

Course	
courseName	String
courseDoctor	String
maximumAbsence	int
courseHours	int
lecturesList	ArrayList<Lecture>
book	String
courseId	String
studentsList	ArrayList<Student>
description	String
description	String
lecturesList	ArrayList<Lecture>
courseDoctor	String
courseId	String
studentsList	ArrayList<Student>
courseName	String
courseHours	int
book	String
maximumAbsence	int
failureStudents	ArrayList<Student>

Student	
status	boolean
phoneNumber	long
address	String
username	String
email	String
major	String
lastName	String
firstName	String
lastName	String
email	String
phoneNumber	long
firstName	String
username	String
status	boolean
address	String
major	String
phoneNumbers	String

TeacherAssistant	
password	String
course	Course
firstName	String
lastName	String
courseName	String
username	String
email	String
course	Course
password	String
lastName	String
courseName	String
email	String
firstName	String
username	String

Administrator	
courseList	ArrayList<Course>
password	String
username	String
email	String
teacherAssistantList	ArrayList<TeacherAssistant>
password	String
teacherAssistantList	ArrayList<TeacherAssistant>
courseList	ArrayList<Course>
username	String
email	String

Lecture	
duration	double
lectureClassRome	String
dateString	String
attendanceList	ArrayList<Attendance>
lectureTitle	String
duration	double
lectureTitle	String
dateString	String
attendanceList	ArrayList<Attendance>
lectureClassRome	String

LectureAttendance	
lectureDate	String
attendance	Attendance
date	String
lectureName	String
present	boolean
lectureDate	String
lectureName	String
date	String
attendance	Attendance
present	boolean

LectureReport	
name	String
attendance	Attendance
id	String
date	String
present	boolean
name	String
date	String
id	String
attendance	Attendance
present	boolean

User	
firstName	String
email	String
username	String
password	String
lastName	String
password	String
firstName	String
lastName	String
username	String
email	String

DataModel	
administrator	Administrator
teacherAssistant	TeacherAssistant
teacherAssistant	TeacherAssistant
administrator	Administrator

IndexHolder	
instance	IndexHolder
currentIndex	int
currentIndex	int
instance	IndexHolder

Attendance	
student	Student
time	Date
student	Student
time	Date

TeacherController	
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AdminController	
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ForgetController	
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LoginController	
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Navigation	
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program	
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Main	
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Course	
description	String
lecturesList	ArrayList<Lecture>
courseDoctor	String
courseId	String
studentsList	ArrayList<Student>
courseName	String
courseHours	int
book	String
maximumAbsence	int
failureStudents	ArrayList<Student>

Student	
lastName	String
email	String
phoneNumber	long
firstName	String
username	String
status	boolean
address	String
major	String
phoneNumbers	String

TeacherAssistant	
course	Course
password	String
lastName	String
courseName	String
email	String
firstName	String
username	String

Administrator	
password	String
teacherAssistantList	ArrayList<TeacherAssistant>
courseList	ArrayList<Course>
username	String
email	String

Lecture	
duration	double
lectureTitle	String
dateString	String
attendanceList	ArrayList<Attendance>
lectureClassRome	String

LectureAttendance	
lectureDate	String
lectureName	String
date	String
attendance	Attendance
present	boolean

LectureReport	
name	String
date	String
id	String
attendance	Attendance
present	boolean

User	
password	String
firstName	String
lastName	String
username	String
email	String

DataModel	
teacherAssistant	TeacherAssistant
administrator	Administrator

IndexHolder	
currentIndex	int
instance	IndexHolder

Attendance	
student	Student
time	Date

TeacherController	
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AdminController	
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ForgetController	
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LoginController	
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Navigation	
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program	
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Main	
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