Class Diagram

operations

+add()
+delete()
+update()
+list()

Exam

-examID:int
-subject:string
-duration:int
-quedtion:list

+addQ()
+deleteQ()
+updateQ()

lecturer

-lecturerID:int
-exams:list

+addExam()
+deleteExam()
+updateExam()
+calFinalDegree()
+generateReports()

user

-id:int
-name:string
-password:string
-type:string

+setID()
+getID()
+setName()
+getName()
+login()
+logout()
+updateInfo()

ADMIN

-adminId:int
-student:listArray
-subject:listArray
-lecturer:listArray

+addStudent()
+deleteStudent()
+updateStudent()
+addSubject()
+deleteStubject()
+updateSubject()
+addLecturer()
+deleteLecturer()
+updateLecturer()

Question

-question:string
-choice:list
-correctAnswer:list

+addChoice()
+deleteChoice()
+addCorrectAnswer()
+deleteCorrectAnswer()

Subject

-subjectName:string
-assignedLecturer:string
-assignedStudent:string

student

-studentID:int
-registedSubject:List
-examTaken:List

+showDegree()
+accessExam()
+addAnswer()
+assignedSubject()
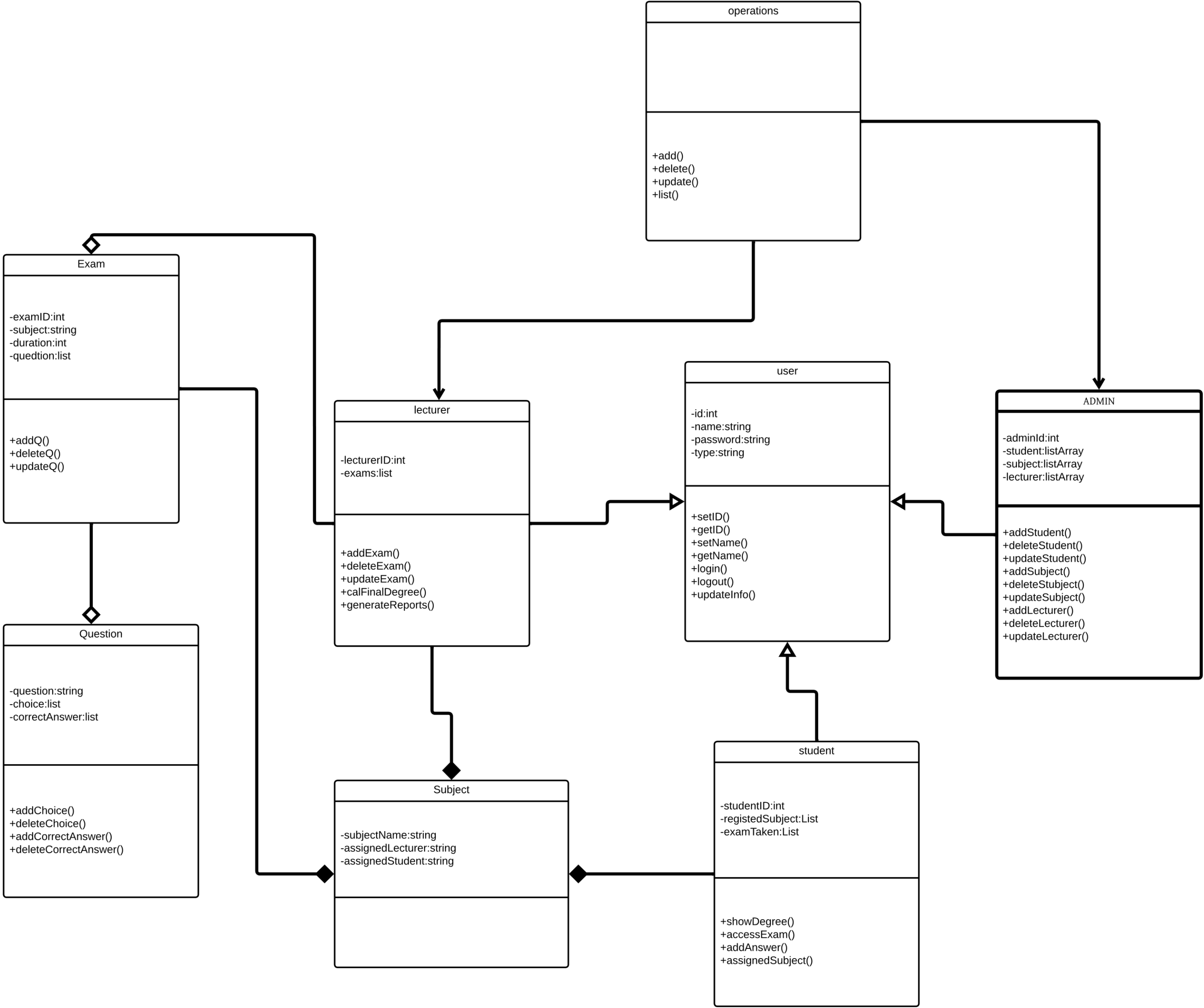
Designed by

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Course : PL2 (fall2023)

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