

```

> {
  _id: ObjectId("619d32d6fc13ae29ff000098")
  courseID: 2
  courseName: "DL301"
  carType: "Brougham"
  startTime: "14:01"
  duration: "3.5 Hours"
  courseInfo: null
  capacity: 8
  coach: Object
    firstName: "Dorolice"
    lastName: "Rosendale"
    registerOn: "10/24/2019"
    location: "TX"
    phoneNumber: "(512) 5503207"
    ratings: 4.88
  students: Array
    0: Object
      sID: 11
      firstName: "Michale"
      lastName: "Toland"
      email: "mtolanda@answers.com"
    1: Object
      sID: 16
      firstName: "Alisha"
      lastName: "Grassot"
      email: "agrassotf@behance.net"
    2: Object
      sID: 18
      firstName: "Rene"
      lastName: "Kulver"
      email: "rkulverh@google.co.uk"
    3: Object

```

This is an example from Courses collection. A course has some information like course ID, name, car type, etc. Besides, a course has a certain coach and a coach can have many courses, so it is a one-to-many relationship. Thus, in this example coach is an object. Finally, the relationship between students and courses is many-to-many. So, I choose json array to store students' information and each one in the array is an object. Moreover, I embedded some of the fields from students' information like name and email in the schema to save memory and reduce the time of query.

```
_id: ObjectId("619ca083f6a0af305d000a6b")  
studentID: 1  
firstName: "Bobbie"  
lastName: "MacAlaster"  
gender: "Non-binary"  
phoneNumber: "(401) 5758412"  
email: "bmacalaster0@mozilla.com"  
address: "029 Buena Vista Park"
```

```
> _id: ObjectId("619ca083f6a0af305d000a6c")  
studentID: 2  
firstName: "Lazaro"  
lastName: "McRinn"  
gender: "Agender"  
phoneNumber: "(595) 9360652"  
email: "lmcrinn1@hubpages.com"  
address: "08880 Donald Alley"
```

```
_id: ObjectId("619ca083f6a0af305d000a6d")  
studentID: 3  
firstName: "Dionne"  
lastName: "Kynvin"  
gender: "Genderfluid"  
phoneNumber: "(206) 9417461"  
email: "dkynvin2@economist.com"  
address: "3964 Mosinee Pass"
```

These are some examples from Students collection. The reason why I have this collection is that I need to implement CRUD operations for students. We can use \$lookup to find the courses of a student from Courses collection.