**Regional Cars**

A regional car dealership operates multiple showrooms, selling various brands and models of cars and providing maintenance and repair services. They require a comprehensive database to manage their inventory, sales, customer interactions, service appointments and employee details.

**Entities**:

* Car: Represents each unique car available for sale. Contains attributes like VIN, make, model, year, price , and availability status.
* Customer: Stores customer info, including customer ID, name, contact details, and purchase history.
* SalesTransaction: Records details of each car sale, such as transaction ID, date, car VIN(foreign key), customer ID(foreign Key), and total amount.
* ServiceAppoiuntment: Contains info about customer service requests and appointments, including appointment ID, date, customer ID(foreign Key), car VIN(foreign Key), service type, and status.
* Employee: Stores info about dealership employees, including employee ID, name, contact details, position, and department.
* MaintenanceRecord: Keeps track of maintenance and repair records for each car, including VIN(foreign Key), maintenance type, date, and description.
* Brand: Represents different car brands available at the dealership. Contains attributes like brand ID and brand name.
* Model: Contains details of car models offered by each brand, including model ID, model name, and specifications.

This database will help the dealership manage its car inventory, track sales and service appointments, maintain customer records, monitor employee performance, and provide efficient customer service in the automotive industry.

*Note – other entities exist such as addresses, inventories, services employee has skills, etc. Consider these… make sample data in a spreadsheet, think it through, normalize.*