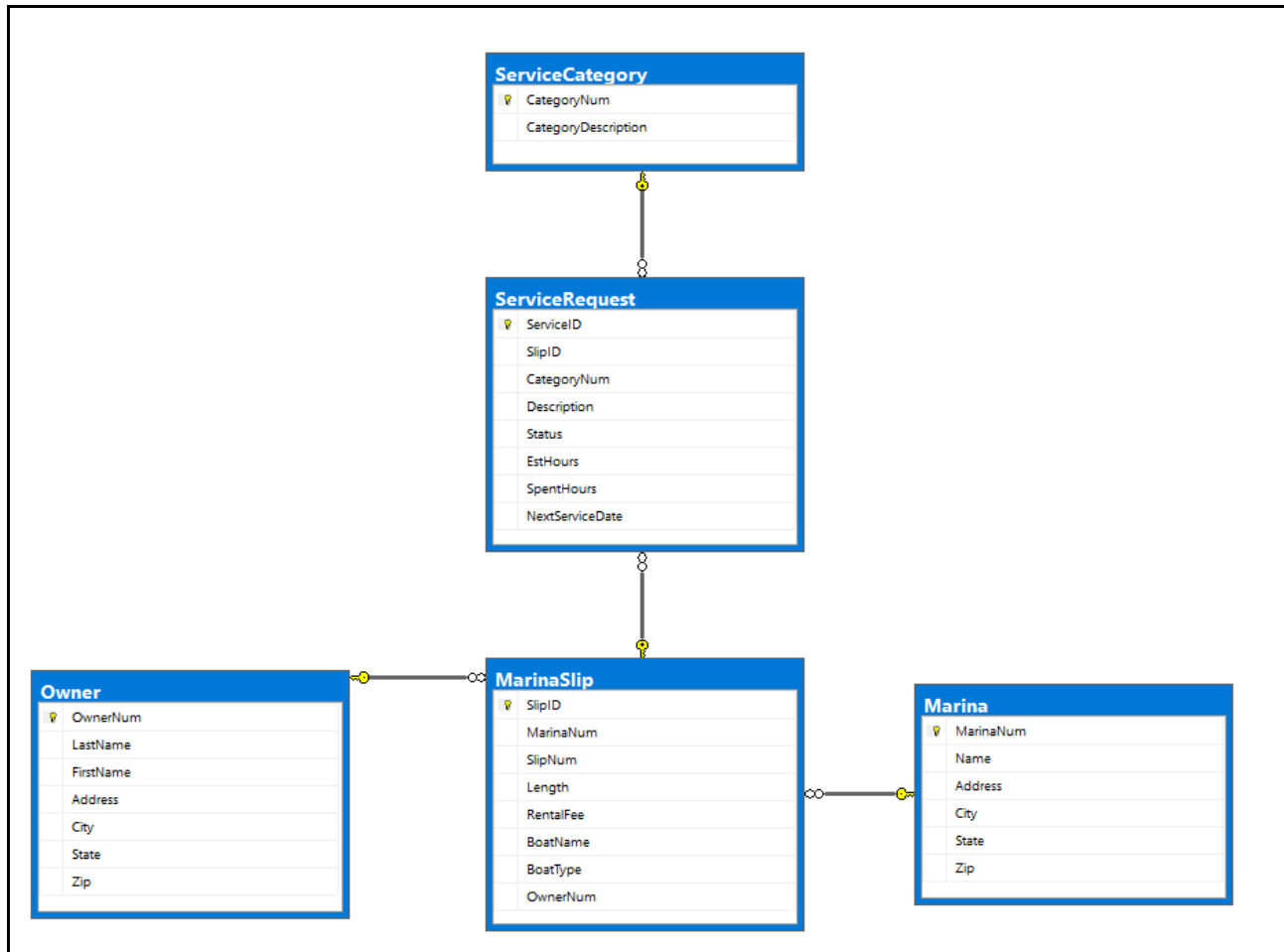


ITCS 393 Database System Lab

Assignment #6

Assigned Date: Tuesday 2 March 2021
Due Date (Time): Monday 8 March 2021 (midnight – server's time)
Assignment Type: Individual Assignment

Instructions



1. Download the "CREATE_DATABASE_ALEXAMARA.SQL" file and execute this script in order to create the Alexamara database.
2. Solve the following 7 questions using **SQL SET Operations**
 - a. Write a query to show SlipID that does not request for service.
 - b. Write a query to display Distinct Status using SET operation WHERE Status is not "Open".
 - c. List all distinct City and State of Owner using SET operation in Descending Order.
 - d. For each Owner and Marina, list all City using SET operation in Ascending Order
 - e. For each Owner, get additional column with SlipID and BoatType using APPLY operator
 - f. For each Marina, get Name of Marina and Max rental fee
 - g. For every Slip, list the marina number, slip number, boat name, owner number, owner's first name, and owner's last name.

3. Prepare the report to show the questions and the captured screens for these 7 results.

What to be submitted?

This is individual assignment. You have to submit the assignment in the following formats:

1. The SQL solutions using .sql file
2. The report showing the questions and the captured screens of the 7 results
3. Submit the zip file as "U999999_Assignment6.zip"
4. Submit into the MyCourse system, named "Assignment #06: Submission".