Rafael test

You were asked to create a server-side application to support the local university’s student enrollment system. The university’s IT department has sent the following requirements:

1. **Create university**
   1. Method: Post
   2. Endpoint: /university
   3. Payload: json => { name: string , maxNumberOfStudents: Integer, minGpa:float]}
   4. return value: id
2. **Get university**
   1. Method: Get
   2. Endpoint: /university/{universityId}
   3. return value: university
3. **Create student**
   1. Method:Post
   2. Endpoint: /student
   3. Payload: json=> { name: string , grades: [{courseName: string, grade: Integer}]}
   4. Return value: id
4. **Enroll student**
   1. Method: Post
   2. Endpoint: /enroll/{studentId}/{universityId}
   3. constraints: a student can enroll to a university only if the following constraints are met:
      1. The university has not yet reached its full student capacity
      2. Enrolling student meets the minimum GPA standard set by the university
5. **Get Students**
   1. Method: Get
   2. Endpoint: /students/{universityId}
   3. Return Value: an array of students

**Technical Requirements:**

1. You will be using a standalone web server
2. you can use any technology stack you are comfortable with
3. You can select any type of DB to store the data in
4. Add a readme file with instructions on how to run the code
5. When finished, upload the code to a remote git repository, and send us a link