

CarRent

CarRent is a WebApp that helps employees track car-rentals.

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Cars: Car_ID, brand, seats, KM, trunkspace, year, fuel, transmission, engine (BHP), status (available/already rented), location (Branch_ID), price

- Every car is tracked and categorized by the above mentioned values. If it is already rented its status will be 0 otherwise 1.
- Cars can be rented and returned in various branches.

Customer: Customer_ID, prename, surname, birthdate, address, license

- Customers are stored by Customer_ID, etc. A customer must have a license. The attribute "license" contains the classes, allowed to drive.

Employee: Employee_ID, prename, surname, birthdate, address

- Employees are tracked as well. An Employee can manage a branch and issue the rental.

Location: Branch_ID, address, Manager (Employee_ID)

- Every location is supervised by a manager. A car can be rented from any branch and returned to any branch.

Rent: Rent_ID, customer_ID, KM_Start, KM_End, Price, Issuer (Employee_ID)

- A customer can only rent one car. KM_End is at first null and upon return updated. Every car that is rented must be issued by an employee.
- The price is derived from the car price which is stored in another table "Price".

Price: Exceeded KM price, price per day, insurance price

- Prices are usually per day. If a fix amount of kilometers is exceeded then an additional price is due. Every car has a fix insurance price.