Star Rentals

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Car Rental Platform Idea

- Wide selection of cars (make, model, body, color, rates)
- Store-specific availability by location
- Backend tracks rentals, returns, and car status
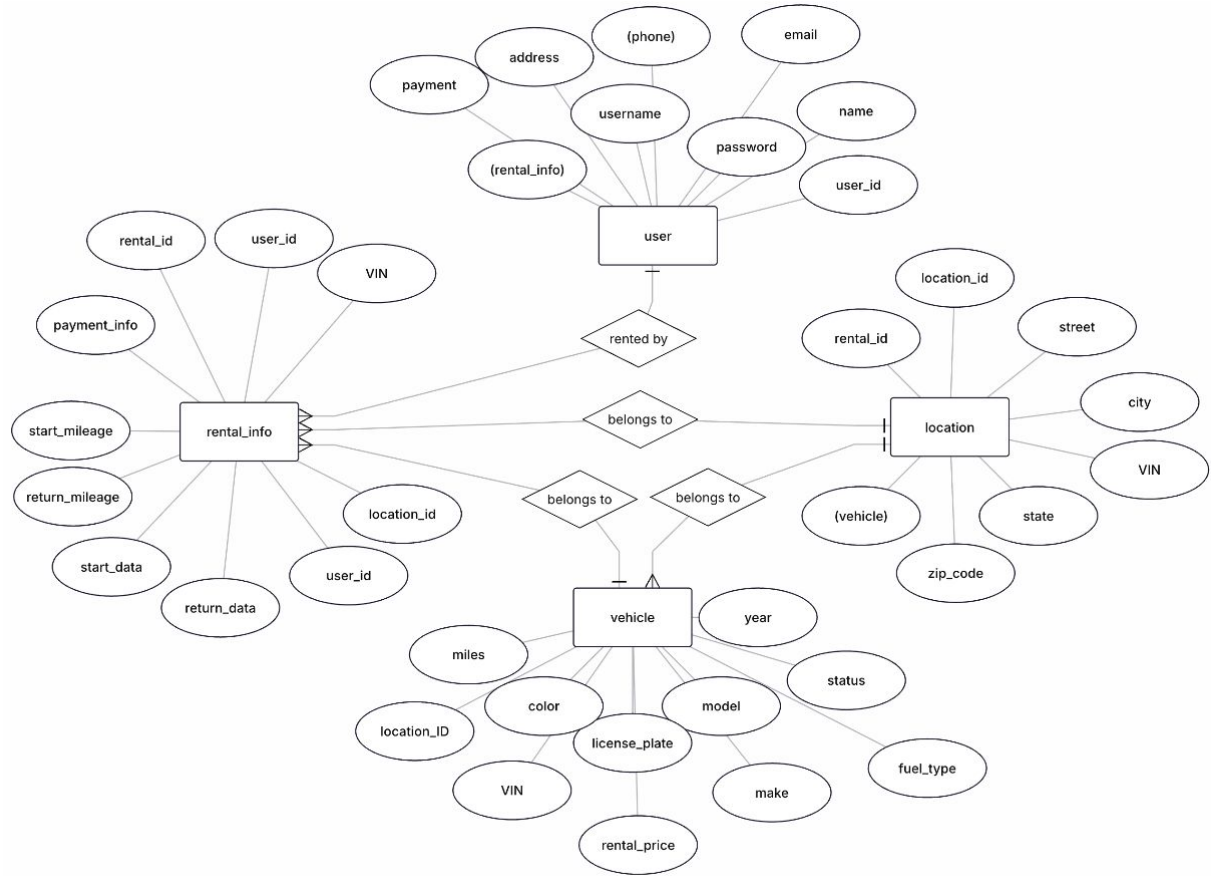- Frontend seamlessly connected to backend

BMW M3

5 Seats / Petrol / Automatic

Book Now - 85$ / Day

E-R Diagram

Data Source

We will manually insert the data ourselves

Car Listings

Filter ▼ **Body Type ▼** **Price ▼**

Honda Civic Type R

5 Seats / Petrol / Automatic

Book Now - 65$ / Day

Lexus RC 350

5 Seats / Petrol / Automatic

Book Now - 85$ / Day

Toyota Camry TRD

5 Seats / Petrol / Automatic

Book Now - 45$ / Day

High Level Data Modification Operations

- **Insert**
  - User data
  - Cars
  - New store locations
- **Update**
  - Car availability
  - Car pricing / rates
  - Times Driven
- **Delete**
  - Users
  - Cars no longer in service
- **Select**
  - Car or location information
  - Sort cars/locations/pricing by a particular user request

Questions

- How many cars are currently in inventory?
- What cars are available for rent?
- What is the average mileage of all cars?
- Which cars have the highest/lowest mileage?
- What makes and models are most common in the database?
- What years of cars are most common in the database?
- What styles (e.g., sedan, SUV, truck) are most common?
- How many electric or hybrid vehicles are in inventory?
- Where is a certain car currently located?
- What is the most common color among sedan's in the database?