Conceptual Model of Driving School Schedualing System

-appoints

Appoints is a association shown a many-to-many relationship between students and courses. In the system, a student may only register for a ID but 0..* not has an appointment.

Student

<<key>> studentID: INTEGER

firstName: TEXT lastName: TEXT

gender: {Male, Female,...}
phoneNumber: TEXT

email: TEXT address: TEXT

The student class contains the basic information of students to learn driving. Assume that one student can only have one phone number, and one address in the system. Besides, Phone number, and address cannot be null.

Course

<<key>> courseID: INTEGER

courseName: TEXT
carType: TEXT
startTime: TEXT
duration: TEXT
courseInfo: TEXT
capacity: INTEGER
coachID: FOREIGN KEY

0..*

A coach can teach one or more courses while a course can only teach by a certain coach, which means it is a one-to-many relationship in this system. Start time and duration shows the details of each course

CoachLeaderboard

<<key>> coach: Object

A leaderboard claims best

score: TEXT

coach by its ratings or longest history in descending order.

1..*

1 Coach 0..*

<<key>> coachID: INTEGER

firstName: TEXT lastName: TEXT registerOn: TIME ratings: NUMERIC location: TEXT phoneNumber: TEXT

1..*

Contains information of a coach. The registerOn attribute shows when the driver start to teach students.