

# **DBMS Project**

## **(DreamHome Rental Business)**

### **Number of Relations and the Required Attributes**

#### **Group Members-**

Raghava Gatadi (21BCS088)

Rahul Verma (21BCS089)

Siddhant Chalke (21BCS118)

Suryansh Raj (21BCS124)

Venkatesh Jaiswal (21BCS131)

Vishal Kumar (21BCS133)

Praneeth (21BCS137)

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**Staff:** (Stores info about all the staff members)

staffno (varchar(4) primary key)

name (varchar(30) not null)

sex (char(1) not null)

dob (date not null)

position (varchar(30) not null default assistant)

salary (integer not null)

supervisor (varchar(30))

branchno (integer foreign key references Branch(branchno))

**Branch:** (Details of a branch office)

branchno (varchar(4) primary key)

address (varchar(80) not null)

telephone (varchar(30) not null)

managerno (varchar(4) foreign key references Manager(managerno))

**Manager:** (Details of the managers of all the branches)

managerno (varchar(4) foreign key references Staff(staffno))

startdate (date not null)

bonus (integer)

branchno (varchar(4) foreign key references Branch(branchno))

**Property:** (Property details)

propertyno (varchar(4) primary key)

type (varchar(30) not null)

rooms (integer)

address (varchar(100) not null)

ownerno (varchar(4) foreign key references Owner(ownerno))

branchno (varchar(4) foreign key references Branch(branchno))

staffno (varchar(4) foreign key references Staff(staffno))

**Owner:** (Owner info)

ownerno (varchar(4) primary key)

name (varchar(30) not null)

address (varchar(100) not null)

telephone (varchar(30) not null)

btype (varchar(30)) //Business type

cname (varchar(30)) //Contact name

**Client:** (Client info)

clientno (varchar(4) primary key)

name (varchar(30) not null)

type (varchar(30) not null)

maxrent (integer not null)

branchno (varchar(4) foreign key references Branch(branchno))

staffno (varchar(4) foreign key references Staff(staffno))

rdate (date not null) //Registration date

**Feedback:** (Feedback details from client after viewing property)

propertyno (varchar(4) foreign key references Property(propertyno))

clientno (varchar(4)) foreign key references Client(clientno))

fdate (date not null) //Feedback date

comment (varchar(100))

**Lease:** (Lease registration after client selects a property)

clientno (varchar(4) foreign key references Client(clientno))

propertyno (varchar(4) foreign key references Property(propertyno))

rent (integer not null)

pmethod (varchar(30) not null) //Payment Method

depositpaid (varchar(3) not null)

start (date not null)

finish(date not null)

duration (varchar(20) not null)

Total Number of Relations = 8

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