Entity Data Dictionary

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Entity Name	Description	Aliases	Occurrence
Vehicle	Vehicles are hired out to clients and companies for a period of time. Vehicles come in many makes, models, colours and styles. Vehicles are kept and serviced at Depots.	Car	Vehicles are *located_At* at Depots. Vehicle *is_A* VehicleType. Service *services_A* Vehicle. Hire *selects_A* Vehicle.
VehicleType	A record of the make and model of Vehicles in the fleet.	make/model	Vehicle *is_A* VehicleType. Booking *chooses_A* VehicleType. DailyHireTariff *applies_To* VehicleType.
Depot	Depots are where vehicles are kept and serviced. They are also where vehicles are hired from and returned to by clients.		Vehicles are *located_At* at Depots. Services are *serviced_At* Depots. Bookings and Hires are *hired_From* and *returned_To* Depots.
Client	Clients hire and book vehicles. They have a name, address, phone number and drivers license. Clients may also specialise into a Driver or a Company.	Hirer, Nominated Person	Hires and Bookings *records_A* Client. Has dependant entities Driver and Company.
Driver	Drivers are the listed drivers of Vehicles. They are an optional specialisation of Client.		Hires *nominates_A* Driver. Depends on Client.
Company	Companies hire Vehicles through a Nominated Person (who is a Client). They are an optional specialisation of Client.		[no relationships] Depends on Client.
DailyHireTariff	A separate tariff applies to each VehicleType and to each set of specified conditions.	Daily Rental Tariff	DailyHireTariffs *applies_To* VehicleTypes. Hires *specifies_A* DailyHireTariff.

Hire	Clients Hire Vehicles. This is the core of the database and the business. Hire has relationships with many other entities in the database. Hire also lists credit card details and current kilometreage on hired Vehicles. Hire shares a mandatory subclass with Booking, called GenericBooking.		Hire *records_A* Client. Hire *selects_A* Vehicle. Hire *nominates_A* Driver. Hire *specifies_A* DailyHireTariff. InsurancePolicy is *taken_On* Hire. Invoice is *generated_For* Hire. Has dependent entity GenericBooking.
Booking	Clients can make Bookings for future use of Vehicles. Clients choose a VehicleType and may optionally choose a colour. Booking shares a mandatory subclass with Hire, called GenericBooking.	Future Hiring	Booking *records_A* Client. Booking *chooses_A* VehicleType. Has dependent entity GenericBooking.
GenericBooking	This a shared subclass of Hire and Booking. It is used to specify the pickup and drop off dates of Vehicles/VehicleTypes at Depots for Hires and Bookings.		GenericBooking is *hired_From* Depot. GenericBooking is *returned_To* Depot. Depends on Hire and Booking.
InsurancePolicy	Clients may take out an InsurancePolicy as part of a Hire.		InsurancePolicy is *taken_On* Hire.
Invoice	Invoices are issued after a Vehicle is returned from a Hire. Invoices record the condition of the returned Vehicle, calculate the final cost of a Hire, and record if/when an Invoice had been paid.		Invoice is *generated_For* Hire.
Service	Vehicles receive a Service at a Depot. Services occur on a date in the past, or by a date-to-be-done-by in the future.		Service *services_A* Vehicle. Service is *serviced_At* a Depot.

	Service has a mandatory specialisation into PastService or ScheduledService.		Has dependant entities PastService and ScheduledService.
PastService	This is a description of a PastService performed on a Vehicle and the cost of that Service.		[no relationships] Depends on Service.
ScheduledService	This is a record of a ScheduledService to be performed on a Vehicle when it reaches a specified kilometreage.		[no relationships] Depends on Service.