I divided all the data into 4 parts:

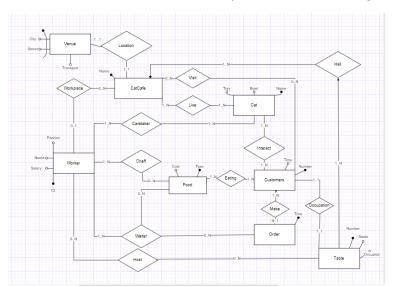
The restaurant as a place tracks the location, as well as workplaces and the hall in which there are tables with seats for visitors.

Workers that are divided depending on the profession and interact with other entities.

Visitors that have several options for actions and interact with other entities depending on this.

Cats that track interactions with other entities.

The table, order and food entities only exist when interacting with the main entities.



1.Place

CatCafe(name)

Venue(<u>city</u>, <u>street</u>, Transport)

Location(<u>catCafe</u>, <u>street</u>, <u>city</u>)

FK: $(catCafe) \subseteq CatCafe(name)$

FK: (street, city) \subseteq Venue(street, city)

Workplace(<u>catCafe</u>, position)

FK: $(catCafe) \subseteq CatCafe(name)$

FK: (position) \subseteq Worker(id, position)

Hall(catCafe, table)

FK: $(catCafe) \subseteq CatCafe(name)$

FK: $(table) \subseteq Table(number)$

CatCafe(<u>name, city,street</u>, transport, position, table)

2.Worker

Worker(id, salary, name, position)

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Water(worker, order, type, cost)
        FK: (worker) \subseteq Worker(id)
         FK: (order) \subseteq Order(time)
        FK: (type, cost) \subseteq Food(type, cost)
Cheff(worker, type)
        FK: (worker) \subseteq Worker(id)
         FK: (type) \subseteq Food(type)
Host(worker, number)
        FK: (worker) \subseteq Worker(id)
         FK: (number) \subseteq Table(number, seats, occupied)
Caretaker(<u>worker</u>, tray, bowl)
        FK: (worker) \subseteq Worker(id)
         FK: (tray, bowl) \subseteq Cat(tray, bowl)
Worker(id, salary, name, position, order, type, cost, number, tray, bowl)
3.Customers
Customers(time, <u>number</u>)
Eating(customers, type)
         FK: (customers) \subseteq Customers(namber)
         FK: (type) \subseteq Food(type)
Make(<u>customers</u>, order)
         FK: (customers) \subseteq Customers(number)
         FK: (order) \subseteq Order(time)
Interact(customers, cat)
         FK: (customers) \subseteq Customers(namber)
         FK: (cat) \subseteq Cat(name)
Ocuppation(customers, table)
         FK: (customers) \subseteq Customers(namber)
         FK: (table) \subseteq Table(number)
Customers(time, <u>number</u>, food, order, cat, table)
4.Cats
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Cat(tray, bowl, <u>name</u>)

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Live(<u>cat</u>, <u>catCafe</u>)
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FK: $(cat) \subseteq Cat(name)$

FK: $(catCafe) \subseteq CatCafe(name)$

Interact(<u>cat</u>, <u>customers</u>)

FK: $(cat) \subseteq Cat(name)$

FK: (customers) \subseteq Customers(number)

Caretaker(position, tray, bowl)

FK: (position) \subseteq Worker(id)

FK: $(tray, bowl) \subseteq Cat(tray, bowl)$

Cat(tray, bowl, <u>name</u>, customers)