

User
id: number
type: Admin Professor Student
email: string
password: string
login ()
logout ()

Admin
id: number
userId: number
Create Students ()
Update Students ()
Delete Students
Add Students ()
Remove Students ()
Add Professor ()
Remove Professor ()
Approve Professor ()
login ()
logout ()

Professor
id: number
userId: number
name: string
validated: boolean
login ()
logout ()
SignUp ()

Student
id: number
name: string
logout ()
login ()

Work
id: number
title: string
lectureId: number
Create work()
Submit work()
List Lecture work ()

Class/Student
studentId: number
classId: number
id: number

Classe
id: number
name: string
Professor: number
open: boolean
Acess Class Info ()
Create Classes ()
Update Classes ()
Delete Classes ()
List Classe (userId type)
Finish Classe ()

Assessment
studentId: number
classId: number
id: number
value: number
Submit assessment ()
List Class Assessments()

Attendance
studentId: number
lectureId: number
id: number
attendance: boolean
justification: string
validation: boolean
Submit attendance ()
Submit absence justification ()

Lecture
id: number
title: string
summary: string
description: string
finishedLecture: boolean
classId: number
List Class Lectures ()
Add Lecture ()
Update Info Lectures ()