

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}](http://localhost:8080/school/{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 :

```
1 {  
2   "name" : "yasia"  
3 }
```

- 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/{studentId}/course/{courseId}/exam>”

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

Body Type : JSON

Body Format :

```
{
  "score":99
}
```

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/{courseId}>”
 - CourseId is the course's ID in the database