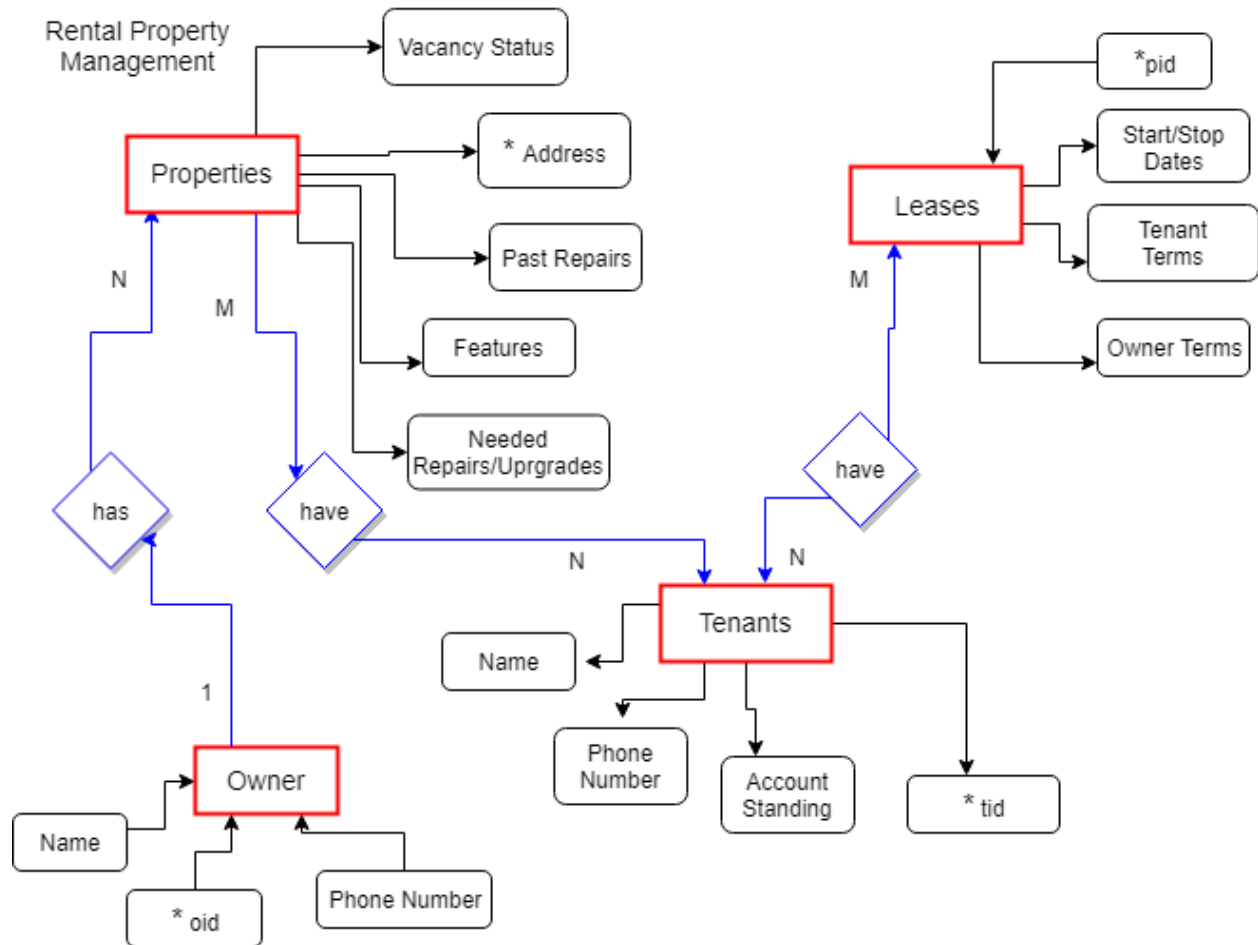


Assignment 2 (A)

PDA E/R Model



Owner (**oid**, Name, Phone Number)

Properties (**Address**, Vacancy Status, Past Repairs, Features, Needed Repairs/Upgrades)

Tenants (**tid**, Name, Phone Number, Account Standing)

Leases (**pid**, Start/Stop Dates, Tenant Terms, Owner Terms)

Primary key (oid, Address, tid, pid)

Assignment 2 (B)

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 21

Server version: 8.0.17 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> show databases ;
```

```
+-----+
| Database      |
+-----+
| dumb          |
| information_schema |
| mysql         |
| performance_schema |
| sailor        |
| sys           |
| test          |
+-----+
```

```
7 rows in set (0.00 sec)
```

```
mysql> create database Rental_Properties ;
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> show databases ;
```

```
+-----+
| Database      |
+-----+
| dumb          |
| information_schema |
| mysql         |
| performance_schema |
| rental_properties |
| sailor        |
| sys           |
| test          |
+-----+
```

```
8 rows in set (0.00 sec)
```

```
mysql> use rental_properties ;
```

```
Database changed
```

```
mysql> create table Owner (
```

```
-> id int,
-> name char(30),
-> PhoneNumber int,
-> primary key(id) ) ;
```

```
Query OK, 0 rows affected (0.04 sec)
```

```
mysql> describe owner ;
```

```
+-----+-----+-----+-----+-----+-----+
| Field  | Type  | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
```

id	int(11)	NO	PRI	NULL		
name	char(30)	YES		NULL		
PhoneNumber	int(11)	YES		NULL		

```
+-----+-----+-----+-----+-----+
```

3 rows in set (0.00 sec)

mysql> create table Properties (

-> address char(225),

-> vacancyStatus char(15),

-> PastRepairs char(225),

-> Features char(225),

-> NeededRepairsUpgrades char(225),

-> primary key(address));

Query OK, 0 rows affected (0.03 sec)

mysql> describe Properties ;

Field	Type	Null	Key	Default	Extra
address	char(225)	NO	PRI	NULL	
vacancyStatus	char(15)	YES		NULL	
PastRepairs	char(225)	YES		NULL	
Features	char(225)	YES		NULL	
NeededRepairsUpgrades	char(225)	YES		NULL	

5 rows in set (0.00 sec)

mysql> create table Tenants (

-> tid int,

```
-> name char(30),
-> phoneNumber int,
-> AccountStatus char(20),
-> primary key(tid) );
```

Query OK, 0 rows affected (0.03 sec)

mysql> describe Tenants ;

Field	Type	Null	Key	Default	Extra
tid	int(11)	NO	PRI	NULL	
name	char(30)	YES		NULL	
phoneNumber	int(11)	YES		NULL	
AccountStatus	char(20)	YES		NULL	

4 rows in set (0.01 sec)

mysql> create table Leases (

```
-> pid int,
-> startStopDates int,
-> tenanTerms char(225),
-> ownerTerms char(225),
-> primary key(pid) );
```

Query OK, 0 rows affected (0.03 sec)

mysql> describe Leases ;

Field	Type	Null	Key	Default	Extra
pid	int(11)	NO	PRI	NULL	

startStopDates	int(11)	YES	NULL
tenantTerms	char(225)	YES	NULL
ownerTerms	char(225)	YES	NULL

4 rows in set (0.00 sec)

Assignment 2 (C)

```
mysql> insert into Owner values (1, "Scott", 2225555);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into Owner values (2, "Brenda", 2226666);
```

Query OK, 1 row affected (0.00 sec)

```
mysql> insert into Owner values (3, "Chris", 2227777);
```

Query OK, 1 row affected (0.00 sec)

```
mysql> select * from Owner ;
```

id	name	PhoneNumber
1	Scott	2225555
2	Brenda	2226666
3	Chris	2227777

3 rows in set (0.00 sec)