* Map entity type “Building” to relation “BUILDING”. (Related attributes added as column header. Also apply to following if not specified)
* Map entity type “Classroom: to relation “CLASSROOM”. We use Option 8A, multiple relations with superclass and subclasses. We choice this option for all rest superclass and subclasses, if not specified.
* Map entity type “Course” to relation “COURSE”.
* Map multi-value attribute textbook and attribute course-number of entity type “COURSE” to relation “COURSE\_TEXTBOOK”.
* Map entity type “Department” to relation “Department”.
* Map entity type “Employee” to relation “EMPLOYEE”.
* Map entity type “Instructor” to relation “INSTRUCTOR”. It is a Union of Professor and Lecturer. We use their common key “net-id” as INSTRUCTOR's key.
* Map entity type “lab” to relation “LAB”.
* Map entity type “Lecturer” to relation “LECTURER”.
* Map entity type “Office” to relation “OFFICE”.
* Map entity type “People” to relation “PEOPLE”.
* Map entity type “Professor” to relation “PROFESSOR”.
* Map entity type “RA” to relation “RA”.
* Map entity type “RA Work Assignment” to relation “RA\_WORK\_ASSIGNMENT”.
* Map entity type “Room” to relation “ROOM”.
* Map entity type “Section” to relation “SECTION”.
* Map entity type “Student” to relation “STUDENT”.
* Map entity type “TA” to relation “TA”.
* Map entity type “Track” to relation “TRACK”.
* Map relationship type “Advice” between Student and Professor to relation “ADVICE”.
* Map relationship type “Assign” between Professor and Office as attributes to relation “PROFESSOR”. (We put OFFICE’s Key as attributes to relation PROFESSOR. We will do similar below when we map relationship type as attributes.)
* Map relationship type “Assign” between Lecturer and Office as attributes to relation “LECTURER”.
* Map relationship type “Assign” between TA and Office as attributes to relation “TA”.
* Map relationship type “Contain” between Department and Building as attributes to relation “BUILDING”.
* Map relationship type “Enroll” between Track and Student as attributes to relation “STUDENT”.
* Map relationship type “Has” between Instructor and Section as attributes to relation “SECTION”.
* Map relationship type “Has” between Section and TA to relation “SECTION\_HAS\_TA”.
* Map relationship type “Has” between Section and Classroom as attributes to relation “SECTION”.
* Map relationship type “Has” between Department and Track as attributes to relation “TRACK”.
* Map relationship type “Has core-course” between Track and Course to relation “TRACK\_CORE\_COURSE”.
* Map relationship type “Has prerequisite” between Student and Course to relation “STUDENT\_PREREQUISITE”.
* Map relationship type “Has Head” between Department and Professor as attributes to relation “DEPARTMENT”.
* Map relationship type “Hire” between Department and Professor to relation “HIRE”.
* Map relationship type “Provide” between Department and Course as attributes to relation “COURSE”.
* Map relationship type “Run” between Professor and Lab to relation “RUN”.
* Map relationship type “Take” between Student and Section to relation “TAKE”.