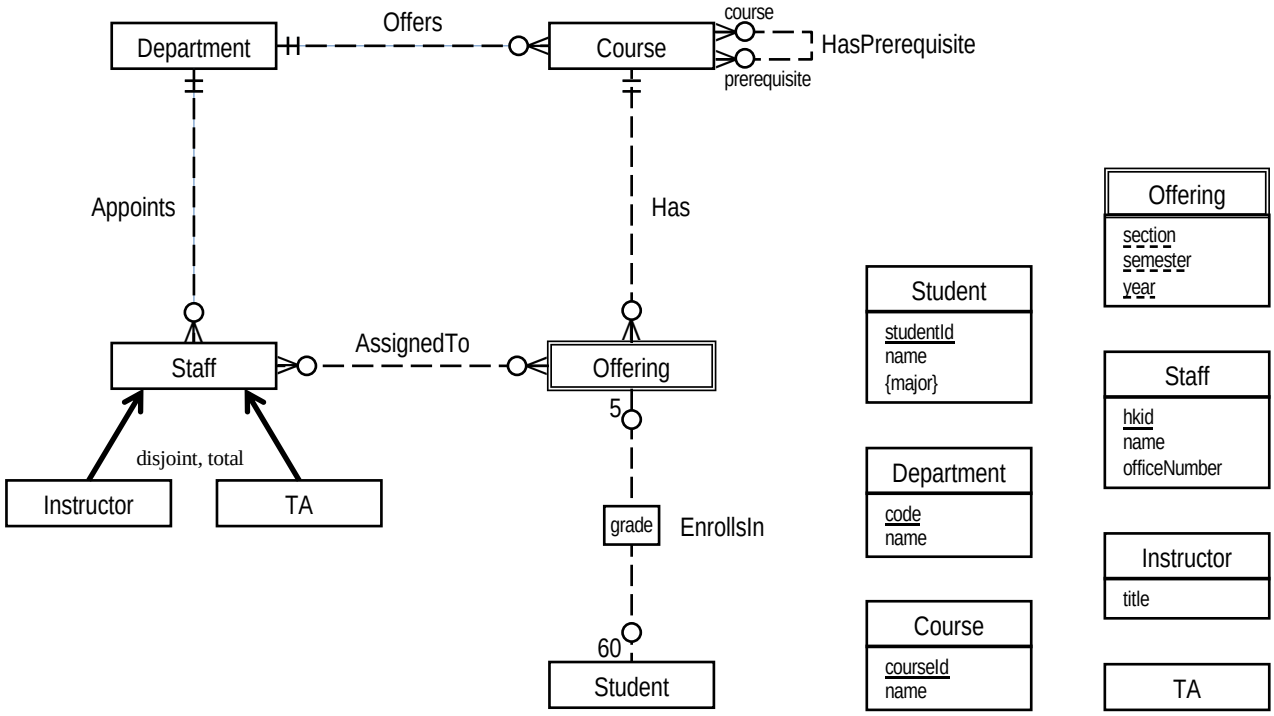
COMP 3311: Database Management Systems

Lecture 4 Exercises
Relational Model and Relational Database Design

Exercise 1: Reduce the university E-R schema to relation schemas. Specify all keys and referential integrity constraints. Do not add any surrogate keys. ***Use schema combination where possible to reduce relationships.***



Name: (1) _____/_____ **Student#:** (1) _____ **Date:** _____
Family/Given (PRINT) Given/First (PRINT)

Name: (2) _____/_____ **Student#:** (2) _____
Family/Given (PRINT) Given/First (PRINT)

NOTE: You are highly encouraged to do this exercise with a partner.

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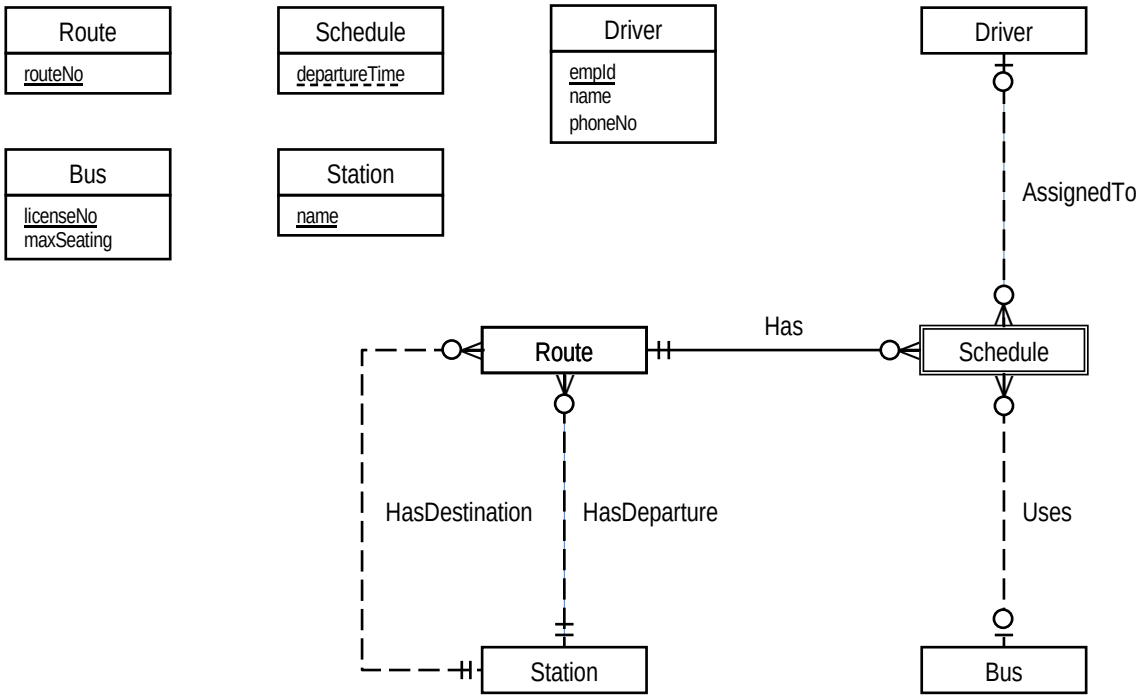
Exercise 2: Reduce the bus company E-R schema to relation schemas. Specify all keys and referential integrity constraints. Do not add any surrogate keys. ***Use schema combination where possible to reduce relationships.***



You must upload this completed exercise sheet to Canvas by **6:00 p.m. today.**