University management system class diagram

University
+ name : string
+ desc : string
+ schools : dictionary (keys = id, items = School object)
+ website : string
+ tel : int
+ email : string
+ date_founded : string
+ sch_dict : dictionary (keys = indexes , items = list of school attributes)
+ prog_dict : dictionary(keys = indexes, items = list of programs)

+ __str__() : prints uni infos
+ __len__(): prints num of schools
+ __getitem__() : access specific school
+ acronym : abreviation of the university object

Person
+ name : string
+ age : int
+ gender : string
+ nationality : string
+ phone_number : num
+ adress : string
+ CIN : string

+ __str__() : prints person's infos

Staff
+ salary : int or float
+ id : string
+ university : University
+ email : string

+ __str__() : prints staff info
+ add_salary() : updates salary

School
+ name : string
+ description : string
+ id : string
+ programs : list

+ __len__() : prints num of students enrolled in school
+ __str__() : prints school's public details
+ acronym(): Abreviation of the school's object

Student
+ university : string
+ school : list
+ id : string
+ program : list
+ email : string
+ grades: object

+ __str__(): prints student's info
+ get_students_grades() :

Professor
+ courses: list of courses

+ add_note() : add a grade to a student
+ change_note() : change a grade to a student
+ __str__() : print professor's details

Program
+ name : string
+ description : string
+ numb_promos : int
+ fees_per_year : float
+ numb_stud : int
+ students : list

+ __len__() : prints num of students
+ __str__() : prints program's infos
+ acronym(): Abreviation of the program's object

Course
+ name: string
+ description: string
+ id: str
+ hour_load: float
+ course_type: string
+ passing_grade: float
+ students: list of objects
+ course_data_base : dictionary (keys = "DS,TP...", items = grades)

+ __str__() : show course's public details
+ get_student_grades(): get student grades' details
+ acronym(): an abreviation for the Course's object
+ display_students() : return dataframe of students' grades

Grades
+ course : Course
+ DS: list
+ TP: list
+ bonus: float
+ exam: num
+ project: list

+ mean_ds() : return mean of DS
+ mean_tp() : return mean of TP
+ mean_project() : return overall grade of projects
+ total_grade() : return total grade of all students
+ passed() : determine if student pass
+ __str__() : show course's grades' details