**USEFUL COMMANDS**

php artisan make:migration create\_student\_classes\_table --create=student\_classes

php artisan migrate

php artisan make:model StudentClass

php artisan make:controller Api/StudentClassController –resource

php artisan r:l

GET <http://127.0.0.1:8000/api/student-class>

POST <http://127.0.0.1:8000/api/student-class>

Header:

Accept : application/json

Content-Type : application/x-www-form-urlencoded

Body:

application/x-www-form-urlencoded

class\_name : Two

GET <http://127.0.0.1:8000/api/student-class/2>

PATCH <http://127.0.0.1:8000/api/student-class/2>

Header:

Accept : application/json

Content-Type : application/x-www-form-urlencoded

Body:

application/x-www-form-urlencoded

class\_name : 2

DELETE <http://127.0.0.1:8000/api/student-class/2>

**JWT TOKEN**

composer.json

"require": {

…

"tymon/jwt-auth": "dev-develop"

},

composer update

php artisan vendor:publish --provider="Tymon\JWTAuth\Providers\LaravelServiceProvider"

php artisan jwt:secret

DETAIL DOCUMENTATION…

<https://jwt-auth.readthedocs.io/en/develop/>

JWT LOGIN

POST <http://127.0.0.1:8000/api/auth/login>

Header:

Accept : application/json

Content-Type : application/x-www-form-urlencoded

Body:

application/x-www-form-urlencoded

email : [amit.inverse@gmail.com](mailto:amit.inverse@gmail.com)

password : 12345678

Response:

{

"access\_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOi8vMTI3LjAuMC4xOjgwMDAvYXBpL2F1dGgvbG9naW4iLCJpYXQiOjE2NTE0NTkyNjcsImV4cCI6MTY1MTQ2Mjg2NywibmJmIjoxNjUxNDU5MjY3LCJqdGkiOiJaNWFMZXh6d2tCYWt2d3dxIiwic3ViIjoiMSIsInBydiI6IjIzYmQ1Yzg5NDlmNjAwYWRiMzllNzAxYzQwMDg3MmRiN2E1OTc2ZjcifQ.INS1RJ\_VETqfUuV3lmBn8HjOIF76CSdpHefjYbmJ-6w",

"token\_type": "bearer",

"expires\_in": 3600

}

JWT ME

POST <http://127.0.0.1:8000/api/auth/me>

Header:

Accept : application/json

Content-Type : application/x-www-form-urlencoded

Authorization : Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOi8vMTI3LjAuMC4xOjgwMDAvYXBpL2F1dGgvbG9naW4iLCJpYXQiOjE2NTE0NTkyNjcsImV4cCI6MTY1MTQ2Mjg2NywibmJmIjoxNjUxNDU5MjY3LCJqdGkiOiJaNWFMZXh6d2tCYWt2d3dxIiwic3ViIjoiMSIsInBydiI6IjIzYmQ1Yzg5NDlmNjAwYWRiMzllNzAxYzQwMDg3MmRiN2E1OTc2ZjcifQ.INS1RJ\_VETqfUuV3lmBn8HjOIF76CSdpHefjYbmJ-6w

Response:

{

"id": 1,

"name": "Amit Kumar Das",

"email": "amit.inverse@gmail.com",

"email\_verified\_at": null,

"created\_at": null,

"updated\_at": null

}

JWT LOGOUT

POST <http://127.0.0.1:8000/api/auth/logout>

Header:

Accept : application/json

Content-Type : application/x-www-form-urlencoded

Authorization : Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOi8vMTI3LjAuMC4xOjgwMDAvYXBpL2F1dGgvbG9naW4iLCJpYXQiOjE2NTE0NTkyNjcsImV4cCI6MTY1MTQ2Mjg2NywibmJmIjoxNjUxNDU5MjY3LCJqdGkiOiJaNWFMZXh6d2tCYWt2d3dxIiwic3ViIjoiMSIsInBydiI6IjIzYmQ1Yzg5NDlmNjAwYWRiMzllNzAxYzQwMDg3MmRiN2E1OTc2ZjcifQ.INS1RJ\_VETqfUuV3lmBn8HjOIF76CSdpHefjYbmJ-6w

Response:

{

"message": "Successfully logged out"

}

JWT REGISTER

POST <http://127.0.0.1:8000/api/auth/register>

Header:

Accept : application/json

Content-Type : application/x-www-form-urlencoded

Body:

application/x-www-form-urlencoded

name : Jennifer

email : [jennifer@gmail.com](mailto:jennifer@gmail.com)

password : 12345678

password

\_confirmation : 12345678

Response:

{

"access\_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOi8vMTI3LjAuMC4xOjgwMDAvYXBpL2F1dGgvcmVnaXN0ZXIiLCJpYXQiOjE2NTE0NjE2NjQsImV4cCI6MTY1MTQ2NTI2NCwibmJmIjoxNjUxNDYxNjY0LCJqdGkiOiJxMlU5eHl6RlpocVZoYnBWIiwic3ViIjoiMiIsInBydiI6IjIzYmQ1Yzg5NDlmNjAwYWRiMzllNzAxYzQwMDg3MmRiN2E1OTc2ZjcifQ.1tJVe1VcpOvV73nRgqd\_XouDU2f48EfJtMPJVumuAZQ",

"token\_type": "bearer",

"expires\_in": 3600

}

**What is API?**

An application programming interface is a connection between computers or between computer programs. It is a type of software interface, offering a service to other pieces of software. A document or standard that describes how to build or use such a connection or interface is called an API specification.

**What is Third Party API?**

Third party APIs are APIs provided by third parties — generally companies such as Facebook, Twitter, or Google — to allow you to access their functionality via JavaScript and use it on your site. One of the most obvious examples is using mapping APIs to display custom maps on your pages.

**What is REST API?**

A REST API (also known as RESTful API) is an application programming interface (API or web API) that conforms to the constraints of REST architectural style and allows for interaction with RESTful web services. REST stands for representational state transfer and was created by computer scientist Roy Fielding.