Exercise 2

Customers

PK	customer_id
	customer_name
	Customer_address

Car

PK	Car_id
	Car_model
	Date

Owner — (1,*) ← — (1,1)

(1,*0)

Insured by

(1,1)

Insurance

PK	insurance id
	Name

(1,*)

Involve

(1,*)

Premium

PK	Premium_id
	received_date
	due_date
	Amount

(0,*)

Have

(0,*)

Accidents

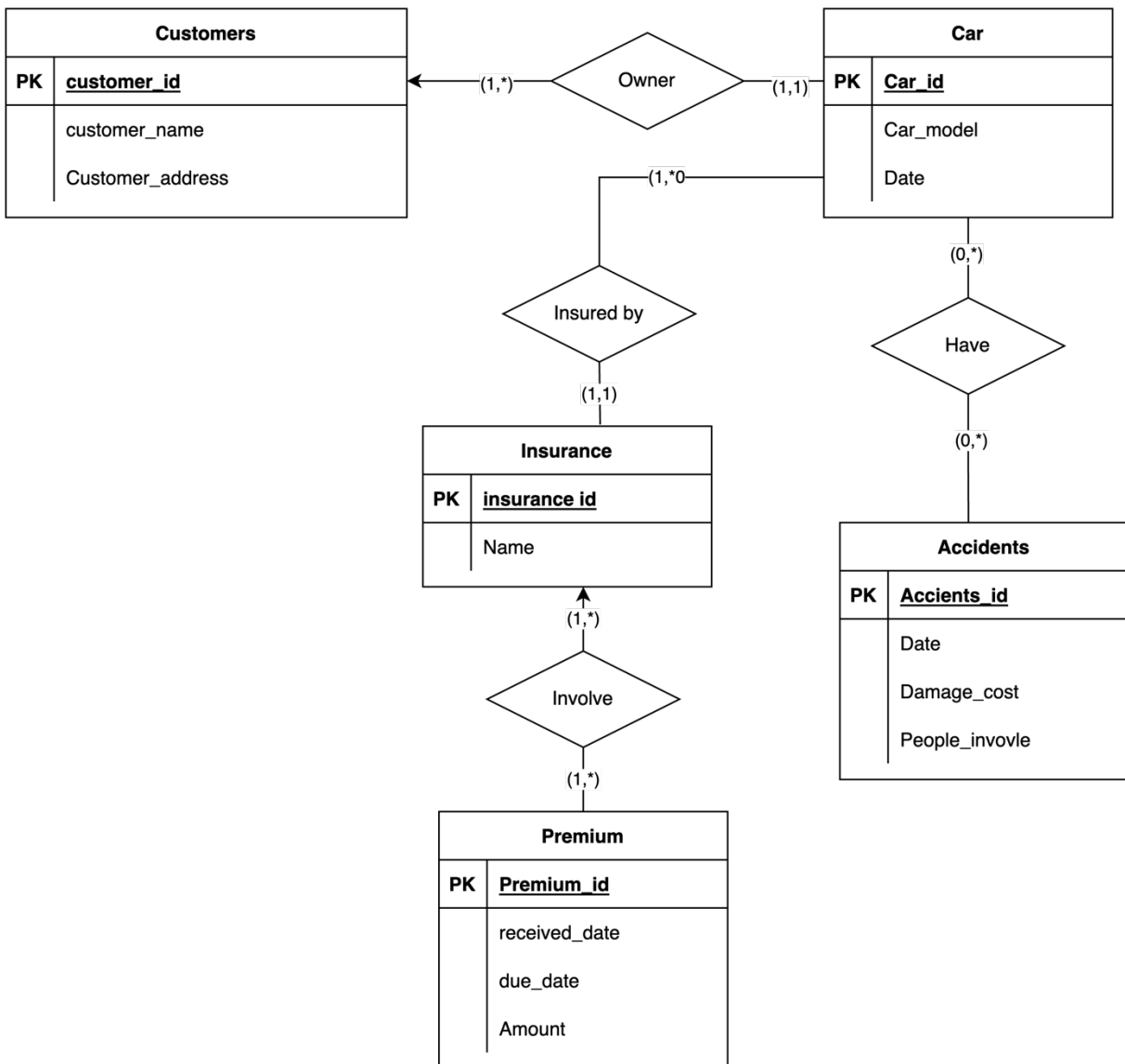| PK	Accients_id
	Date
	Damage_cost
	People_invovle

Exercise 4

1NF =

Invoice(<u>Invoice_id</u>, <u>Pet_id</u>, PetName, PetType, Owner, Owner_address, <u>VisitDate</u>, <u>Procedure_id</u>, Procedure, Procedure_price)

2NF =

Pet(<u>Pet_id</u>, PetName,PetType, Owner,Owner_address)
Procedure(<u>Procedure_id</u> , Procedure , Procedure_price)
Invoice(<u>Invoice_id</u>, <u>Pet_id</u>, <u>VisitDate</u>, <u>Procedure_id</u>)

3NF =

Pet(<u>Pet_id</u>, PetName,PetType, Owner,Owner_address)
Procedure(<u>Procedure_id</u> , Procedure , Procedure_price)
Invoice(<u>Invoice_id</u>, <u>Pet_id</u>, <u>VisitDate</u>, <u>Procedure_id</u>)

Exercise 5
1NF =

Purchase(<u>Customer_id</u>, Customer_name , Customer_address, Customer_phoneNo, Artist_id , ArtistName, <u>Title_id</u>, Title_name ,<u>PurchaseDate</u>, <u>Sales_price</u>)

2NF =
Title(<u>Title_id</u> ,TitleName, ArtistName, Artist_id)
Purchase(<u>Customer_id</u>, <u>Title_id</u>, <u>purchaseDate</u> , <u>sales_price</u>)

3NF =

Title(<u>Title_id</u> ,TitleName, ArtistName, Artist_id)
Purchase(<u>Customer_id</u>, <u>Title_id</u>, <u>purchaseDate</u> , <u>sales_price</u>)