

Users(user\_id: Integer, username: String, password\_hash: String, email: String, birthday: Date, registration\_date: Date, is\_admin: Integer)

Vehicles(vin: String, make: String, model: String, year: Integer)

Owns(user\_id: Integer, vin: String, start\_date: Date, end\_date: Date)

FK (user\_id: Integer) references Users(user\_id: Integer)

FK (vin: String) references Vehicles(vin: String)

CarShops(car\_shop\_id: Integer, name: String, address: String, phone\_number: String, user\_id: Integer)

FK (user\_id: Integer) references Users(user\_id: Integer)

Mechanics(mechanic\_id: Integer, car\_shop\_id: Integer, name: String, phone\_number: String, email: String, user\_id: Integer)

FK (user\_id: Integer) references Users(user\_id: Integer)

FK (car\_shop\_id: Integer) references CarShops(car\_shop\_id: Integer)

ServiceRecords(service\_id: Integer, vin: String, service\_date: Date, current\_mileage: Integer, cost: Float, description: String)

FK (vin: String) references Vehicles(vin: String)

WorkedOn(mechanic\_id: Integer, service\_id: Integer)

FK (mechanic\_id: Integer) references Mechanics(mechanic\_id: Integer)

FK (service\_id: Integer) references ServiceRecords(service\_id: Integer)

ServiceTypes(service\_type: String)

ServiceRecords\_ServiceTypes(service\_id: Integer, service\_type: String)

FK (service\_id: Integer) references ServiceRecords(service\_id: Integer)

FK (service\_type: String) references ServiceTypes(service\_type: String)

Parts(part\_id: Integer, name: String, manufacturer: String, part\_number: String, unit\_price: Float, user\_id: Integer)

FK (user\_id: Integer) references Users(user\_id: Integer)

ServiceRecords\_Parts(service\_id: Integer, part\_id: Integer)

FK (service\_id: Integer) references ServiceRecords(service\_id: Integer)

FK (part\_id: Integer) references Parts(part\_id: Integer)

Expenses(expense\_id: Integer, vin: String, date: Date, category: Enum, amount: Float, description: String)

FK (vin: String) references Vehicles(vin: String)

MaintenanceExpenses (expense\_id: Integer, service\_id: Integer)

FK (expense\_id: Integer) references Expenses(expense\_id: Integer)

FK (service\_id: Integer) references ServiceRecords(service\_id: Integer)

RegistrationExpenses (expense\_id: Integer, renewal\_date: Date, renewal\_period: String, state: String)

FK (expense\_id: Integer) references Expenses(expense\_id: Integer)

InsuranceExpenses (expense\_id: Integer, policy\_number: String, start\_date: Date, end\_date: Date, provider\_name: String)

FK (expense\_id: Integer) references Expenses(expense\_id: Integer)

FuelExpenses (expense\_id: Integer, gallons: Float, current\_mileage: Integer, fuel\_type: String)

FK (expense\_id: Integer) references Expenses(expense\_id: Integer)

UpcomingServices(event\_id: Integer, user\_id: Integer, vin: String, rec\_date: Date, rec\_mileage: Integer, status: String)

FK (user\_id: Integer) references Users(user\_id: Integer)

FK (vin: String) references Vehicles(vin: String)

UpcomingServices\_ServiceTypes(event\_id: Integer, service\_type: String)

FK (event\_id: Integer) references UpcomingServices(event\_id: Integer)

FK (service\_type: String) references ServiceTypes(service\_type: String)

Reminder(reminder\_id: Integer, event\_id: Integer, message: String, send\_date: Date, was\_sent: Boolean, was\_read: Boolean)

FK (event\_id: Integer) references UpcomingServices(event\_id: Integer)