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HACKATHON DAY 3: SETTING UP SANITY & MIGRATING DATA

Today was all about getting the backend up and running for my car rental marketplace using **Sanity**. Since I'm building this project with **Next.js**, I needed a structured way to manage and fetch dynamic content. Sanity seemed like the perfect fit!

INSTALLING SANITY IN MY NEXT.JS PROJECT

The first task of the day was installing **Sanity** and setting up the backend. I ran the required installation commands, initialized the project, and configured the Sanity dashboard. The setup was pretty smooth, and I was excited to integrate it with my frontend.

CREATING A SCRIPT FOR DATA MIGRATION

Once the backend was in place, I needed a way to migrate some initial data into Sanity. To do this, I created a **scripts** folder inside my project. Within that folder, I added a file dedicated to **data migration**. This file would help in seeding the database with sample car listings, making it easier to test the functionalities later.

DEFINING THE SCHEMA

: `CAR.TS`

Next, I moved on to defining the structure for the **car rental listings**. I created a new schema file named `car.ts`, where I outlined key fields like:

Car Name (e.g., Toyota Corolla, Tesla Model 3)

Price Per Day

Availability Status

Image URL

Car Type (SUV, Sedan, etc.)

Location

This schema would act as the blueprint for all car listings in the marketplace.

FETCHING DATA FROM SANITY

With the schema set, I moved on to the final step—**fetching data from Sanity**. I wrote a function to retrieve car listings from the Sanity backend and display them on the frontend. Seeing the data appear dynamically in my Next.js project was super satisfying!

REFLECTION

Today was a productive day! Setting up Sanity took some time, but it's worth it because now I have a solid backend to manage content efficiently. Tomorrow, I'll focus on refining the UI and making the frontend more interactive.