

# API Help

## Requirement

- Visual studio 2022
- .NET V8.0
- SQL Server 2019

Using .NET and MS SQL Server, write API's to fulfil the following functionalities

## Part 1: Add a student profile

### Student

POST /api/Student/Profile Add new Profile

Parameters

No parameters

Request body

multipart/form-data

StudentName \* required

string

StudentName

StudentRegNo \* required

string

StudentRegNo

MainImage \* required

string(\$binary)

Choose File No file chosen

SecondaryImages

optional images

array

Add string item

☒ Send empty value

RegistrationDate

optional date of registration

string(\$date-time)

RegistrationDate

☒ Send empty value

Execute

## Read all student profiles

GET /api/Student/Profile\_List Display All Data of Students

Parameters

No parameters

Execute

Responses

| Code | Description | Links    |
|------|-------------|----------|
| 200  | Success     | No links |

## Part 2:

Generate token to access images



Server response

Code      Details

200

Response body



Response headers

```
content-length: 100032
content-type: image/jpeg
date: Thu, 08 Aug 2024 11:56:13 GMT
server: Kestrel
```