

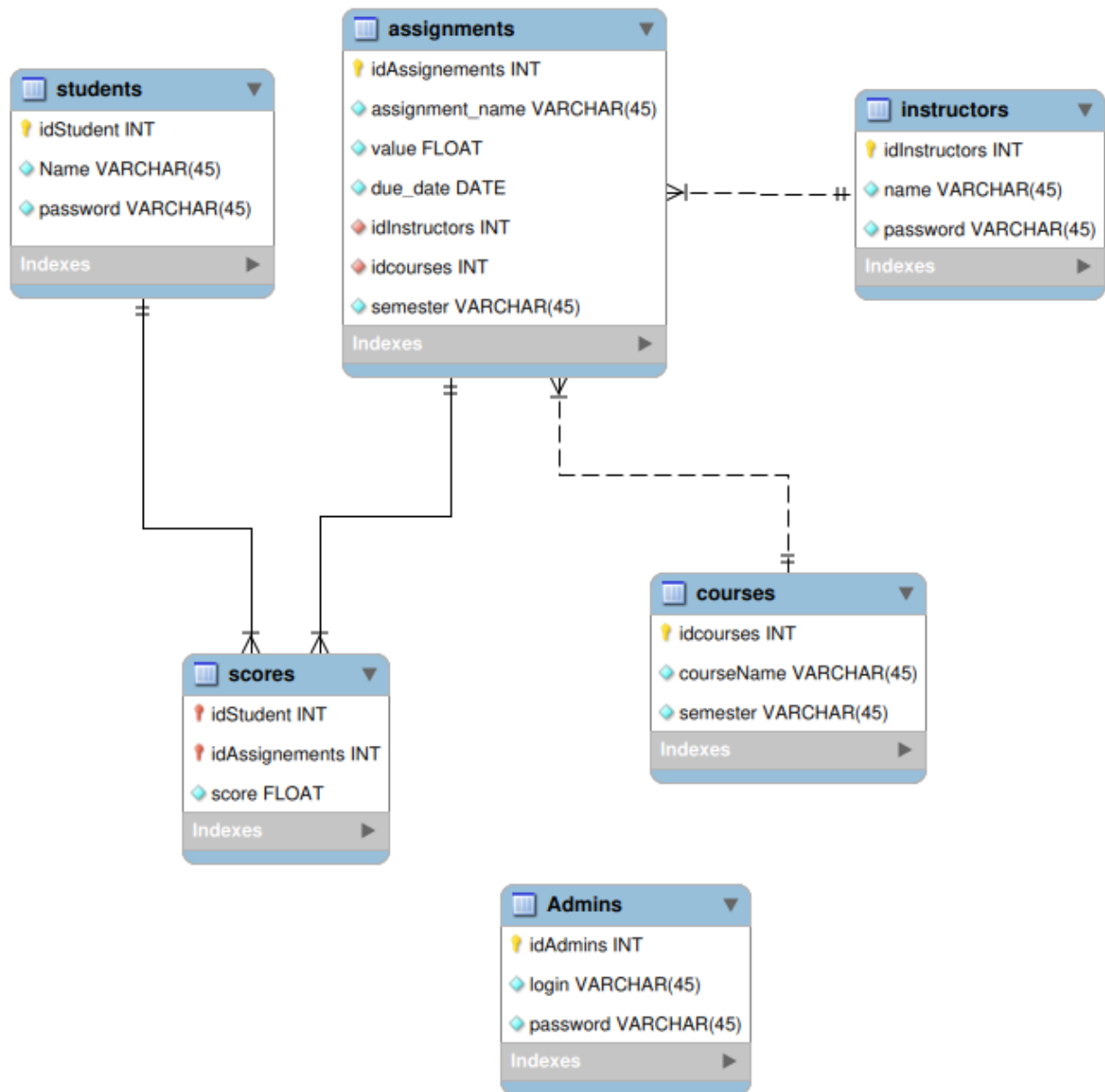


Gradebook Database

Developer: Andrew Shiraki

Course: CST438-40_SP23: Software Engineering

Diagram:



Tables:

1. Students
 - a. PK: student ID
 - b. Name: Non unique
 - c. Password: Used for login
2. Instructors:
 - a. PK: Instructor ID

- b. Name: Non unique
 - c. Password: Used for login
- 3. Courses:
 - a. PK: Course ID automatically generated
 - b. Course Name: Human readable course name
 - c. Semester: autological
- 4. Assignments:
 - a. PK: Assignment ID which is auto generated
 - b. Assignment Name: Human readable and human searchable assignment name
 - c. Value: total number of possible points
 - d. Due_date: autological
 - e. idInstructor: Instructor that added the assignment
 - f. idCourses: Will be necessary to query assignments from course
 - g. Semester: Will be necessary to query assignment from relevant semester
- 5. Scores:
 - a. PK: student ID
 - b. PK: Assignment ID
 - c. Score: how many points achieved on associated assignment by associated student
- 6. Admins:
 - a. PK: Admin ID
 - b. Login: User name used to log in
 - c. Password: use to validate