

This document serves as a dissection of the current routes found in the Database Breakdown branch. All routes are separated by their HTTPS verb, and each route section shows the purpose of the route, what is needed for the route to work, error codes, and results.

## GET

### /health - Health Route

Return whether port is active

No params needed.

Responds with data array: {status, port} and a 200 on success.  
Returns a 500 for an internal server error.

### /allStudents - Get All Students

Return all students found within the database

No params needed.

Responds with data array: {id, name} and a 200 on success.  
Returns a 500 for internal server error with error msg.

### /student/:id - Get Student by ID

Given an id, return matching student

Params:

URL:

id, this refers to student ID

Responds with data array: {id, name} and a 200 on success.  
Returns a 500 for an internal server error with error msg.

### /student - Get Student by Name

Given a name, return matching student(s)

Params:

Query:

name, this refers student name

Responds with data array: {id, name} and a 200 on success.

Returns a 500 for an internal server error with msg.

## POST

### /newStudent - Create New Student

Given a name, create and return new student

Params;

Body:

name, this refers to name of student

Responds with data array: {id, name} and a 200 on success.

Returns a 500 for an internal server error with msg.

## PUT

### /student/:id - Update Student Info

Given an id and name, update and return student

Params:

URL:

id, this refers to student ID

Body:

name, this refers to student name

Responds with data array: {id, name} and a 200 on success.

Returns a 500 for an internal server error with msg.

## DELETE

### /student/:id - Delete Student

Given an id, delete student

Params:

URL:

id, this refers to student ID

Responds with a 200 on success.

Returns a 500 for an internal server error with msg.