ModelMain

Group
-name: String
-students: List<Student>
-id: long

ClassRoom
-id: long
-capacity: int

+students

Teacher
-vacation: Vacation
-workingHours: TimePeriod
-firstname: String
-lastname: String
-dateOfBirth: Date
-gender: String
-id: long

Student
-studyYear: int
-firstname: String
-lastname: String
-dateOfBirth: Date
-gender: String
-id: long

+groups   +classRoom

+teacher

Lecture
-subject: Subject
-groups: List<Group>
-teacher: Teacher
-timePeriod: TimePeriod
-classRoom: ClassRoom
-id: long

TimePeriod
-startTime: Time
-endTime: Time
-id: long

+timePeriod

+vacation

Vacation
-timePeriod: TimePeriod
-description: String
-id: long

+timePeriod

Subject
-id: long
-name: String
-description: String
-superVisor: Teacher
-teachers: List<Teacher>

+teachers