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Schemas for Happy Renter's Rental Management System

Branch (branch_id, phone, address);

Employee (empid, name, phone, job_designation);

Employee is the superclass of:

Manager(empid, branchid,

Foreign key (empid) references Employee(empid),

Foreign key (branchid) references Branch(branchid));

Supervisor(empid, managerid

Foreign key (empid) references Employee(empid),

Foreign key (managerid) references Manager(empid));

Property_Owner (name, permanent_address, phone);

Rental_Property (rental_num, status, address, num_of_rooms, month_rent,
date_of_availability,

phone, empid,

Foreign key (phone) references Property_Owner (phone),

Foreign key (empid) references Supervisor (empid));

Renter(renter_name, home_phone, work_phone);

Lease Agreement (rental_num, start_lease_date, end_lease_date,

renter_work_phone, deposit_amt, rent_amt, supervisor_name,

Foreign Key (rental_num) references Rental_Property (rental_num)

Foreign Key (renter_work_phone) references Renter (work_phone)
);

Relationship definitions:

Branch and **Manager** have a one to one relationship

Supervisor and **Rental_Property** have a one to many relationship

So, primary key of Supervisor(empid) is attribute in Rental_Property

Rental_Property and **Property_Owner** have a many to one relationship

So, primary key of **Property_owner** (phone) is an attribute in **Rental_Property**

Renter and **Rental_Property** are in a many to many relationship and **Lease_Agreement** is their relationship.

Primary keys of **Renter** (work_phone) and **Rental_Property** (rental_num) are defined inside **Lease_Agreement**