

ITEC 3335
Database Development
Fall 2019
Homework #4

Relational Schema and SQL DDL

(1) Using the suggested ERD solution of [Homework #3](#) (*not* your own solution) and the specification of HW #3, construct the relation schemas to implement the ER diagram for TES. For each relation, underline the PK and list:

1. all candidate keys: e.g. (1) FacultyId, (2) {FirstName, LastName, DepartmentNumber}
2. all foreign key references: e.g. (1) ChairFacultyId references Faculty(FacultyId), (2) StudentId references Student(StudentId)
3. Attributes that can be null (i.e. Nullable): e.g. (1) MiddleInitial, (2) Phone

Use [h4sol_template.docx](#) as the template. For submission to blackboard, naming convention should be the same for all homework submission: H<assignment number>_itec3335_<<sid>>_<lastname>.<extension>. For example, H4_itec3335_0111006_Bond_Jane.docx.