Business Rules For Car Rental Application

* A person is uniquely identified by id and has attributes such as name, email, phone number, and role (Customer or Employee).
* An employee has details like job title, salary, and hire date, linked to a PersonID.
* A customer has a registration date and is linked to a PersonID.
* A vehicle is described by attributes like make, model, year, price per day, and status (Available, Rented, Under Maintenance). Each vehicle belongs to a category identified by CategoryID.
* Rental transaction records details such as the vehicle rented, the customer renting, start and end dates, return date, and status (Active, Completed, or Late).
* Maintenance record logs maintenance details for a vehicle, including the date, description, and cost.
* Payment records the amount and date of payment linked to a rental transaction.
* Fine is issued for late returns, detailing the rental ID, amount, and date of the fine.
* A review includes a rating and optional comments, associated with a vehicle and a customer.
* Each person can either be an employee or a customer but not both.
* There isn’t any person except customer and employee.
* A vehicle belongs to one category, but a category can have multiple vehicles.
* Each rental transaction involves one customer and one vehicle.
* Each customer and vehicle can have more than one rental transaction.
* Each vehicle can have multiple maintenance records, but a maintenance record belongs to one vehicle.
* Each rental transaction has one payment and may have one fine if returned late.
* A customer can leave reviews for multiple vehicles, and a vehicle can have reviews from multiple customers.

Alperen Yazıcı B221202019

Yiğit Sancar B221202025