

Node.JS – HW – Server with DB

You need to build a Back End based on 2 Server and a MongoDB based data base called “studentDB”

The “studentDB” has 2 collections:

student

- _id (ObjectID, PK)
- Name (string)
- City (string)
- Faculty (string)

grade

- _id (ObjectID, PK)
- StudentID (ObjectID)
- Profession (string)
- Score (string)

Each student can has multiple grades in the “grade” collection

The server exposes the following End points:

/grade - returns all data from “grade” collection

/grade/profession - returns all data from “grade” collection only for a given profession
(for example : /grade/Biology)

/student – returns all data from “student” collection

/student/id - returns data from “student” collection with given id (for example :
/student/4nns2netnn455naq2)

/student/category/faculty - returns only the faculties from “student” collection

/student/category/withgrades – returns all data from “student” collection and their
grades from “grade” collection !!

Remember : For every End Point you have only 1 service that can access one or more
repositories.