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--============================== CIS 310 ASSIGNMENT 6===============================

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SUBMISSION DATE: 3/9/2024

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**-- 1.** Execute the script for the StayWell database (from Database Chapter 1 file folder) in Microsoft SQL Server to create and populate the database. (10 pts)

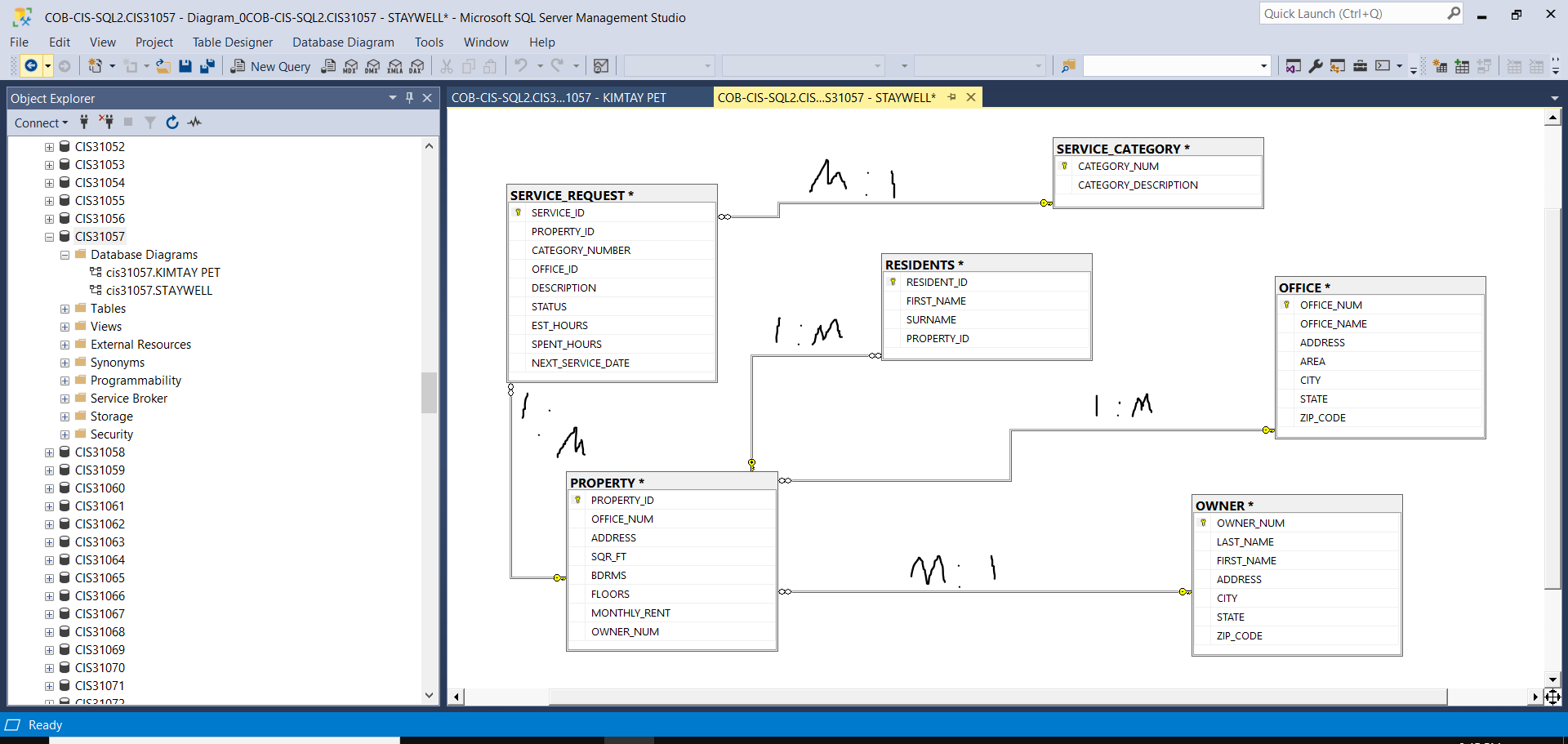
Create an entity relationship diagram for the StayWell database in Microsoft SQL Server. **You must connect the tables with proper relationships, below example screenshot do not contain the answer.** Use the given data and your learning from database designs, to determine which table is on the one side and which is on the many side in each relationship. \*Reminder, the shared attribute/column names can be different on the connecting tables.

**Use a tool such as Snipping Tool to screen capture the ERD and paste it here.**   
Your screenshot must show connection to **YOUR database**, as shown in example or will receive 0.

A screenshot of a computer

Description automatically generated

My Screenshot: (For some reason, it would hide what was highlighted in the sample on my screen, anytime I opened this database design file. Hopefully I can still prove this is my own work.)



**--2.** Provide the SQL script for creating a SHORT\_TERM\_RENTAL table with the structure shown below,

PROPERTY\_ID should be the only Primary Key for this table. (5 pts)

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**==Column Name== | ==Data Type===**

| PROPERTY\_ID | NUMERIC

| OFFICE\_NUM | NUMERIC

| ADDRESS | VARCHAR(30)

| SQR\_FT | NUMERIC

| BDRMS | DECIMAL(2, 0)

| FLOORS | INT

| WEEKLY\_RENT | NUMERIC

| OWNER\_NUM | CHAR(5)

\*/

DROP TABLE IF EXISTS SHORT\_TERM\_RENTAL;

CREATE TABLE SHORT\_TERM\_RENTAL (

PROPERTY\_ID NUMERIC PRIMARY KEY NOT NULL,

OFFICE\_NUM NUMERIC,

ADDRESS VARCHAR(30),

SQR\_FT NUMERIC,

BDRMS DECIMAL(2,0),

FLOORS INT,

WEEKLY\_RENT NUMERIC,

OWNER\_NUM CHAR(5)

);

**--3.** Provide a screenshot of SHORT\_TERM\_RENTAL table's metadata. (5 pts)  
--Your screenshot should show all 8 rows and the first 8 columns, and **your username CIS310XX** at the bottom. Example as below:

A screenshot of a computer

Description automatically generated

My screenshot: A screenshot of a computer

Description automatically generated

--\*Reminder: In Microsoft SQL Server, you may execute "EXEC SP\_COLUMNS Tablename;" command to see the metadata (data about the data). in the output, (where Tablename is the name of the table whose structure/metadata you want to show.)

**--4.** Provide the SQL script for inserting below record to the SHORT\_TERM\_RENTAL table. (2 pts)  
--\* Reminder that text type data should be encased in the appropriate symbols.



INSERT INTO SHORT\_TERM\_RENTAL VALUES (13, 1, ‘5867 Goodwin Ave’, 1650, 2, 1, 400, ‘CO103’);

**--5.** Provide the SQL script for deleting SHORT\_TERM\_RENTAL table from the SQL server. (2 pts)

DROP TABLE SHORT\_TERM\_RENTAL;

**--6.** Provide the SQL scripts to output the **metadata** of the STAYWELL tables. (3 pts)  
Note that there are 6 tables. Therefore, there should be 6 statements.

EXEC SP\_COLUMNS PROPERTY;

EXEC SP\_COLUMNS RESIDENTS;

EXEC SP\_COLUMNS OWNER;

EXEC SP\_COLUMNS OFFICE;

EXEC SP\_COLUMNS SERVICE\_CATEGORY;

EXEC SP\_COLUMNS SERVICE\_REQUEST;

**--7.** Provide the SQL scripts to output the **contents** (all columns and rows) of the STAYWELL tables. (3 pts)  
Note that there are 6 tables. Therefore, there should be 6 statements.

SELECT \* FROM PROPERTY;

SELECT \* FROM RESIDENTS;

SELECT \* FROM OWNER;

SELECT \* FROM OFFICE;

SELECT \* FROM SERVICE\_CATEGORY;

SELECT \* FROM SERVICE\_REQUEST;