

The **Car** entity has a many to one relationship with the salesperson because they could sell multiple cars and it has a many to one relationship with the **Customer** entity because as a customer could buy multiple cars.

The **Invoice** entity has a one to one relationship with the **Car** entity and the **Salesperson** entity because only one invoice is issued for a single car and a salesperson writes one invoice per car sold.

The **Service Ticket** entity has a one to one relationship with the **Customer** entity and the **Car** entity because a service ticket is only given to one customer and a service ticket is issued for one car.

The **Service Record** entity has a many to many relationship with the **Mechanic** entity and a one to many relationship with the **Car** entity because a car may have had multiple services done and worked on by many mechanics and one mechanic may have worked on many cars.