

# home-iot-api

## API and SDK Documentation

Version: 1.0.0

The API for the EatBacon IOT project

## Classroom

### classroomCreateClassroomPost

Create a new classroom

POST

/classroom/createClassroom

#### Usage and SDK Samples

Curl    Java    Android    Obj-C    JavaScript    C#    PHP    Perl    Python

```
curl -X POST\  
-H "Authorization: Bearer [[accessToken]]"\  
-H "Accept: application/json"\  
-H "Content-Type: application/json"\  
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/classroom/createClassroom"
```

#### Parameters

Body parameters

Name	Description
body *	<div>▼ { []</div> <div>Required: name</div> <div>name: ▼ { [] string</div> <div><i>The name of the classroom</i></div> <div>example: Classroom A</div> <div>}</div>

#### Responses

Status: 200 - Classroom created successfully

Schema

```
▼ { []  
Required: code,message,ok  
ok:      boolean  
        example: true  
  
message: string  
        example: Successfully Created Classroom  
  
code:    integer  
        example: 200  
  
data:    ▼ { []  
        _id:    string  
              example: 65ca386bae1f61e047a2abf9  
        name:   string  
              example: Venus
```

```
      school: string
      example: 65cab7b10f1a3c67faf5497d
    }
  }
}
```

Status: 400 - Invalid request body or query parameters

Status: 401 - Unauthorized - User's role in JWT token is not super

## classroomDeleteClassroomDelete

Delete a classroom by ID

DELETE

/classroom/deleteClassroom

### Usage and SDK Samples

- Curl
- Java
- Android
- Obj-C
- JavaScript
- C#
- PHP
- Perl
- Python

```
curl -X DELETE \
-H "Authorization: Bearer [[accessToken]]" \
-H "Accept: application/json" \
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/classroom/deleteClassroom?classroomId="
```

### Parameters

Query parameters

Name	Description
classroomId*	String <i>The ID of the classroom to delete</i> Required

### Responses

Status: 200 - Classroom deleted successfully

Schema

▼ { []

selfHandleResponse: ▼ { []

ok: boolean  
example: true

message: string  
example: Successfully Deleted Classroom

code: integer  
example: 200

}

}

Status: 401 - Unauthorized - User's role in JWT token is not school admin

Status: 404 - Classroom found

Schema

▼ { []

```
selfHandleResponse: ▼ { []
  ok:      boolean
  message: string
           example: Invalid Student or Classroom!
  code:    integer
           example: 404
}
```

## classroomGetClassroomStudentsGet

Get student in a specific classroo,

GET

/classroom/getClassroomStudents

### Usage and SDK Samples

- Curl
- Java
- Android
- Obj-C
- JavaScript
- C#
- PHP
- Perl
- Python

```
curl -X GET\
-H "Authorization: Bearer [[accessToken]]"\
-H "Accept: application/json"\
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/classroom/getClassroomStudents?classroomId=
"
```

### Parameters

Query parameters

Name	Description
classroomId*	String <i>The ID of the classroomyy</i> Required

### Responses

Status: 200 - Classrooms retrieved

Schema

▼ { []  
Required: data,message,ok  
ok: boolean  
 example: true  
  
data: ▼[ []  
 ▼ { []  
 Required: \_id,age,name  
 \_id: string  
 example: 65cab7b10f1a3c67faf5497d  
  
 name: string  
 example: John Doe  
  
 age: integer  
 example: 18  
 }  
 ]  
  
message: string  
 example: Students retrieved successfully

```
}
```

## classroomGetClassroomsGet

Get classrooms that are not assigned to a school yet

GET

/classroom/getClassrooms

### Usage and SDK Samples

Curl Java Android Obj-C JavaScript C# PHP Perl Python

```
curl -X GET\  
-H "Authorization: Bearer [[accessToken]]"\  
-H "Accept: application/json"\  
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/classroom/getClassrooms"
```

### Parameters

### Responses

Status: 200 - Classrooms retrieved

Schema

```
▼ { []  
  Required: code,message,ok  
  ok:   boolean  
        example: true  
  code: integer  
        example: 200  
  data: ▼ [ []  
        ▼ { []  
          _id:   string  
                example: 65ca386bae1f61e047a2abf9  
          name:  string  
                example: Venus  
          school: string  
                 example: 65cab7b10f1a3c67faf5497d  
        }  
      ]  
}
```

## classroomUpdateClassroomPut

Update the classroom's school

PUT

/classroom/updateClassroom

Usage and SDK Samples

CurlJavaAndroidObj-CJavaScriptC#PHPPerlPython

```
curl -X PUT\
-H "Authorization: Bearer [[accessToken]]"\
-H "Accept: application/json"\
-H "Content-Type: application/json"\
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/classroom/updateClassroom"
```

Parameters

Body parameters

Name	Description
body *	<div><div>▼ { []</div><div>Required: classroomId,schoolId</div><div>classroomId: ▼ [] string</div><div>The ID of the classroom to add</div><div>example: 123e4567-e89b-12d3-a456-426614174000</div><div>schoolId: ▼ [] string</div><div>The ID of the school to add the classroom to</div><div>example: 123e4567-e89b-12d3-a456-426614174001</div><div>}</div></div>

Responses

Status: 200 - Successfully Updated Classroom

Schema
<div><div>▼ { []</div><div>Required: data,errors,message,ok</div><div>ok: boolean</div><div>example: true</div><div>data: ▼ { []</div><div>_id: string</div><div>example: 65ca386bae1f61e047a2abf9</div><div>name: string</div><div>example: Venus</div><div>school: string</div><div>example: 65cab7b10f1a3c67faf5497d</div><div>}</div><div>errors: ▼[ []</div><div>&lt;any&gt;</div><div>example:</div><div>message: string</div><div>}</div></div>

Status: 400 - Invalid request body or query parameters

Status: 401 - Unauthorized - User's role in JWT token is not school admin

Status: 404 - Invalid school or classroom

# schoolAddSchoolAdminPut

Add an admin to a school

PUT

/school/addSchoolAdmin

## Usage and SDK Samples

Curl    Java    Android    Obj-C    JavaScript    C#    PHP    Perl    Python

```
curl -X PUT \
-H "Authorization: Bearer [[accessToken]]" \
-H "Accept: application/json" \
-H "Content-Type: application/json" \
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/school/addSchoolAdmin"
```

## Parameters

Body parameters

Name	Description
body *	<div><div>▼ { []</div><div>Required: schoolId,userId</div><div>username: ▼ [] string</div><div>The username of the admin to be added to school</div><div>example: ahmed</div><div>name: ▼ [] string</div><div>The School Name</div><div>example: ALS</div><div>}</div></div>

## Responses

Status: 200 - Admin added to school successfully

Schema
<div><div>▼ { []</div><div>Required: data,errors,message,ok</div><div>ok: boolean</div><div>example: true</div><div>data: undefined</div><div>errors: ▼[ []</div><div>&lt;any&gt;</div><div>]</div><div>example:</div><div>message: string</div><div>example: Admin Added to school!</div><div>}</div></div>

Status: 400 - Invalid request body or query parameters

Status: 401 - Unauthorized - User's role in JWT token is not superadmin

Status: 404 - Invalid School or Admin

# schoolCreatePost

Create a new school

POST

/school/create

## Usage and SDK Samples

CurlJavaAndroidObj-CJavaScriptC#PHPPerlPython

curl -X POST\  
-H "Authorization: Bearer [[accessToken]]"\  
-H "Accept: application/json"\  
-H "Content-Type: application/json"\  
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/school/create"

## Parameters

Body parameters

Name	Description
body *	<div><div>▼ { []</div><div>Required: name</div><div>name: ▼ [] string</div><div>The name of the school</div><div>example: Example School</div></div> <div>}</div>

## Responses

Status: 201 - School created successfully

Schema

▼ { []

ok: boolean

example: true

data: ▼ { []

schoolDetails: ▼ { []

\_id: string

example: 65cb8021b7a224b407d38ba7

name: string

example: Riada

admins: ►[] []

example:

}

}

}

Status: 400 - Invalid request body or query parameters

Status: 401 - Unauthorized - User's role in JWT token is not superadmin

Status: 409 - School Already Exists

# schoolDeleteSchoolDelete

Delete a school by ID

DELETE

/school/deleteSchool

Usage and SDK Samples

Curl    Java    Android    Obj-C    JavaScript    C#    PHP    Perl    Python

```
curl -X DELETE \
-H "Authorization: Bearer [[accessToken]]" \
-H "Accept: application/json" \
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/school/deleteSchool?schoolId="
```

Parameters

Query parameters

Name	Description
schoolId*	UUID (uuid) <i>The ID of the school to delete</i> Required

Responses

Status: 200 - School deleted successfully

Status: 400 - Invalid request body or query parameters

Status: 401 - Unauthorized - User's role in JWT token is not superadmin

Status: 404 - The specified school was not found

Schema

```
▼ { []
  selfHandleResponse: ▼ { []
    ok:      boolean
    message: string
              example: Invalid Username or Password
    code:    integer
              example: 404
  }
}
```

schoolGetSchoolsGet

Get a list of all schools that the user can see

GET

/school/getSchools

Usage and SDK Samples

Curl    Java    Android    Obj-C    JavaScript    C#    PHP    Perl    Python



```
curl -X GET\  
-H "Authorization: Bearer [[accessToken]]"\  
-H "Accept: application/json"\  
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/school/getSchools"
```

Parameters

Responses

Status: 200 - List of schools retrieved successfully

Schema

▼ { []

Required: data,errors,message,ok

ok: boolean  
example: true

data: ▼[ []  
 ▼ { []  
 \_id: string  
 example: 65cb8021b7a224b407d38ba7  
 name: string  
 example: Riada  
 admins: ▼[ []  
 <any>  
 ]  
 example:  
 }  
]  
errors: ▼[ []  
 <any>  
]  
example:  
message: string  
}

# Student

## classroomUpdateStudentPut

Update a student

PUT

/classroom/updateStudent

Usage and SDK Samples

- Curl
- Java
- Android
- Obj-C
- JavaScript
- C#
- PHP
- Perl
- Python

```
curl -X PUT \
-H "Authorization: Bearer [[accessToken]]" \
-H "Accept: application/json" \
-H "Content-Type: application/json" \
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/classroom/updateStudent"
```

Parameters

Body parameters

Name	Description
body *	<div><div>▼ { []</div><div>Required: classroomId,studentId</div><div>classroomId: ▼ [] string</div><div>The ID of the classroom</div><div>example: 65ca386bae1f61e047a2abf9</div><div>age: ▼ [] number</div><div>The age of the student</div><div>}</div></div>

Responses

Status: 200 - Student added to the classroom successfully

Schema

▼ { []

selfHandleResponse: ▼ { []

ok: boolean

example: true

message: string

example: Successfully Added Student to Classroom

code: integer

example: 200

data: ▼ { []

\_id: string

example: 65ca386bae1f61e047a2abf9

name: string

example: Venus

school: string

example: 65cab7b10f1a3c67faf5497d

}

}

}

Status: 401 - Unauthorized - User's role in JWT token is not school admin

Status: 404 - Invalid Student

Schema

▼ { []

selfHandleResponse: ▼ { []

ok: boolean

message: string

example: Invalid Student or Classroom!

code: integer

example: 404

}

}

# studentCreateStudentPost

Create a new student

POST

/student/createStudent

## Usage and SDK Samples

Curl    Java    Android    Obj-C    JavaScript    C#    PHP    Perl    Python

```
curl -X POST \
-H "Authorization: Bearer [[accessToken]]" \
-H "Accept: application/json" \
-H "Content-Type: application/json" \
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/student/createStudent"
```

## Parameters

Body parameters

Name	Description
body *	<div>▼ { []</div> <div>Required: _id,age,name</div> <div>  _id:   string</div> <div>        example: 65cab7b10f1a3c67faf5497d</div> <div>  name: string</div> <div>        example: John Doe</div> <div>  age:   integer</div> <div>        example: 18</div> <div>  }</div>

## Responses

Status: 200 - Successfully Created Student

Schema

▼ { []

Required: message - data,ok

ok:       boolean

example: true

message: string

example: Successfully Created Student

data:     ▼ { []

Required: \_id,age,name

\_id:    string

example: 65cab7b10f1a3c67faf5497d

name: string

example: John Doe

age:   integer

example: 18

}

}

Status: 400 - Invalid request body or query parameters

Status: 401 - Unauthorized - User's role in JWT token is not school admin

# studentDeleteStudentDelete

Delete a student by ID

DELETE

/student/deleteStudent

## Usage and SDK Samples

Curl    Java    Android    Obj-C    JavaScript    C#    PHP    Perl    Python

```
curl -X DELETE \
-H "Authorization: Bearer [[accessToken]]" \
-H "Accept: application/json" \
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/student/deleteStudent?studentId="
```

## Parameters

Query parameters

Name	Description
studentId*	String <i>The ID of the student to delete</i> Required

## Responses

Status: 200 - Student deleted successfully

Schema

▼ { []

Required: data,errors,messag,ok

ok: boolean  
example: true

data: ▼ { []  
}  
example: [object Object]

errors: ▼[ []  
<any>  
]  
example:

message: string  
example: Successfully Deleted Student

}

Status: 401 - Unauthorized - User's role in JWT token is not school admin

Status: 404 - Invalid Student Id

# studentGetFreeStudentsGet

Get all students

GET

```
/student/getFreeStudents
```

## Usage and SDK Samples

[Curl](#) [Java](#) [Android](#) [Obj-C](#) [JavaScript](#) [C#](#) [PHP](#) [Perl](#) [Python](#)

```
curl -X GET\  
-H "Authorization: Bearer [[accessToken]]"\  
-H "Accept: application/json"\  
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/student/getFreeStudents"
```

## Parameters

## Responses

### Status: 200 - List of students retrieved successfully

Schema

```
▼ { []  
  Required: data,message,ok  
  ok:      boolean  
          example: true  
  data:    ▼[ []  
            ▼ { []  
              Required: _id,age,name  
              _id:      string  
                    example: 65cab7b10f1a3c67faf5497d  
              name:     string  
                    example: John Doe  
              age:      integer  
                    example: 18  
            }  
          ]  
  message: string  
          example: Students retrieved successfully  
}
```

### Status: 401 - Unauthorized - User's role in JWT token is not school admin

# User

## userCreateUserPost

**POST**

```
/user/createUser
```

## Usage and SDK Samples

[Curl](#) [Java](#) [Android](#) [Obj-C](#) [JavaScript](#) [C#](#) [PHP](#) [Perl](#) [Python](#)

```
curl -X POST\
-H "Accept: application/json"\
-H "Content-Type: application/json"\
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/user/createUser"
```

Parameters

Body parameters

Name	Description
body *	<div><div>▼ { []</div><div>Required: email,password,role,username</div><div>username: ▼ [] string</div><div>The username of the user.</div><div>example: johndoe123</div><div>password: ▼ [] string</div><div>The password of the user.</div><div>example: MySecurePassword123</div><div>email: ▼ [] string (email)</div><div>The email address of the user.</div><div>example: johndoe@example.com</div><div>role: ▼ [] string</div><div>The role of the user.</div><div>example: admin</div><div>}</div></div>

Responses

Status: 200 - Successful creation of user

Schema

▼ { []

ok: boolean

example: true

data: ▼ { []

userDetails: ▼ { []

username: string

example: Ahm123edddd

email: string

example: os121212@mail.com

role: string

example: school admin

}

longToken: string

example: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyS2V5IjoiQWhtMTIzZWZkZGQ1c2VySWQiOiI2NWNhYjgwNkZlGS1eT0ne4yw8Iv2G76\_9LX8

errors: ▼[ []

<any>

]

example:

message: string

}

}

Status: 400 - Invalid request body or query parameters

Status: 409 - User Exists

Schema

▼ { []

selfHandleResponse: ▼ { []

ok: boolean

message: string

example: Invalid Username or Password

code: integer

example: 409

}

}

## userDeleteDelete

Delete a user by username

DELETE

/user/delete

### Usage and SDK Samples

Curl

Java

Android

Obj-C

JavaScript

C#

PHP

Perl

Python

```
curl -X DELETE\  
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/user/delete?username="
```

### Parameters

Query parameters

Name	Description
username*	String <i>The username of the user to delete</i> Required

### Responses

Status: 200 - User deleted

Status: 400 - Invalid request body or query parameters

Status: 403 - User is not authorized to delete this user

## userLoginPost

POST

/user/login

### Usage and SDK Samples

Curl

Java

Android

Obj-C

JavaScript

C#

PHP

Perl

Python

```
curl -X POST\  
-H "Accept: application/json"\  
-H "Content-Type: application/json"\  
"https://virtserver.swaggerhub.com/AHMEDDOSAMA1/School-Management-API/1.0.0/user/login"
```

## Parameters

## Body parameters

Name	Description
body *	<div>▼ { []</div> <div>Required: password,username</div> <div>username: ▼ [] string</div> <div><i>The username of the user.</i></div> <div>password: ▼ [] string</div> <div><i>The password associated with the username.</i></div> <div>}</div>

## Responses

**Status: 200 - Successful creation of user**

## Schema

```
▼ { []  
  ok: boolean  
    example: true  
  
  data: ▼ { []  
    longToken: string  
      example:  
        eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyS2V5IjojQWh0MTIzZWZkZGQiLCJ1c2VySWQiOiI2NWNhYjgwNTLsGS1eT0ne4yw8lv2G76_9LX8  
  
    errors: ▼ [ []  
      <any>  
    ]  
    example:  
  
    message: string  
  }  
}
```

## Status: 400 - Invalid request body or query parameters

**Status: 404 - Invalid Username or Password**

## Schema

```

▼ { []
  selfHandleResponse: ▼ { []
    ok: boolean
    message: string
    example: Invalid Username or Password
    code: integer
    example: 404
  }
}

```



Suggestions, contact, support and error reporting;

Information URL: <https://helloverb.com> (<https://helloverb.com>)

Contact Info: [hello@helloverb.com](mailto:hello@helloverb.com) ([hello@helloverb.com](mailto:hello@helloverb.com))

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