Project 1 UML Diagram by Tanner Yost

School

- name: String
- instructors: Instructor[]
- students: Student[]
- courses: Course[]

+ readData(String): void
+ schoolInfo(): void
+ assignInstructor(int, int): void
+ searchByEmail(String): Instructor
+ getInstructor(int): Instructor
+ addStudent(int, String): void
+ graduateStudent(int): void
+ getStudent(int): Student
+ courseInfo(int): void
+ getCourse(int): Course
+ register(int, int): void
+ unRegister(int, int): void
+ putScore(int, int, double): void
+ deleteCourse(int): void

Instructor

- name: String
- email: String
- id: int
- phone: String

+ *getter and setter methods*

Course

- name: String
- subject: String
- number: int
- enrolled: Student[]
- teacher: Instructor

+ updateLocation(String): void

Student

- name: String
- id: int

+ getName(): void
+ setName(String): void
+ getId(): void
+ setId(int): void