UML Class Diagram

ITCenter
- address: String
- name: String
- phoneNumber: String

«interface»
IManagement<T>
- + add(): boolean
- + checkInfo(T): boolean
- + getList(List<T>): boolean

ManagementPerson
- + add(): boolean
- + checkInfo(Person): boolean
- + getList(List<Person>): boolean

ManagementDepartment
- + add(): boolean
- + checkInfo(Department): boolean
- + getList(List<Department>): boolean

ManagementClass
- + add(): boolean
- + checkInfo(Department): boolean
- + getList(List<Department>): boolean

Person
- # birthDate: Date
- # email: String
- # id: String
- # name: String
- # phoneNumber: String
- # placeOfBirth: String

Department
- - description: String
- - name: String

Class
- - endDate: Date
- - id: String
- - name: String
- - startDate: Date

Score
- - score: double

Student

Teacher
- - teachingAbility: S

Relationships (multiplicities):
- ITCenter 1 — 1 ManagementDepartment
- ITCenter 1 — 1 ManagementClass
- ITCenter 1 — 1 ManagementPerson
- ManagementPerson ..|> IManagement<T>
- ManagementDepartment ..|> IManagement<T>
- ManagementClass ..|> IManagement<T>
- ManagementPerson 1 — 1..* Person
- ManagementDepartment 1 — 1..* Department
- ManagementClass 1 — 1..* Class
- Person <|-- Student
- Person <|-- Teacher
- Class 1 — 1..* Score
- Score 1..* — 1 Student
- Class 1..* — 1 Teacher

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