Professor Class Diagram

Professor

+ProfessorId : int
+Name : String
+Position : String
+Department : String
+Phone : int
+CourseId : int

+getProfessorDetails()
+addProfessor()
+deleteProfessor()
+getProfessorCourses()

Grades

+CourseId : int
+StudentId : int
+Grade : int

-submitGrades()
+viewGrades()

CoursesToTeach

+CourseId : int
+CourseName : String
+CourseDescription : String
+NumberOfStudents : int

+selectCourse()
+deselectCourse()
+getCourseDetails()

User

-UserId : int
-UserEmailId : String
-UserPassword : String
-UserPosition : String

-validateUser()
-setPrivileges()
+updateDetails()
+updatePassword()

Course

+CourseId : int
+CourseName : String
+CourseDescription : String
+NumberOfStudents : int

+getCourseCatalog()
+addNewCourse()
+deleteCourse()
+isCourseAvailable()

CourseCatalog

+CatalogId : int
+CatalogDescription : Stribg
+CourseId : int
+NumberOfCourses : int

+showCatalog()
+displayNumberOfCourses()

manages

manages

<<extends>>

0..*

0..*

0..*

0..*

0..*

1..*

1