

Worker(id, salary, name, position)

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(worker, 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, number)

Eating(customers, type)

FK: (customers) \subseteq Customers(number)

FK: (type) \subseteq Food(type)

Make(customers, order)

FK: (customers) \subseteq Customers(number)

FK: (order) \subseteq Order(time)

Interact(customers, cat)

FK: (customers) \subseteq Customers(number)

FK: (cat) \subseteq Cat(name)

Occupation(customers, table)

FK: (customers) \subseteq Customers(number)

FK: (table) \subseteq Table(number)

Customers(time, number, food, order, cat, table)

4. Cats

Cat(tray, bowl, name)

Live(cat, catCafe)

FK: (cat) \subseteq Cat(name)

FK: (catCafe) \subseteq CatCafe(name)

Interact(cat, customers)

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, name, customers)