



# "DAY 3 - API INTEGRATION REPORT MORENT RENTAL CAR

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# API integration process.

TitleAPI integration involves connecting applications by enabling them to communicate and exchange data using defined endpoints. This process typically includes sending requests, handling responses, and ensuring seamless interaction between systems. Lorem Ipsum

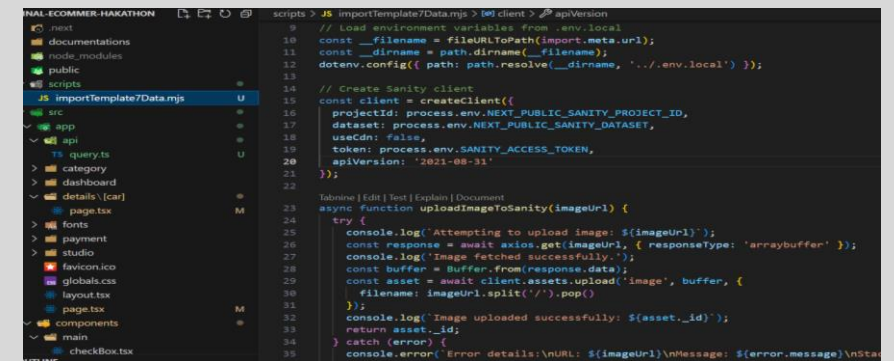
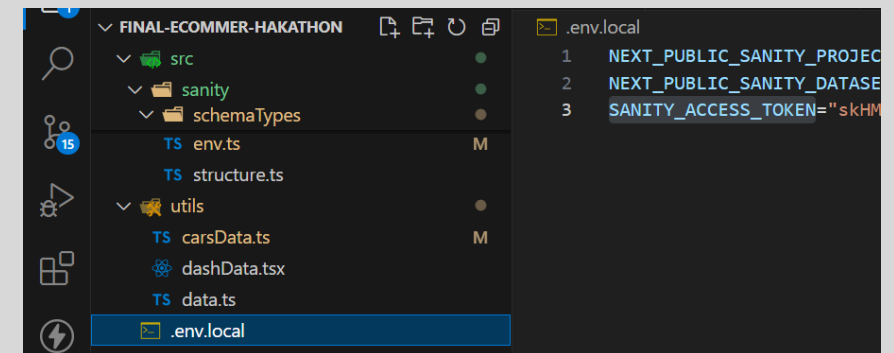
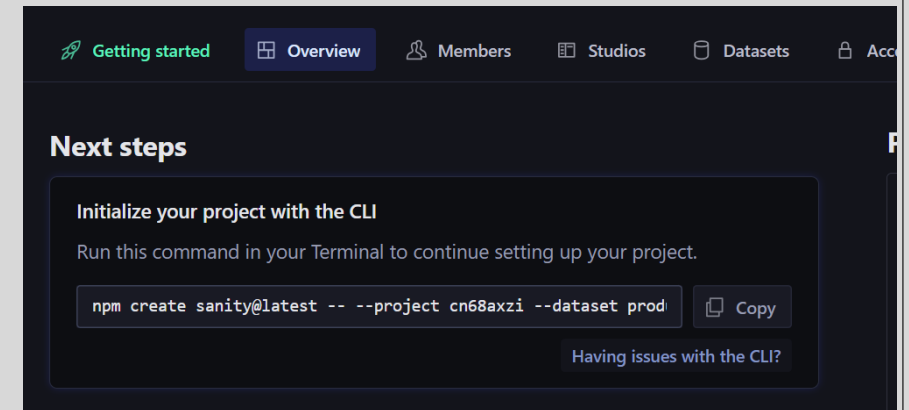
```
64
65  const res = await client.fetch([
66    `*[_type=="car" && (!defined($categories) || category->name in $categories)] {
67      _id,
68      name,
69      brand,
70      type,
71      fuelCapacity,
72      transmission,
73      seatingCapacity,
74      pricePerDay,
75      slug,
76      originalPrice,
77      tags,
78      image
79    }`
```

# Implementation

Create sanity project and integrate with you Nextjs project

Create new API token and set into your .env.local

Script to migrate data from API to Sanity



# Adjustments made to schemas

## Key Adjustments Needed:

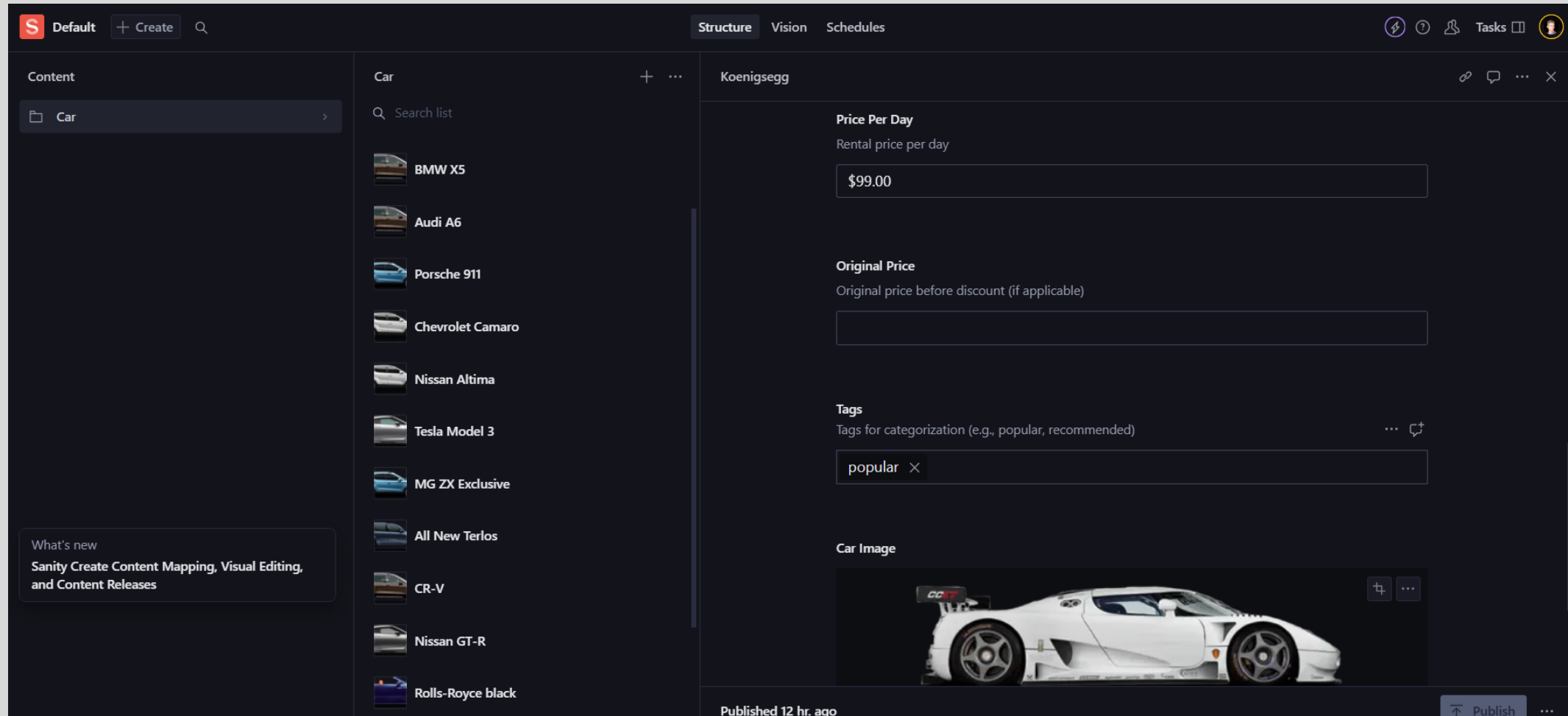
### 1. Field Additions:

- Add new fields like tags, fuelCapacity, pricePerDay, and originalPrice from the updated schema to the old one.
- Retain all unique fields from the old schema (engineCapacity, category) in the new schema.

```
export const Cars = defineType({
  name: 'car',
  type: 'document',
  title: 'Car',
  fields: [
    defineField({
      {
        name: 'name',
        type: 'string',
        title: 'Car Name',
      },
    ),
    defineField({
      name: "slug",
      type: 'slug',
      title: "Slug",
      description: 'The slug of the car',
      options: {
        source: 'name',
        maxLength: 96,
      }
    }),
    defineField({
      {
        name: 'brand',
        type: 'string',
        title: 'Brand',
        description: 'Brand of the car (e.g., Nissan, Tesla, etc.)',
      },
    ),
  ],
})
```

# Data successfully migrated in SANITY.









## Data displayed successfully on SANITY dashboard





# Data successfully displayed in the frontend.

## Data displayed successfully on frontend

<div><div><div>Audi A6</div><div>Hybrid</div><div></div><div><div>50L</div><div>Manual</div><div>5 seats Persons</div></div><div><div>\$120.00/day</div><div>Rent Now</div></div></div></div>	<div><div><div>Porsche 911</div><div>Gasoline</div><div></div><div><div>60L</div><div>Manual</div><div>4 seats Persons</div></div><div><div>\$200.00/day</div><div>Rent Now</div></div></div></div>	<div><div><div>Chevrolet Camaro</div><div>Gasoline</div><div></div><div><div>70L</div><div>Manual</div><div>4 seats Persons</div></div><div><div>\$110.00/day</div><div>Rent Now</div></div></div></div>	<div><div><div>All New Terlos</div><div>SUV</div><div></div><div><div>90L</div><div>Manual</div><div>6 People Persons</div></div><div><div>\$74.00/day</div><div>Rent Now</div></div></div></div>
<div><div><div>MG ZX Exclusive</div><div>Hatchback</div><div></div><div><div>90L</div><div>Manual</div><div>2 People Persons</div></div><div><div>\$99.00/day</div><div>Rent Now</div></div></div></div>	<div><div><div>Koenigsegg</div><div>Sport</div><div></div><div><div>90L</div><div>Manual</div><div>2 People Persons</div></div><div><div>\$99.00/day</div><div>Rent Now</div></div></div></div>	<div><div><div>Rolls-Royce</div><div>Sedan</div><div></div><div><div>70L</div><div>Manual</div><div>4 People Persons</div></div><div><div>\$96.00/day</div><div>Rent Now</div></div></div></div>	<div><div><div>Ford Mustang</div><div>Gasoline</div><div></div><div><div>60L</div><div>Manual</div><div>4 seats Persons</div></div><div><div>\$80.00/day</div><div>Rent Now</div></div></div></div>