

A yellow triangle graphic pointing towards the top-left corner of the slide.

MORENT

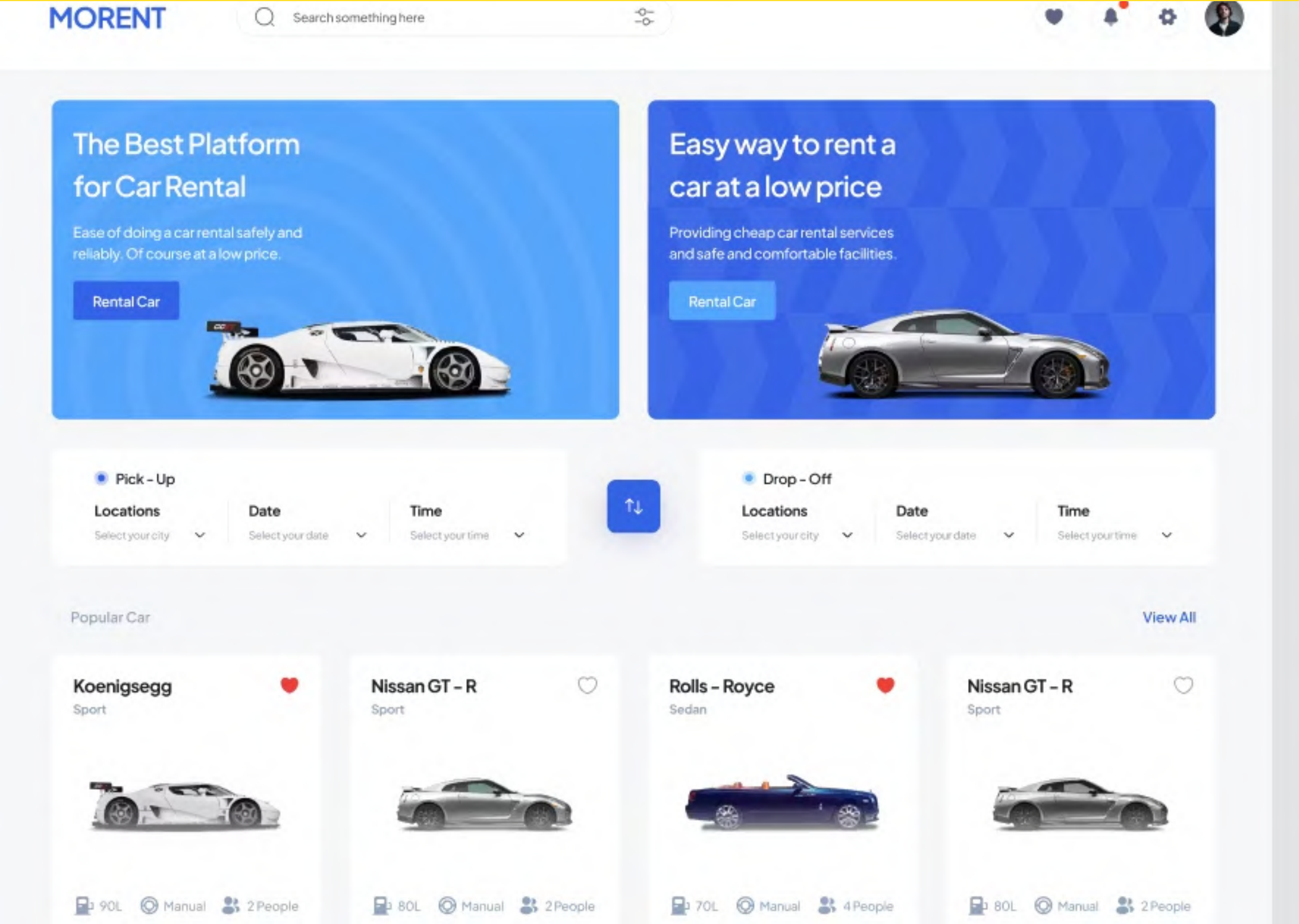
Rental –E– Commerce Website

Problem Statement:

Renting a car can be a time-consuming and frustrating process due to **limited online availability, lack of transparent pricing, inefficient search functionality, and complex booking procedures**. Customers often struggle to find rental cars that match their specific requirements, such as budget, type, or location, without navigating through multiple platforms or manually contacting providers.



Solution: Morent



Company
Morent

February 2025

Key Features

**User Friendly
Interface**

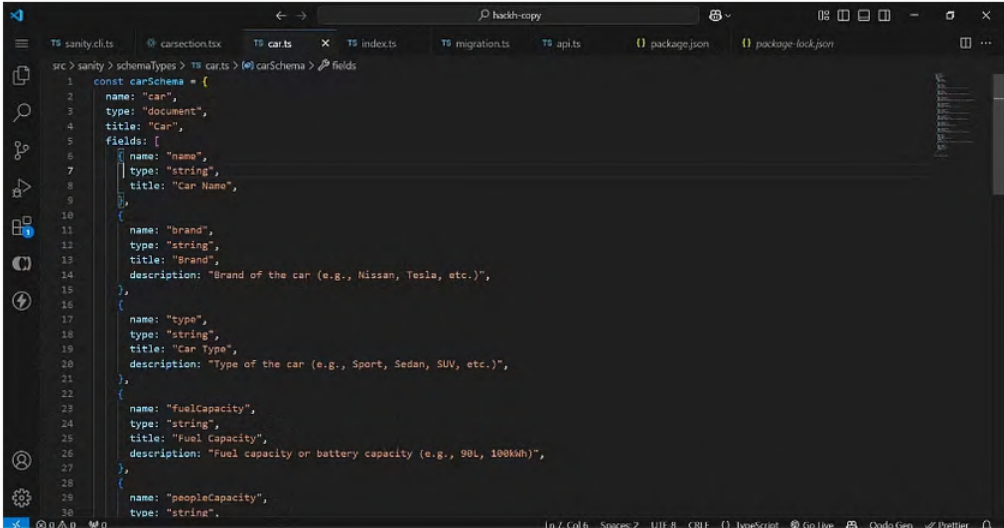
**Fast And
Responsive**

**Secure
Payment
Method**

**Booking And
Checkout**

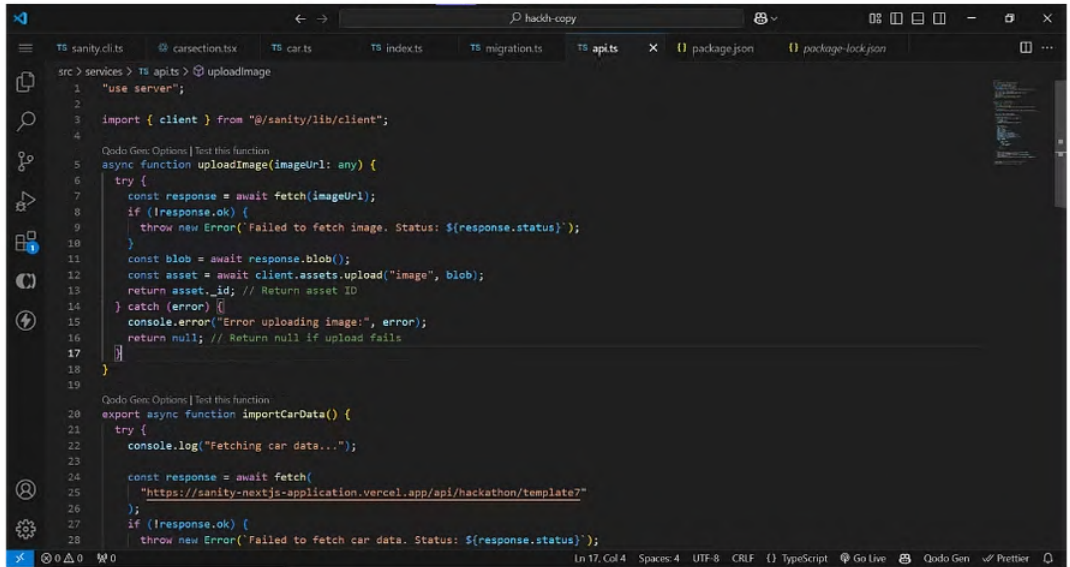
Importing Data From Backend

SCHEMA SEETING



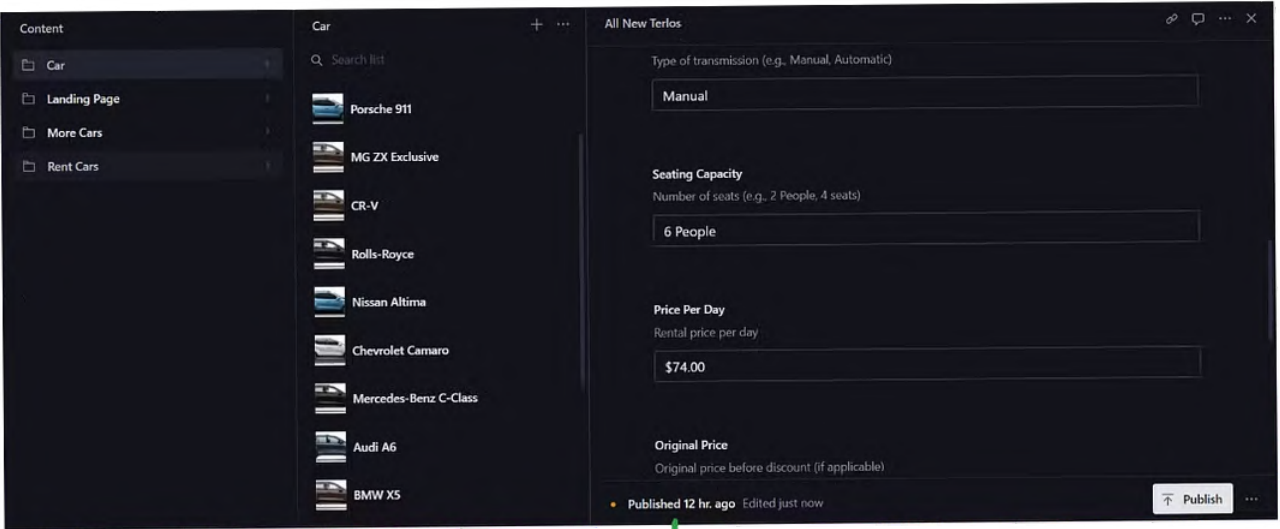
```
src > sanity > schemaTypes > TS cars > carSchema > fields
1 const carSchema = {
2   name: "car",
3   type: "document",
4   title: "Car",
5   fields: [
6     {
7       name: "name",
8       type: "string",
9       title: "Car Name",
10    },
11    {
12      name: "brand",
13      type: "string",
14      title: "Brand",
15      description: "Brand of the car (e.g., Nissan, Tesla, etc.)",
16    },
17    {
18      name: "type",
19      type: "string",
20      title: "Car Type",
21      description: "Type of the car (e.g., Sport, Sedan, SUV, etc.)",
22    },
23    {
24      name: "fuelCapacity",
25      type: "string",
26      title: "Fuel Capacity",
27      description: "Fuel capacity or battery capacity (e.g., 90L, 100kWh)",
28    },
29    {
30      name: "peopleCapacity",
31      type: "string",
32    },
33  ],
34}
```

INTEGRATEING
PROVIDED API

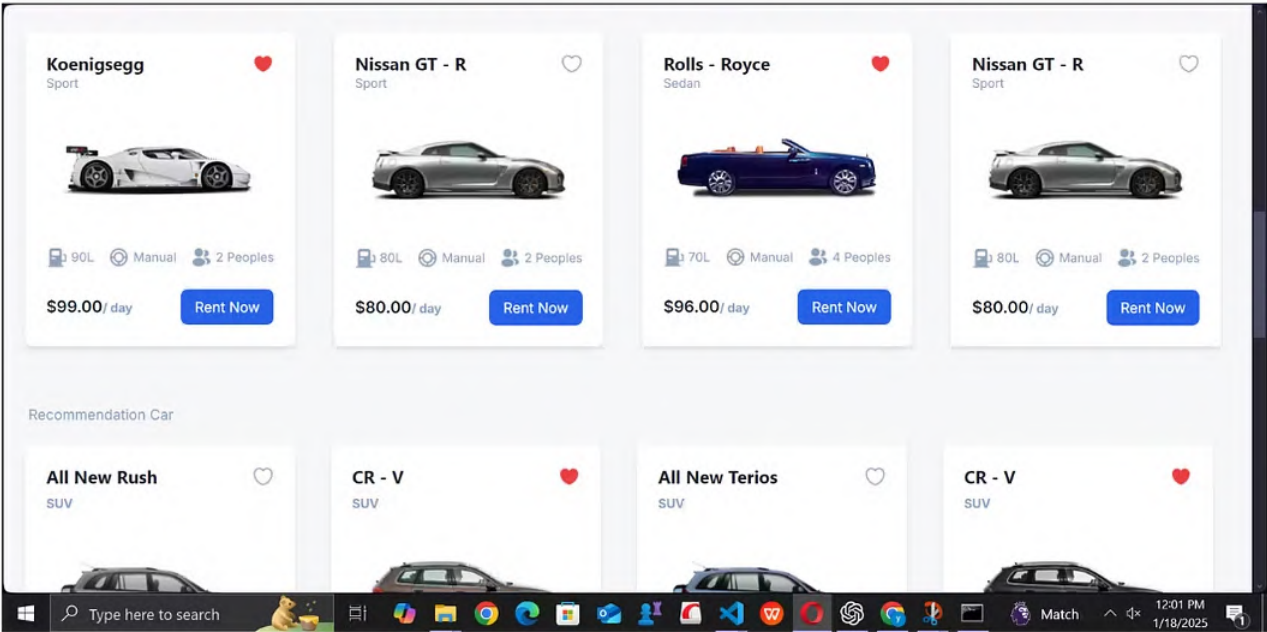


```
src > services > TS apis > uploadImage
1 "use server";
2
3 import { client } from "@sanity/lib/client";
4
5 Qodo Gen: Options | Test this function
6 async function uploadImage(imageUrl: any) {
7   try {
8     const response = await fetch(imageUrl);
9     if (!response.ok) {
10       throw new Error("Failed to fetch image. Status: ${response.status}");
11     }
12     const blob = await response.blob();
13     const asset = await client.assets.upload("image", blob);
14     return asset.id; // Return asset ID
15   } catch (error) {
16     console.error("Error uploading image:", error);
17     return null; // Return null if upload fails
18   }
19 }
20
21 Qodo Gen: Options | Test this function
22 export async function importCarData() {
23   try {
24     console.log("Fetching car data...");
25     const response = await fetch(
26       "https://sanity-nextjs-application.vercel.app/api/hackathon/template?"
27     );
28     if (!response.ok) {
29       throw new Error("Failed to fetch car data. Status: ${response.status}");
30     }
31   }
32 }
```

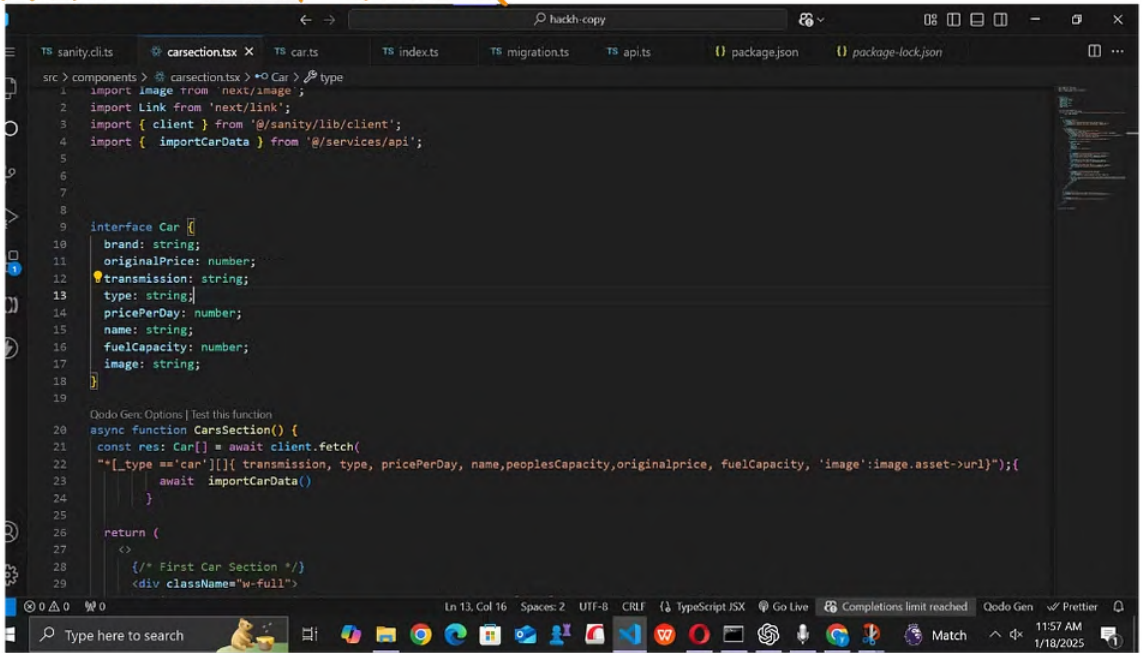
FETCHED DATA IN SANITY



DATA SUCCESSFULLY SHOWN ON BROWSER



FETCHING DATA IN
PAGE WITH GROQ



```
src > components > carSection.tsx > Car > type
1 import Image from 'next/image';
2 import Link from 'next/link';
3 import { client } from '@sanity/lib/client';
4 import { importCarData } from '@services/api';
5
6
7
8
9 interface Car {
10   brand: string;
11   originalPrice: number;
12   transmission: string;
13   type: string;
14   pricePerDay: number;
15   name: string;
16   fuelCapacity: number;
17   image: string;
18 }
19
20 Qodo Gen: Options | Test this function
21 async function CarSection() {
22   const res: Car[] = await client.fetch(
23     `*[_type == 'car']{ ${transmission}, type, pricePerDay, name, peoplesCapacity, originalprice, fuelCapacity, 'image':image.asset->url }`;
24     await importCarData()
25   );
26   return (
27     <div className="w-full">
28
29
```

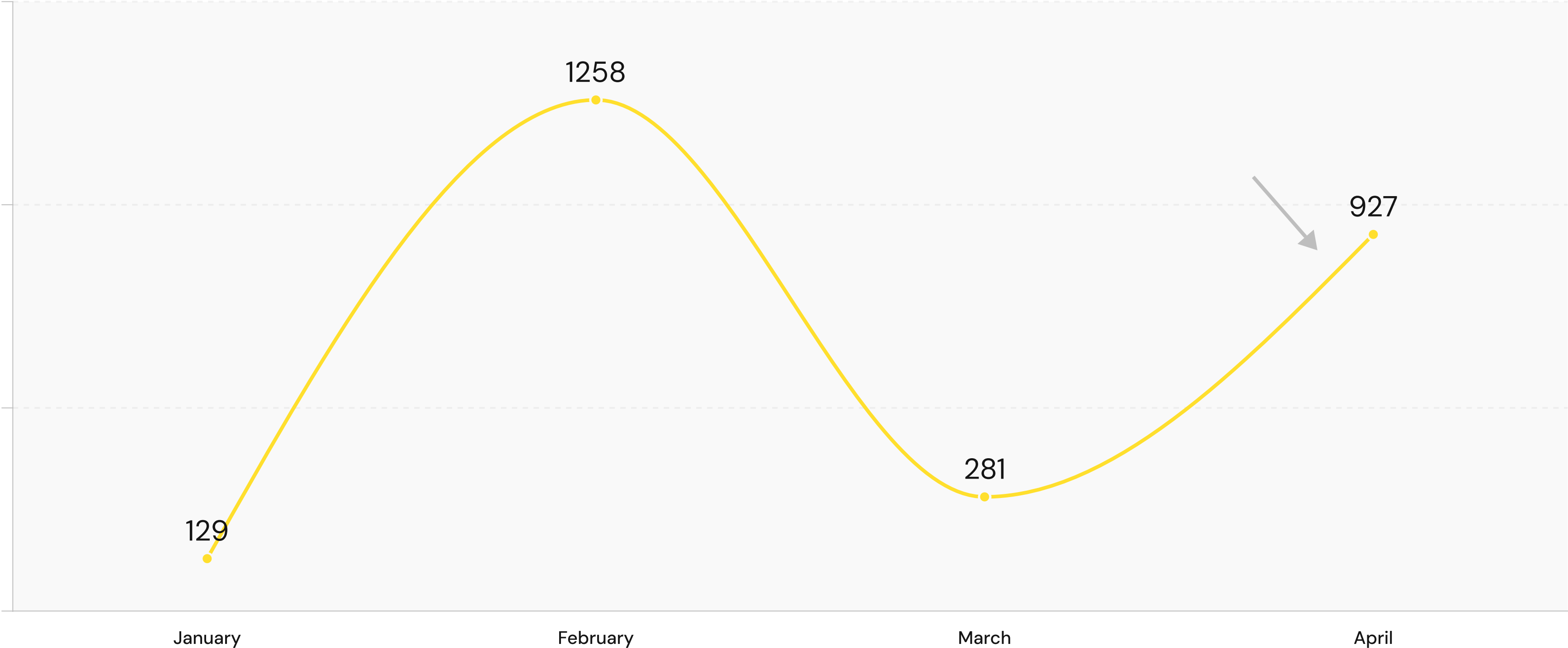
Target Audience for Rent-a-Car Website

1. **Travelers & Tourists** – Need short-term car rentals for vacations, business trips, or city tours.
2. **Local Commuters** – Individuals who need a temporary car for daily use, special events, or emergencies.
3. **Corporate Clients** – Businesses looking for rental cars for employees, meetings, or client transportation.
4. **Event Planners** – Need luxury or bulk car rentals for weddings, conferences, or special events.
5. **Car Rental Businesses** – Owners who want an easy platform to manage bookings, track availability, and attract more customers.
6. **Rideshare & Delivery Drivers** – Individuals needing rental cars for Uber, Lyft, or delivery services like Uber Eats.

Technology Stack



Customers Growth Journey of 2024



Conclusion

Our **Rent-a-Car platform** is a **revolutionary solution** that transforms the way people rent cars. With a **seamless, fast, and hassle-free booking experience**, we eliminate the frustration of searching for the perfect rental. Designed for **convenience and efficiency**, our platform offers **real-time search, instant bookings, and easy fleet management** for businesses. Whether it's for travelers, daily commuters, or corporate clients, we provide a **smooth, transparent, and reliable** car rental experience. **Smart, simple, and efficient—this is the future of car rentals!**



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Thank you

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