Blogcomments

BcId (PK)	integer
UId (FK) (Faculty)	integer
BlogId (FK)	integer
Comment	string
AtttachmentPath	string

Classcomments

CcId (PK)	integer
UId (FK) (Student/Faculty)	integer
ClassId (FK)	integer
Comment	string
Attatchmentpath	string

ClassroomStudents

ClassStudentId (PK)	integer
ClassroomId (FK)	integer
StudentId (FK)	integer

Contest

ContestId (PK)	integer
ClassId (FK)	integer
Title	strinng
Description	string
StartTime	Datetime
Endtime	Datetime
RegisteredUsers	integer
is_private	boolean
Difficulty	Enum : EASY,MEDIUM,HARD

Users

Uid (PK)	integer
Usrename	string
Password	string
Firstname	string
Lastname	string
Email	string
ProfilePicture	image

Classroom

ClassId (PK)	integer
UId (faculty)(FK)	integer
Name	string
Description	string
Semester	integer
Year	integer
ClassroomCode	uuid
Branch	string

Blog

BlogId (PK)	integer
Title	string
Description	string
UId (FK)	integer

Lab

LabId (PK)	integer
ClassId (FK)	integer
Title	string
Subject	strinng
Description	string
Deadline	Datetime

Problemcomments

PcId (PK)	integer
UId (FK) (Faculty)	integer
ProblemId (FK)	integer
Comment	string

Problem

ProblemId (PK)	integer
Title	string
Description	string
ContestId (FK)	integer
LabId (FK)	integer
Difficulty	Enum : EASY,MEDIUM,HARD
Points	integer
Durationtime	integer
DoesBelongToContest	boolean

Submission

SubmissionId (PK)	integer
ProblemId (FK)	integer
UId (student) (FK)	integer
Score	integer
Status	boolean
Filepath	string
SubmissionTime	Datetime

LabGrade

LabGradeId (PK)	integer
StudentId (FK)	integer
LabId (FK)	integer
Grade	char

Testcases

TestId (PK)	integer
ProblemId (FK)	integer
Inputfilepath	string
Outputfilepath	string

Review

ReviewId (PK)	integer
SubmissionId (FK)	integer
Comment	string

ER Diagram
SDP_Online_Assessment_System