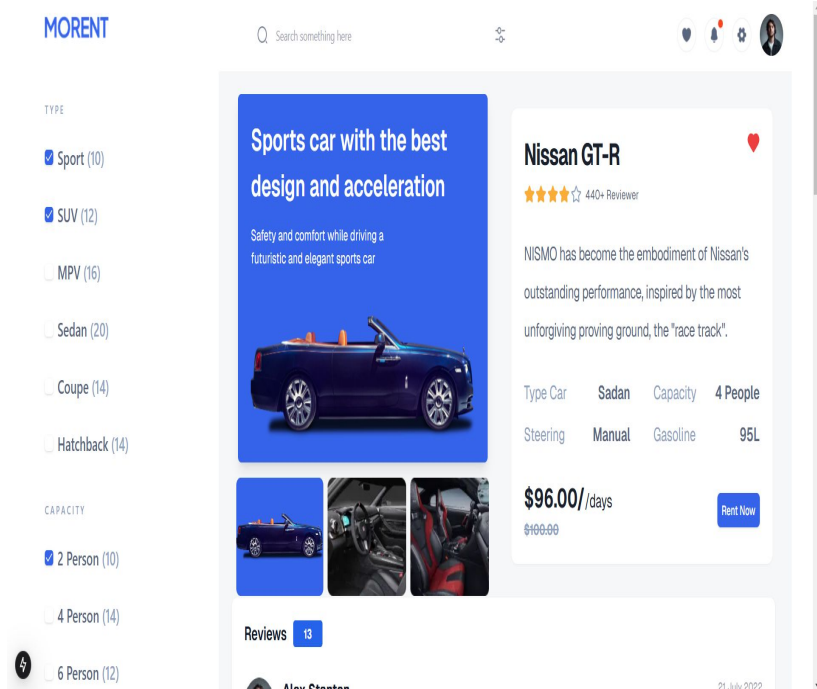
Search something here



# DYNAMIC ROUTING

Dynamic routing enables users to access personalized content by fetching data specific to their requests in real time. For instance, on a rent-a-car website, dynamic content such as car details, pricing, or availability is fetched from a database and displayed instantly based on user actions. This ensures users receive accurate and relevant information without unnecessary delays, improving navigation and overall experience.

# Dynamic-page-1



# Dynamic-page-2

MORENT

Search something here

Billing Info

Please enter your billing info

Step 1 of 4

Name

Your Name

Phone Number

Your Phone Number

Address

Your Address

Town/City

Your City

Rental Info

Please select your rental date

Step 2 of 4

Pick - Up

Locations

Select your city

Date

Select your date

Rental Summary

Prices may change depending on the length of the rental and the price of your rental car.

Rolls-Royce

440+ Reviewer

Subtotal

\$96.00/

Tax

\$0

Enter promo code

Apply now

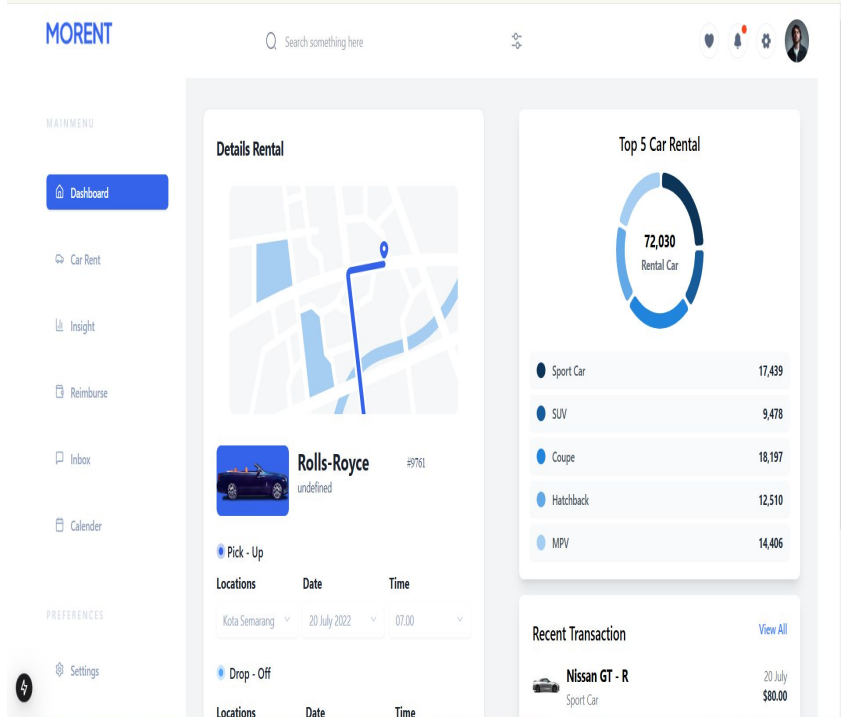
Total Rental Price

\$96.00/

Overall price and includes rental discount

[illegible]

# Dynamic-page-3



The screenshot shows a code editor with the AdminCar component. The component is a functional component that receives search parameters and returns a JSX element. It uses the useState hook to manage the search parameters and the useEffect hook to fetch data from an API. The component is styled with Tailwind CSS and includes a sidebar and a main content area.

```
import React, { useState, useEffect } from 'react';
import { useRouter } from 'next/router';
import { useSearchParams } from 'next/navigation';
import { Card, CardContent, CardHeader, CardTitle } from '@components/ui/card';
import { Select, SelectContent, SelectItem, SelectTrigger, SelectValue } from '@components/ui/select';
import React from 'react';
import Image from 'next/image';

export default function AdminCar() {
  const router = useRouter();
  const searchParams = useSearchParams();
  const [searchParams, setSearchParams] = useState({});

  const { id, category, products, rentCar, studio } = searchParams;

  const [carImage, carName, carPrice, carType] = await searchParams;

  return (
    <div className="flex flex-col lg:flex-row bg-gray-100 min-h-screen">
      <div className="hidden lg:block">
        <Sidebar />
      </div>
      <div>
        <MainContent />
      </div>
    </div>
  );
}
```



# Comment Section

The **Comment Section** is a vital feature of our project, allowing users to share their opinions, feedback, or questions about the services. It fosters engagement and builds a sense of community by enabling open communication. This section also helps businesses gather valuable insights from users, improving services based on customer feedback. With a user-friendly interface and moderation tools, the comment section ensures meaningful interactions while maintaining a positive environment.

☐ 4 Person (14)

☐ 6 Person (12)

☒ 8 or More (16)

PRICE



Max. \$100.00

User

Add your comments here ...



Orhan • Verified



asdghghjk

Popular Car

[View All](#)

Koenigsegg



Sport



Nissan GT - R



Sport



Rolls-Royce



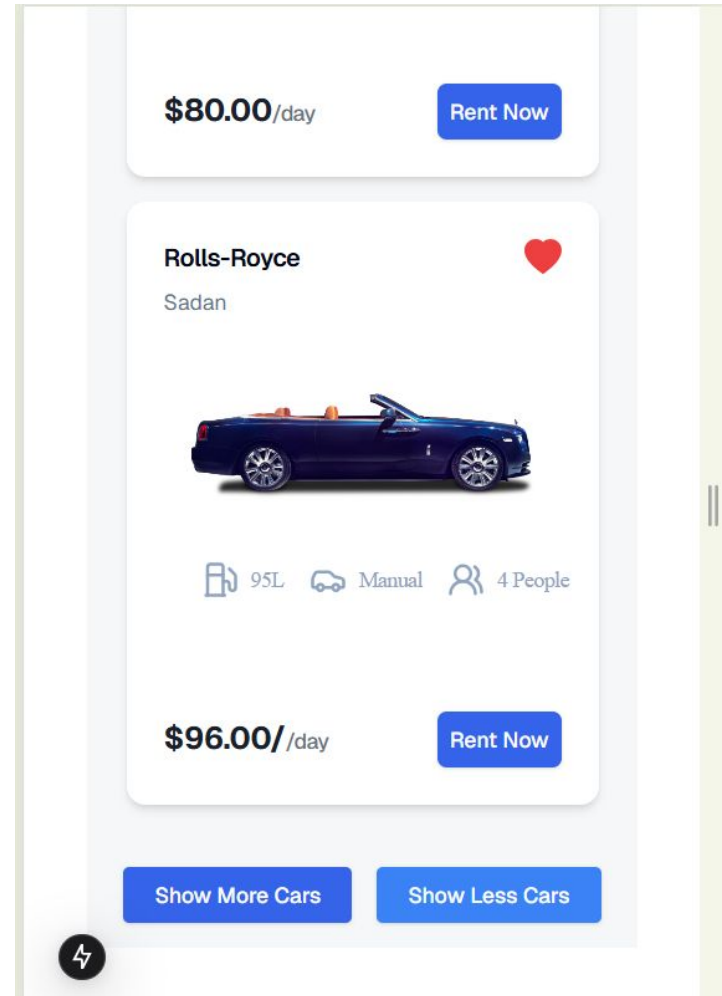
Sedan





## Fully Responsive All Devices

Our project is fully responsive, designed to deliver a seamless user experience across all devices. Whether you're using a smartphone, tablet, laptop, or desktop, the layout adjusts perfectly to fit your screen size. This ensures accessibility and ease of use for everyone, regardless of the device they prefer. By prioritizing responsiveness, we enhance user satisfaction and make our platform more versatile for a broader audience.





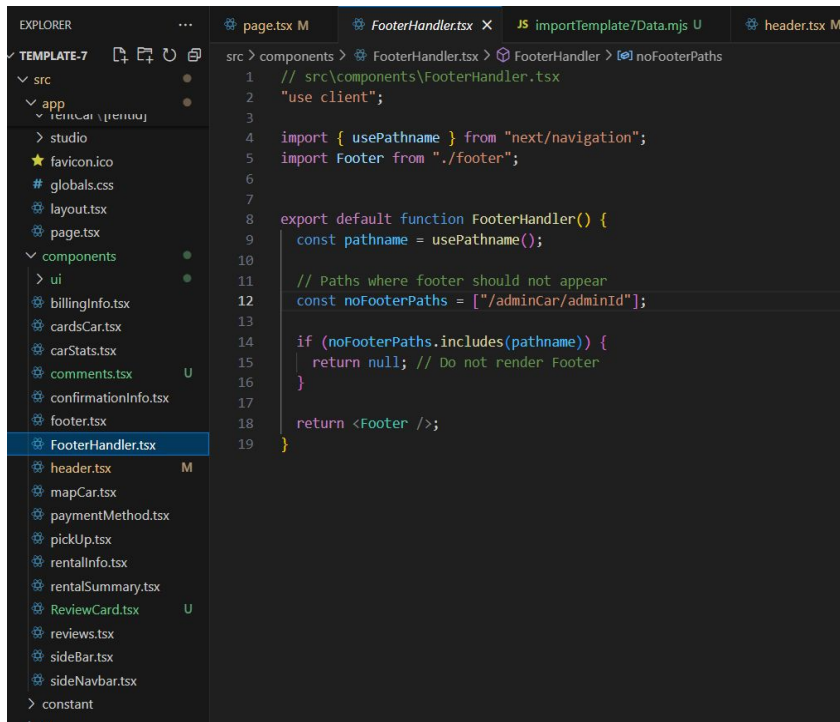
## Header Components

In our project, we created a reusable header component that is imported into the layout of every page. This ensures consistency and a streamlined design across the entire website. By centralizing the header in one component, any updates or changes are automatically reflected on all pages, saving time and effort in maintenance. This approach improves efficiency and ensures a cohesive user experience throughout the site.

```
18 export const metadata: Metadata = {
19   description: "Generated by Mrs Asif",
20   icons: {
21     icon: "/favicon.ico",
22   },
23 };
24
25 export default function RootLayout({
26   children,
27 }: Readonly<{
28   children: React.ReactNode;
29 }>) {
30   return (
31     <html lang="en">
32       <head>
33         <link
34           rel="stylesheet"
35           href="https://cdn.snipcart.com/themes/v3.2.0/default/snipcart.css"
36         />
37       </head>
38       <body
39         className={`${geistSans.variable} ${geistMono.variable} antialiased`
40       >
41         <Script
42           src="https://cdn.snipcart.com/themes/v3.2.0/default/snipcart.js"
43           strategy="afterInteractive" />
44         <div hidden_id="snipcart" data-api-key=process.env.
45           NEXT_PUBLIC_SNIPCAR_API_KEY data-config-modal-style="none"></div>
46         <Header />
47         {children}
48       </body>
49     </html>
50   );
51 }
52 }
```

# Footer Components

We created a footer component along with a footer handler that controls where the footer is displayed or hidden. This handler allows us to easily manage the visibility of the footer on different pages. By importing this footer component into the layout, we ensure it is reused consistently across the site, while providing flexibility to show or hide it as needed. This approach simplifies the design and ensures a seamless user experience.



```
1 // src/components/FooterHandler.tsx
2 "use client";
3
4 import { usePathname } from "next/navigation";
5 import Footer from "../footer";
6
7
8 export default function FooterHandler() {
9   const pathname = usePathname();
10
11   // Paths where footer should not appear
12   const noFooterPaths = ["/adminCar/adminId"];
13
14   if (noFooterPaths.includes(pathname)) {
15     return null; // Do not render Footer
16   }
17
18   return <Footer />;
19 }
```