**ID:24417**

**Relationships:**

University -- Department : Aggregation

University -- Employee : Aggregation

University -- Classroom : Aggregation

University -- Office : Aggregation

Department -- Professor : Aggregation

Department -- Office : Composition

Employee -- Office : Association

Professor -- Department : Association

Office -- Employee : Composition

Office -- Department : Aggregation

- Id: int

- seat :int

Classroom

- id : int

- name: string

- department: Department

- rank : string

Professor

- id : int

- employee: Employee[]

-department: Department

Office

Employee

- id : int

- name: string

- office: Office

Department

University

- name: string

- offices: Office[]

- professors: Professor[]

+ addProfessor(p: Professor): void

+ removeProfessor(p: Professor): void

+ addOffice(o: Office): void

+ removeOffice(o: Office): void

- name: string

- departments: Department[]

- employees: Employee[]

- classrooms: Classroom[]

- offices: Office[]