Hackathon Day 4: Rental Car Marketplace Template :

🚀 Hackathon Day 4 Completed: Template 7 Task Completed! 🚗

I'm excited to share that I've successfully completed **Day 4** of the hackathon for **Template 0**7 Here's what I've accomplished:

🚀 My Latest Project: A Dynamic Rental Car Marketplace Built with Next.js! 🚗

After putting in significant effort, I'm thrilled to share that I've created a **dynamic rental car marketplace** website using **Next.js**, **TypeScript**, and **Sanity CMS**. This is a complete website template designed for car rentals that allows for dynamic content management and a smooth user experience, featuring essential functionalities like:

Key Features:

🔷 **Home Page**: A clean, user-friendly landing page displaying featured rental cars, promotional offers, and the best deals.
🔷 **Car Listings Page**: A filterable page where users can browse rental cars by categories (SUVs, Sedans, etc.), availability, and price.
🔷 **Car Detail Page**: Users can view detailed information about each car, including features, pricing, images, and availability.
🔷 **Cart & Rent Process**: A functional cart system that allows users to manage their rentals before confirming.
🔷 **User Profile & Order Tracking**: Users can manage their profiles, save rental preferences, and track their bookings.
🔷 **Admin Dashboard**: An interface for admin users to manage car listings, view bookings, and monitor car availability.
🔷 **Analytics Dashboard**: Display key performance indicators (KPIs) for the rental business like total rentals, popular cars, etc.
🔷 **Contact Page**: A page for users to get in touch with customer support for queries.

Technologies Used:

- **Frontend**:
    - **Next.js**: For building a fast, dynamic, and scalable car rental marketplace.

- **HTML, CSS, and TypeScript**: For structure, styling, and interactivity.
- **React.js**: For reusable components like car listings, car detail pages, and more.
- **Sanity CMS**: To dynamically manage car listings, categories, and availability.
- **Tailwind CSS**: For responsive, modern, and utility-first styling.
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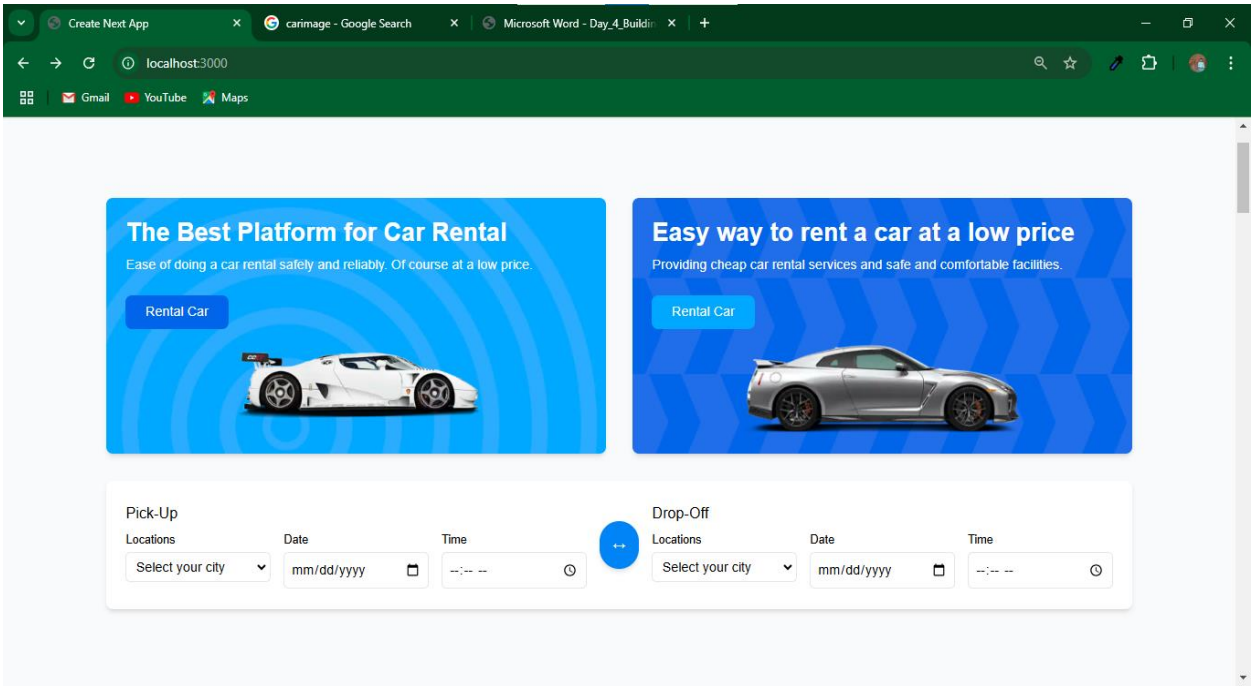
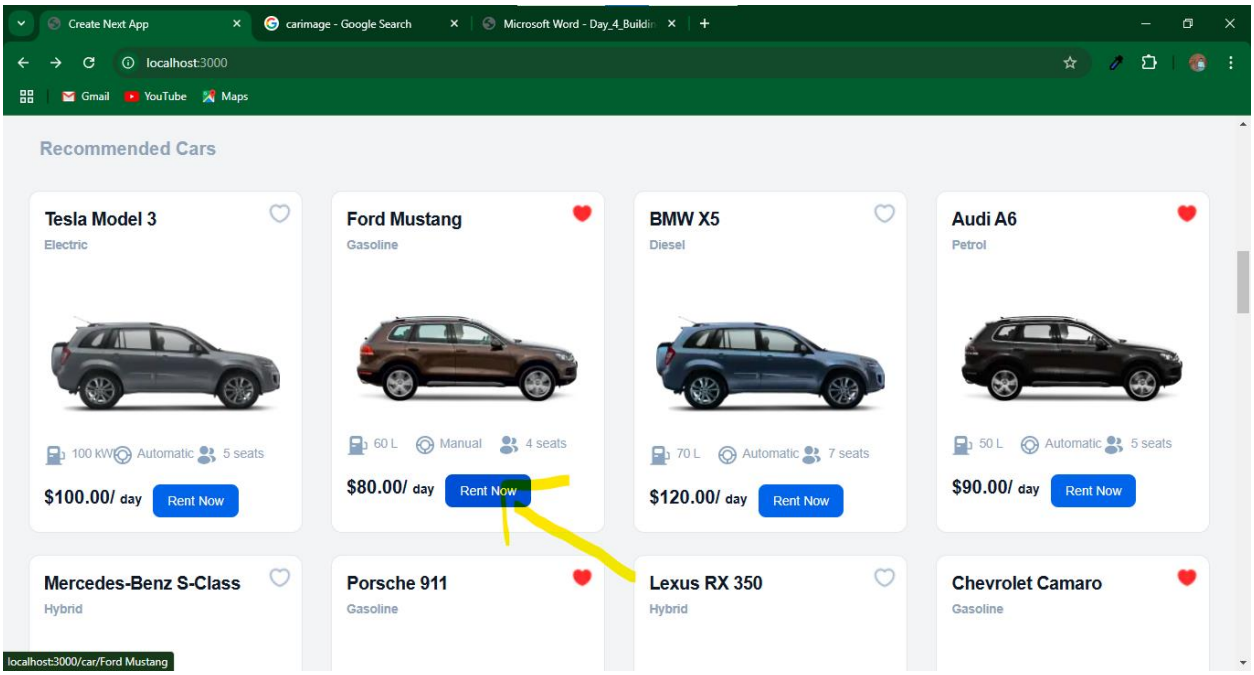
Updated Project Features for Rental Car Marketplace:

1. **Home Page**:

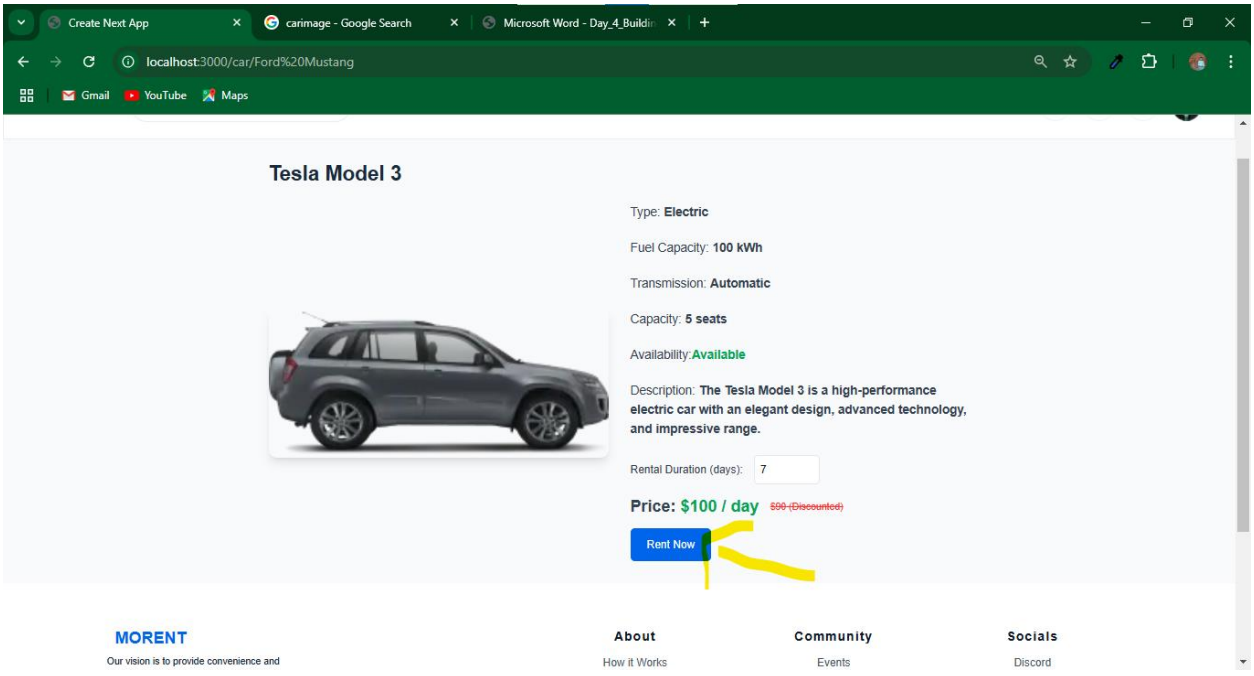
   A stylish landing page showcasing featured cars, the latest deals, and promotional offers for rentals. It dynamically loads the most popular rental cars and offers easy navigation to the main categories.



Recommended Car Listing Page:
A page where users can browse through cars available for rent. It features category-based filtering like SUVs, Sedans, Trucks, etc., along with sorting by price and rental duration.

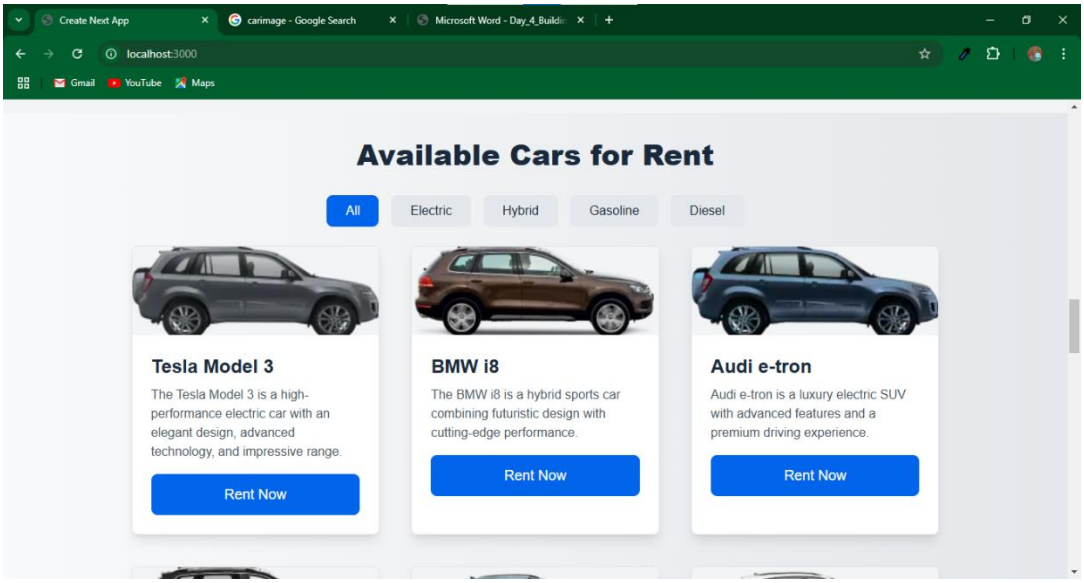


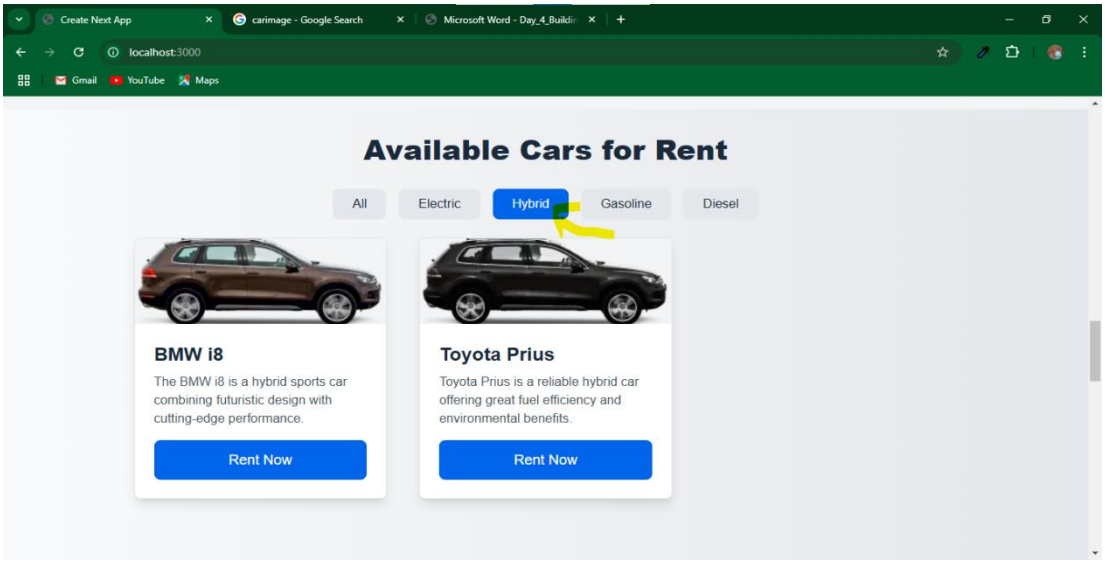
Car Detail Component:
A detailed page for each car, showing specifications, pricing, features, images, and availability status.



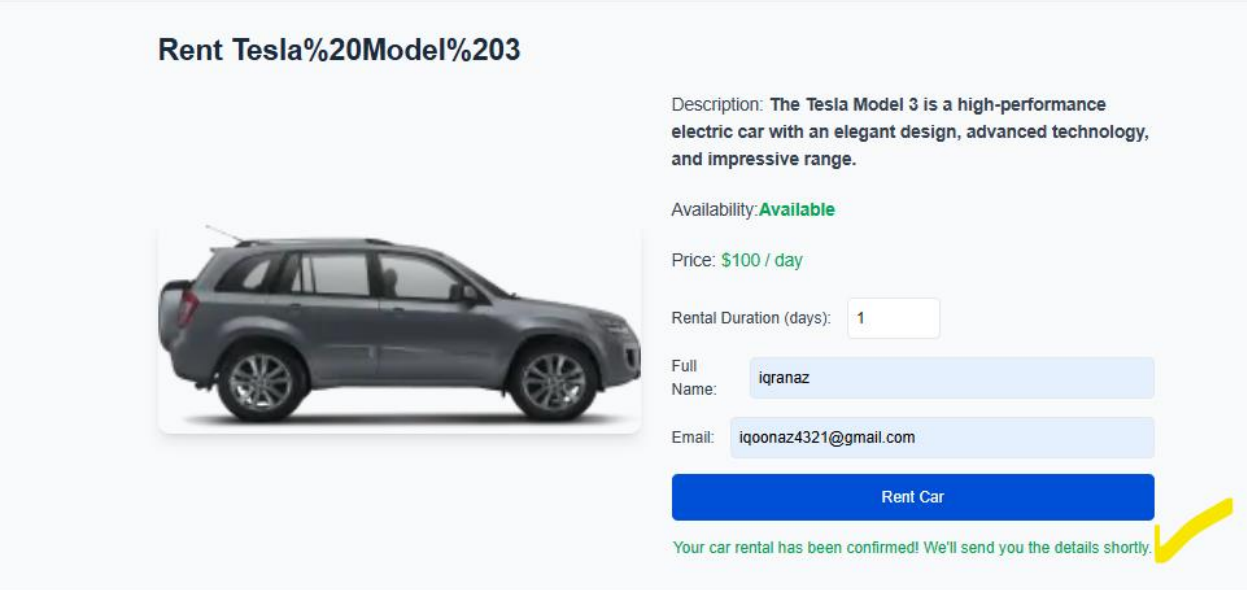
Category Component:

A filterable list of car categories (e.g., SUVs, Sedans, etc.), helping users quickly find what they're looking for.

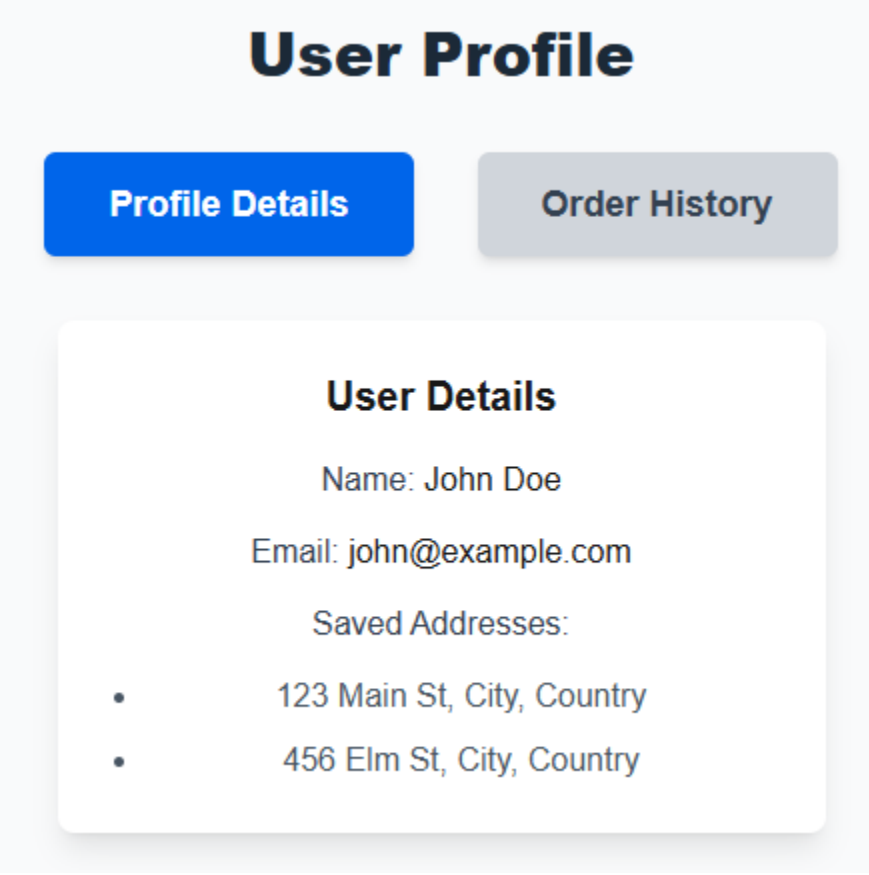


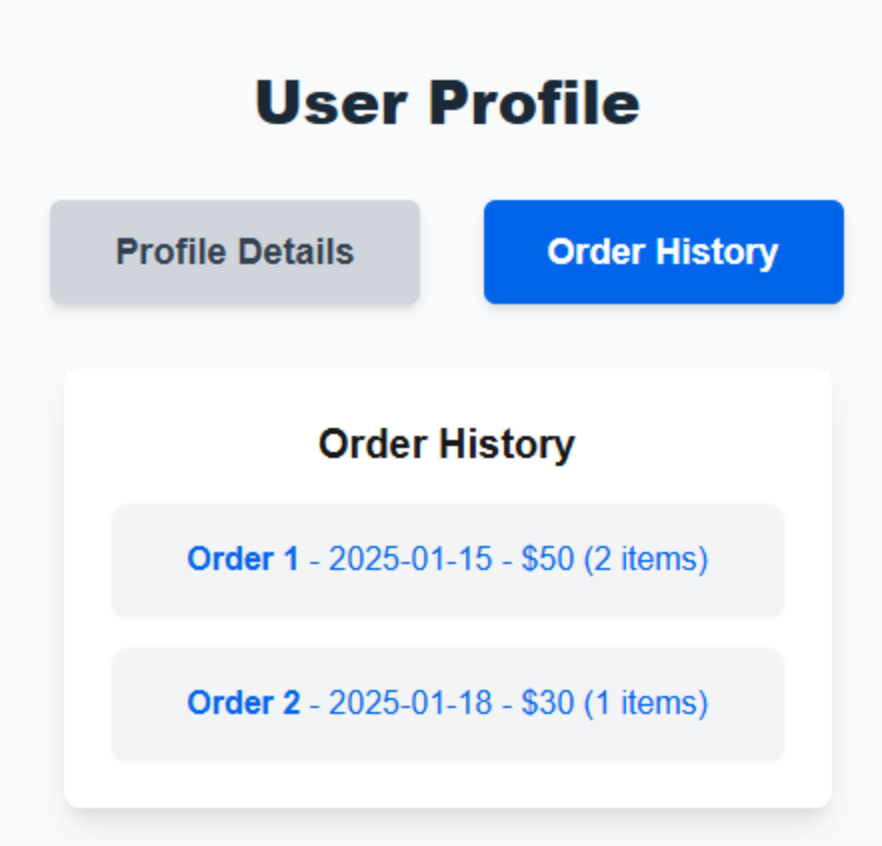


Cart/Rent Component:
Users can add cars to their cart for rental, select rental dates, and proceed to checkout. It offers a seamless rent process with the ability to modify booking details before finalizing.

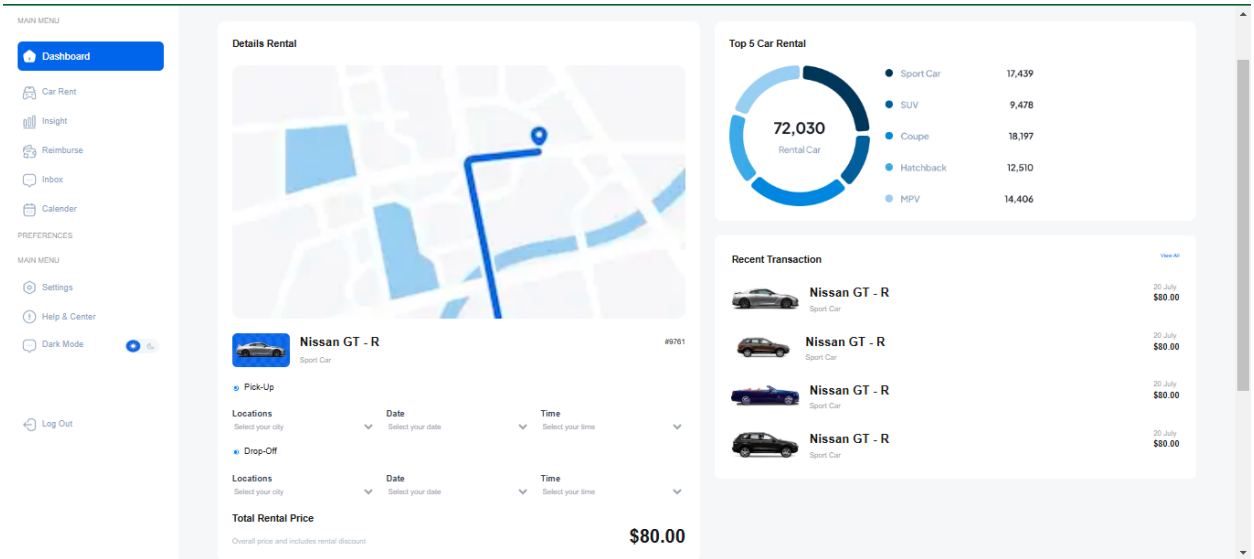


User Profile Component:
A page where users can view and update their personal details, saved addresses, and track their rental history.

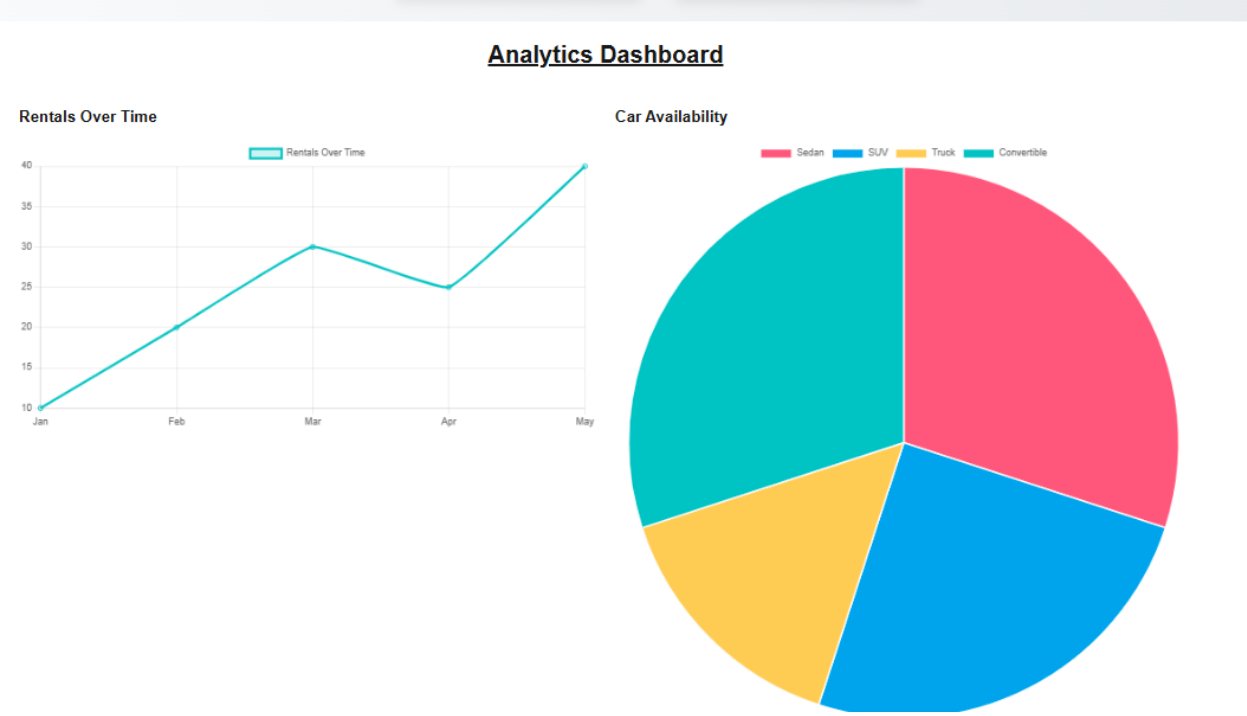




Admin Dashboard:
An interface for admins to manage car listings, view ongoing rentals, monitor car availability, and update the status of available cars.



Analytics Dashboard:
A dashboard displaying key metrics for car rentals, such as total cars rented, user traffic, popular car models, and revenue over time. It also includes graphs and charts for better data representation.



Order Tracking Component :

The **Order Tracking** component provides users with real-time updates on their order status. It includes key details such as:

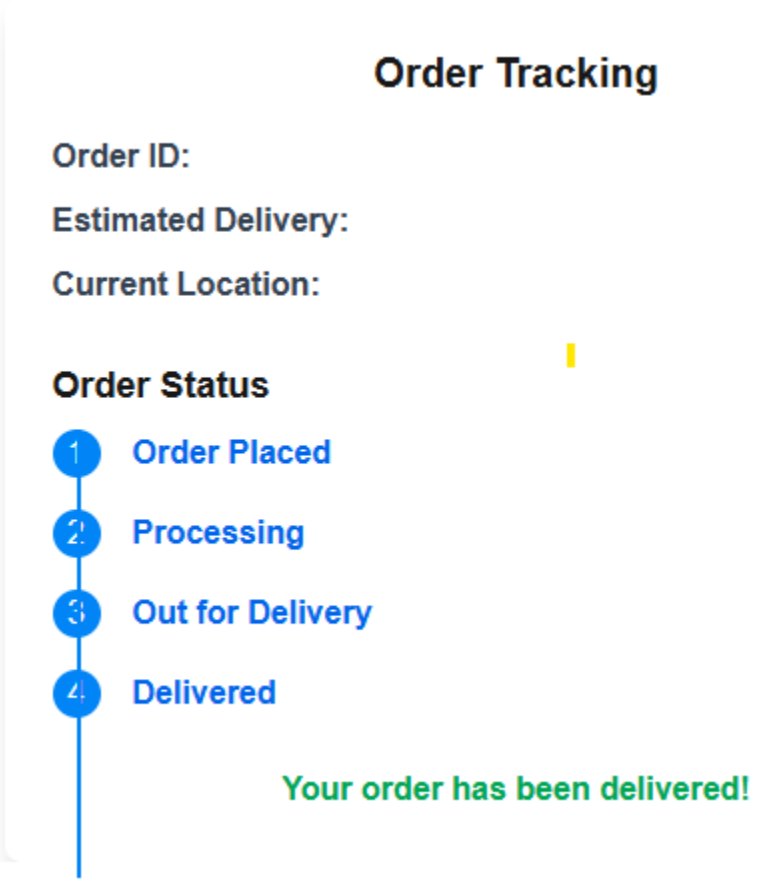
- **Order ID**: Displays the unique ID of the user's order.
- **Estimated Delivery**: Shows the expected delivery date of the order.
- **Current Location**: Updates users about the last known location of their package.

Features:

1. **Step-by-Step Status**:
    - Displays the order's progress (e.g., "Order Placed," "Processing," "Out for Delivery," "Delivered").
    - Includes a visual representation of the order’s journey using a timeline with highlighted steps.
2. **Real-Time Simulation**:
    - Simulates live updates every few seconds to show the current progress dynamically.
3. **User-Friendly Design**:

- A clean and responsive layout styled with Tailwind CSS ensures accessibility and professional appearance.

4. **Completion Notification**:
    - Highlights when the order is successfully delivered.



Changes in the Structure:

1. **Home Page**:
    - Featured Cars
    - Popular Categories (SUV, Sedan, etc.)
    - Promotional Offers
2. **Car Listings**:
    - Filter by Price, Category, Availability, and Rental Duration.

3. **Car Detail Page**:
    - Detailed Info (Car Specs, Images, Pricing, Availability)
    - Rent Button (Add to Cart for rental)
4. **Cart/Checkout Page**:
    - Users can view and edit their rental orders, select rental period, and confirm bookings.
5. **User Profile Page**:
    - View personal details and rental history.
6. **Admin Dashboard**:
    - Manage Listings (Add/Edit Cars)
    - Track Rentals
    - Analytics for Rental Trends and Popular Cars

Summary:

This project helped me gain valuable experience in building dynamic and fully functional e-commerce platforms. I used **Next.js** for the frontend, **Sanity CMS** for content management, and **Tailwind CSS** for styling, ensuring a responsive and seamless experience across all devices.

Self-Validation Checklist for Day 4

Task	Status
Frontend Component Development	✔
Styling and Responsiveness	✔
Code Quality	✔
Documentation and Submission	✔