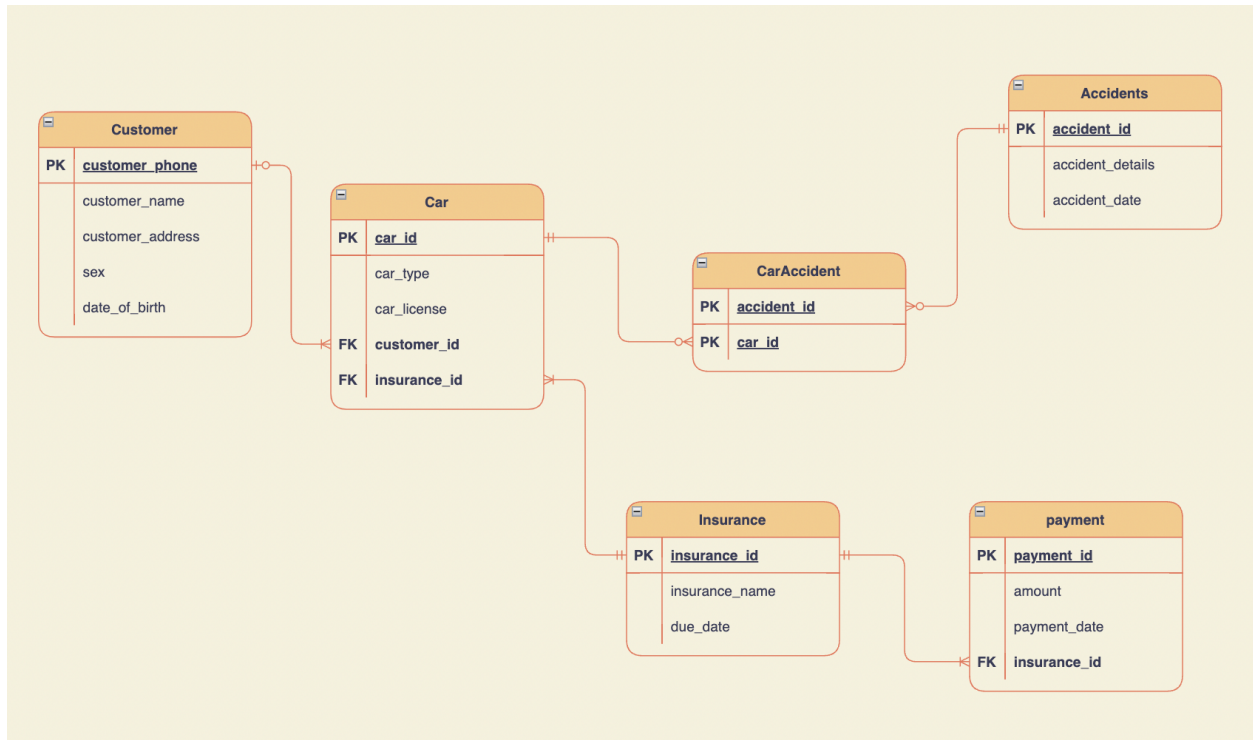# Exercise 2

Exercise 4.

First normal form

Report(<u>invoice_id</u>, <u>pet_id</u>, pet_name, pet_type, pet_date_of_birth, owner, address, <u>procedure_id</u>, procedure_name, amount, <u>visit_date</u>)

Second normal form

Pet(<u>pet_id</u>, pet_name, owner, address, pet_type, pet_date_of_birth)
Procedure(<u>procedure_id</u>, procedure_name)
Report(<u>invoice_id</u>, <u>pet_id</u>, <u>procedure_id</u>, <u>visit_date</u>, amount)

Third normal form

Pet(<u>pet_id</u>, pet_name, owner, address, pet_type, pet_date_of_birth)
Procedure(<u>procedure_id</u>, procedure_name)
Report(<u>invoice_id</u>, <u>pet_id</u>, <u>procedure_id</u>, <u>visit_date</u>, amount)

Exercise 5.

First normal form

Report(customer_name, customer_address, <u>customer phone</u>, artist_id, artist_name, <u>picture id</u>, title, <u>purchase date</u>, price)

Second normal form

Customer(<u>customer phone</u>, customer_name, customer_address)

Picture (<u>picture id</u>, title, price, artist_id, artist_name)

Report(<u>customer phone</u>, <u>picture id</u>, <u>purches date</u>)

Third normal form

Customer(<u>customer phone</u>, customer_name, customer_address)

Picture (<u>picture id</u>, title, price, <u>artist id</u>)

Artist(<u>artist id</u>, artist_name)

Report(<u>customer phone</u>, <u>picture id</u>, <u>purches date</u>)