

RENTAL CAR DIAGRAM

This database structure is divided into 3 parts. User information, car information and rental time and fee. It shows a system where users can filter and select vehicles based on a specific category. In this way, users can list vehicles according to specific vehicle types (Car Type: Economic, Comfort, Prestige, Premium, Luxury) and gear types (Gear Type: Automatic, Manual) and select the vehicles they want to rent. Calculates the price when delivered based on the cars they choose and the date.

Cars

PK carId
brand
model
year
gearType
carType
status
dailyPrice

Users

PK userId
Name
email
phone
address
age

Rentals

PK rentalsId
FK carId
FK userId
rentalDate
returnDate
totalPrice

Rentals Id:1
Car Id: 3
User Id: 2
Rental Date: 06.11.2023 T 13.30
Return Date: 08.11.2023 T 16.20
Total Price: (returnDate-rentalDate)*cars.getDailyPrice

Rentals Id:3
Car Id: 2
User Id: 1
Rental Date: 01.11.2023 T 12.00
Return Date: -
Total Price: (returnDate-rentalDate)*cars.getDailyPrice

Rentals Id:2
Car Id: 5
User Id: 2
Rental Date: 06.11.2023 T 13.30
Return Date: 08.11.2023 T 16.20
Total Price: (returnDate-rentalDate)*cars.getDailyPrice

Rentals Id:4
Car Id: 8
User Id: 3
Rental Date: 05.11.2023 T 17.30
Return Date: 06.11.2023 T 17.30
Total Price: (returnDate-rentalDate)*cars.getDailyPrice