SchoolCRUD project's Endpoint API documentation

The api's root is "school" which means that all the endpoint APIs will have the following URL format: "http://localhost:8080/school/{SPECIFIC_API_CALL".

- "8080" depending on the port your app is hosted on and " {SPECIFIC_API_CALL} " will change with the following API calls depending on what you want :

1- GET endpoints :

- Students:
 - Get all students: "http://localhost:8080/school/students"
 - Get student by ID: "http://localhost:8080/school/student/{Student_id}"
 Student_id is the student's ID in the database

- Courses:

- Get a specific student's courses : "http://localhost:8080/school/student/{studentId}/courses"
- Get a course by ID: "http://localhost:8080/school/course/{course_id}"
 Course id is the course's ID in the database

- Exams:

Get a specific student's Exams
 "http://localhost:8080/school/student/{studentId}/exams"
 Student id is the student's ID in the database

2- POST, PUT and DELETE endpoints :

A. POST endpoints:

- Student :
 - Create a student: "http://localhost:8080/school/student"
 Body Type: JSON
 Body Format:

- Course:

- Create a student :

"http://localhost:8080/school/student/{student_id}/course"

• Student id is the student's ID in the database

Body Type: JSON Body Format:

```
{
  "courseName" : "Math",
  "courseDescription" : "1st session's Math course "
}
```

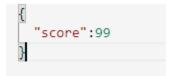
Exam :

Create a student :

"http://localhost:8080/school/student/{studentd}/course/{courseld}/exam"

- StudentId is the student's ID in the database
- courseld is the course's ID in the database

Body Type: JSON Body Format:



B. PUT & DELETE endpoints:

NOTE: The body type and format is the same as the POST endpoints.

- Student:
 - Update a student: "http://localhost:8080/school/student/{studentId}"
 - Delete a student: "http://localhost:8080/school/student/remove/{studentId}"
 - StudentId is the student's ID in the database
- Course:
 - Delete a course: "http://localhost:8080/school/course/{courseld}"
 - Courseld is the course's ID in the database