Student Database System

Person

-FirstName : string
-LastName : string
-DateOfBirth : DateTime
-address : object
-PhoneNumber : string

+ AddAddress()

Address

- HouseNumber : int
- StreetName : string
- city : string
- state : string
- country : string
- zipcode : int

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Student

- IsInternational : bool
- enrolled : object[]

+ IsPartTime()
+ OnProbabtion()
+ AddCourse(
+ RemoveCourse()
+ ReprotCard()

Professor

- salary
- teaching : object[]
- RecievedRaise : bool

+ EligibleForSalryBoost()
+ AddCourse()
+ RemoveCourse()
+ ChangeStudentGrade()

Courses

- min : int
- max : int
- code : int
- professors : int[]
- enrollees : int[]

+ IfCanceled()
+ AddProfessor()
+ RemoveProfessor()
+ AddEnrollee()
+ RemoveEnrollee()

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Enroll

- date : DateTime
- grade: int
- studentEnrolled : object
- courseEnrolled: object

+ SetGrade()
+ GetGrade()