ADVISING SYSTEM - DOMAIN MODEL DESCRIPTION

PERSON
→ Is an object with several attributes

SECURITY
→ is an object with objects with permissions

STUDENT
→ is a person.
→ has zero or more security roles.
→ Many students belong to an advising system
→ Zero to many students belong to a degree program

ADMINISTRATOR
→ is a person.
→ has zero or more security roles.
→ belong to a department.
→ Many system administrators belong to a department.
→ Many system administrators belong to an advising system.

ADVISOR
→ is a person.
→ has zero or more security roles.
→ Many advisors belong to a department.
→ Many advisors belong to an advising system.

ADVISING SYSTEM
→ contains one to many degree programs
→ contains one to many courses
→ contains one to many terms

DEGREE PROGRAMS
→ contain many courses

COURSE
→ has a term
→ belongs to a department

DEPARTMENT
→ has degree programs
→ One to many degree programs belong to a department
→ One to many departments belong to a university