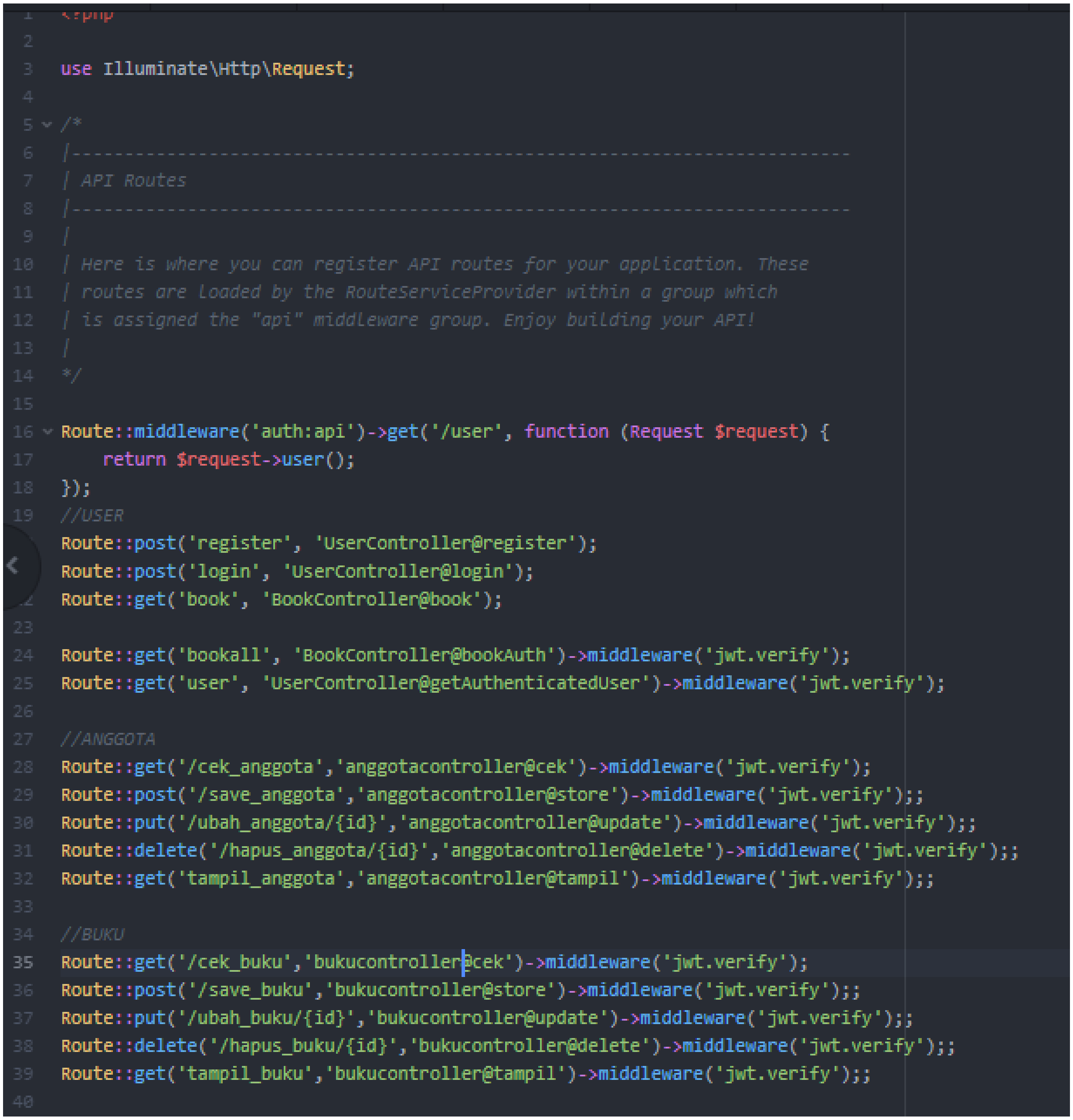
Nama : Mukhamad Rico Ramada

Kelas : XIRPL6

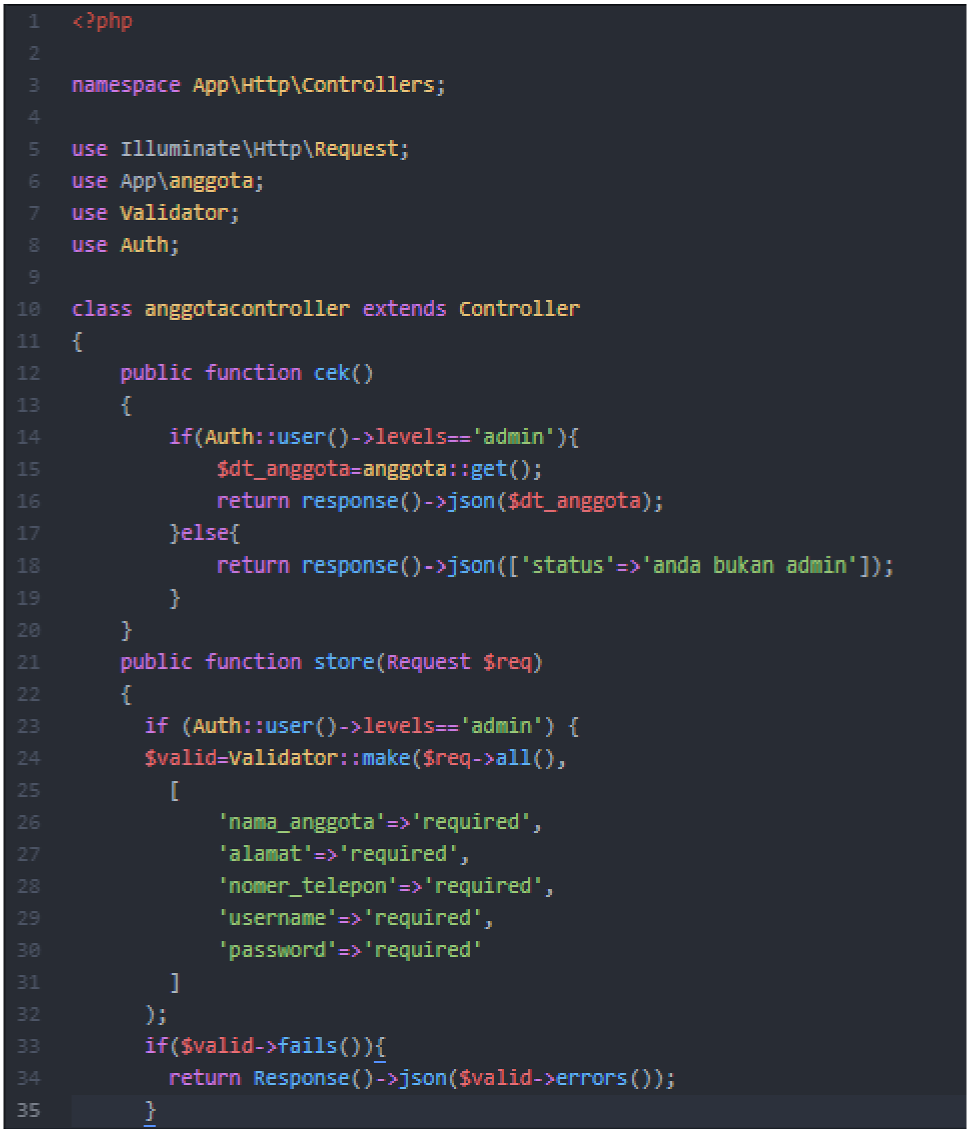
Absen : 23

API

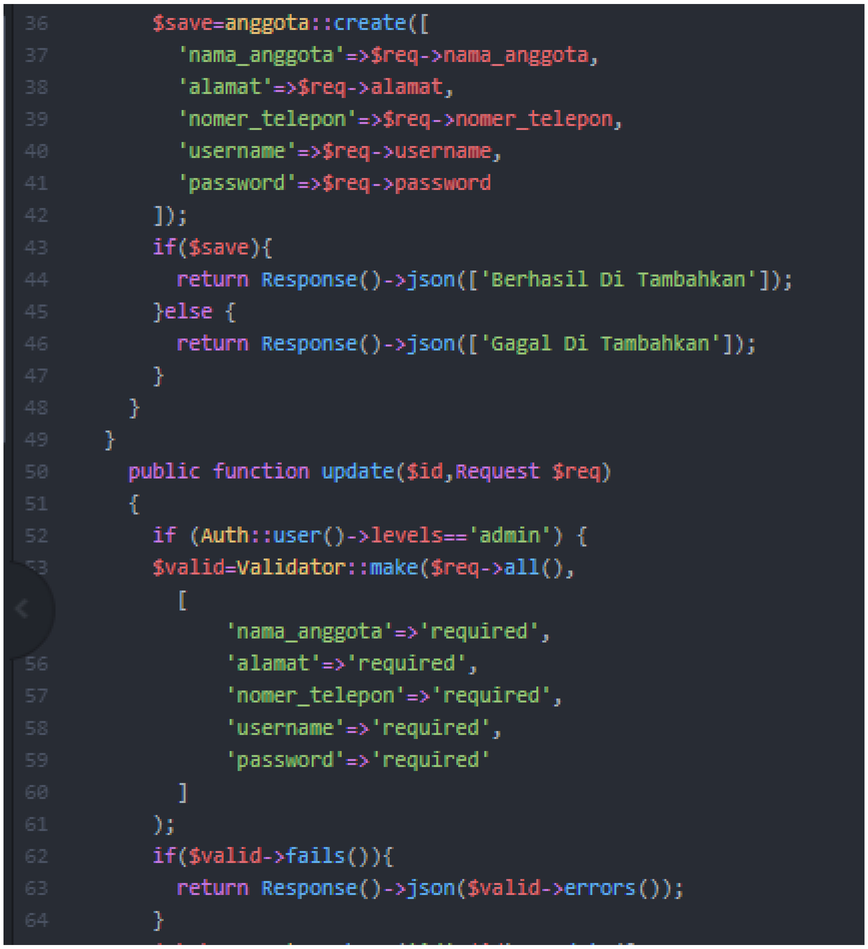


```php
<?php

use Illuminate\Http\Request;

/*
|--------------------------------------------------------------------------
| API Routes
|--------------------------------------------------------------------------
|
| Here is where you can register API routes for your application. These
| routes are loaded by the RouteServiceProvider within a group which
| is assigned the "api" middleware group. Enjoy building your API!
|
*/

Route::middleware('auth:api')->get('/user', function (Request $request) {
    return $request->user();
});
//USER
Route::post('register', 'UserController@register');
Route::post('login', 'UserController@login');
Route::get('book', 'BookController@book');

Route::get('bookall', 'BookController@bookAuth')->middleware('jwt.verify');
Route::get('user', 'UserController@getAuthenticatedUser')->middleware('jwt.verify');

//ANGGOTA
Route::get('/cek_anggota','anggotacontroller@cek')->middleware('jwt.verify');
Route::post('/save_anggota','anggotacontroller@store')->middleware('jwt.verify');;
Route::put('/ubah_anggota/{id}','anggotacontroller@update')->middleware('jwt.verify');;
Route::delete('/hapus_anggota/{id}','anggotacontroller@delete')->middleware('jwt.verify');;
Route::get('tampil_anggota','anggotacontroller@tampil')->middleware('jwt.verify');;

//BUKU
Route::get('/cek_buku','bukucontroller@cek')->middleware('jwt.verify');
Route::post('/save_buku','bukucontroller@store')->middleware('jwt.verify');;
Route::put('/ubah_buku/{id}','bukucontroller@update')->middleware('jwt.verify');;
Route::delete('/hapus_buku/{id}','bukucontroller@delete')->middleware('jwt.verify');;
Route::get('tampil_buku','bukucontroller@tampil')->middleware('jwt.verify');;
```

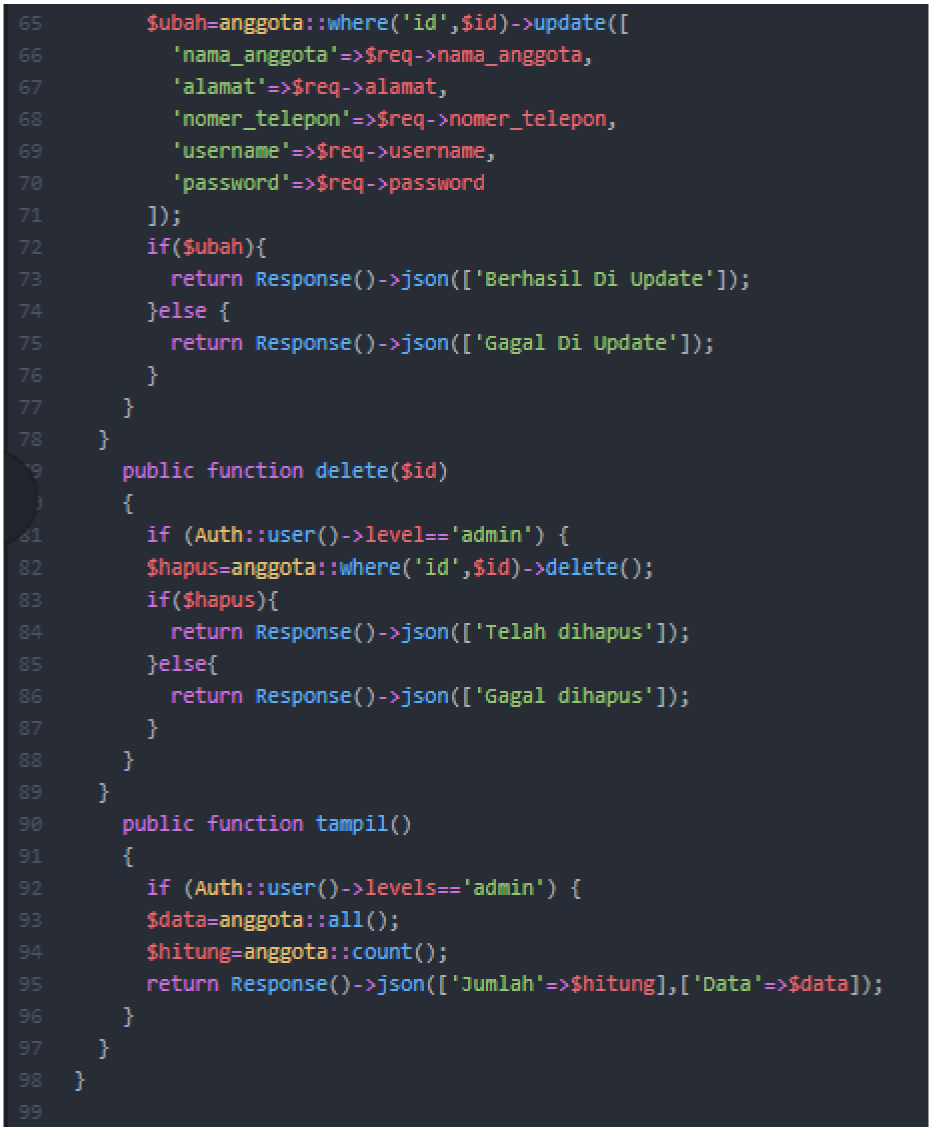
Controller Anggota



```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\anggota;
use Validator;
use Auth;

class anggotacontroller extends Controller
{
    public function cek()
    {
        if(Auth::user()->levels=='admin'){
            $dt_anggota=anggota::get();
            return response()->json($dt_anggota);
        }else{
            return response()->json(['status'=>'anda bukan admin']);
        }
    }
    public function store(Request $req)
    {
      if (Auth::user()->levels=='admin') {
      $valid=Validator::make($req->all(),
        [
            'nama_anggota'=>'required',
            'alamat'=>'required',
            'nomer_telepon'=>'required',
            'username'=>'required',
            'password'=>'required'
        ]
      );
      if($valid->fails()){
        return Response()->json($valid->errors());
      }
```

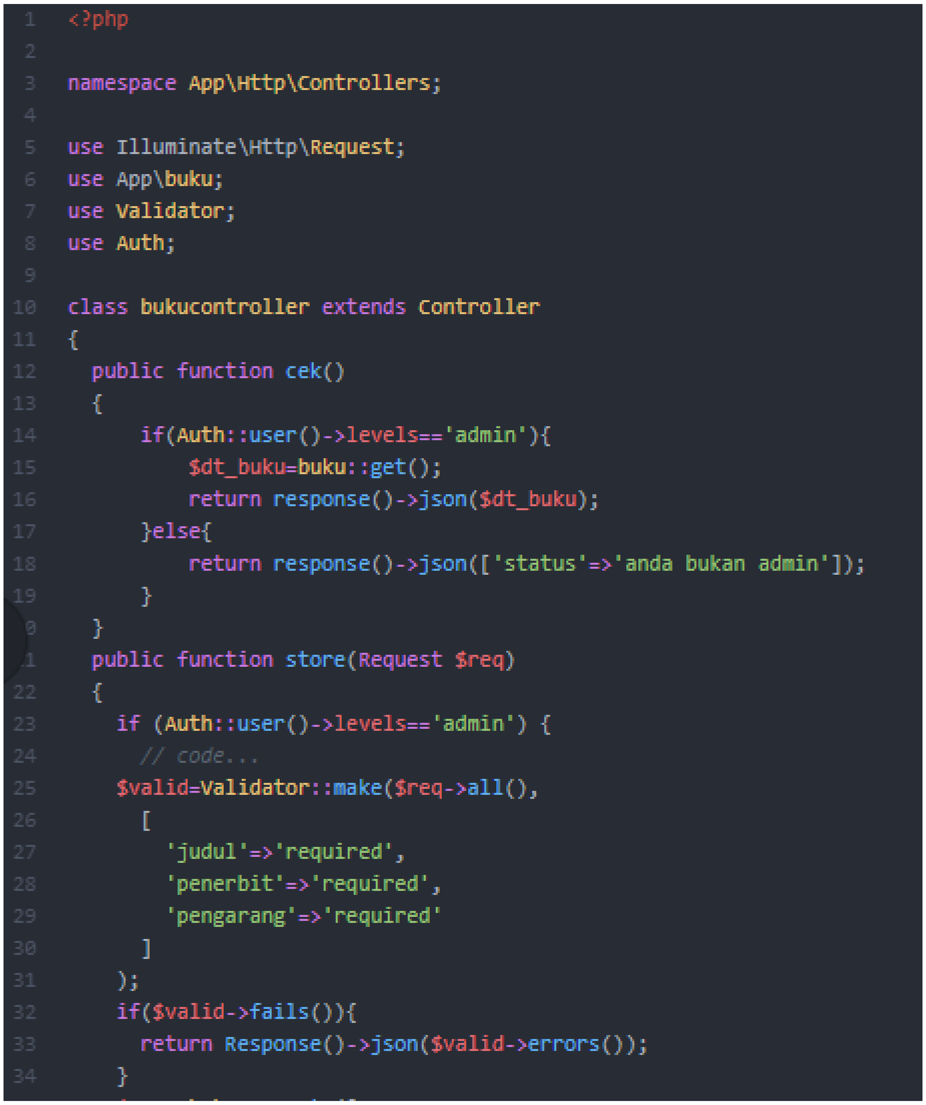


```php
      $save=anggota::create([
        'nama_anggota'=>$req->nama_anggota,
        'alamat'=>$req->alamat,
        'nomer_telepon'=>$req->nomer_telepon,
        'username'=>$req->username,
        'password'=>$req->password
      ]);
      if($save){
        return Response()->json(['Berhasil Di Tambahkan']);
      }else {
        return Response()->json(['Gagal Di Tambahkan']);
      }
    }
  }
    public function update($id,Request $req)
    {
      if (Auth::user()->levels=='admin') {
      $valid=Validator::make($req->all(),
        [
            'nama_anggota'=>'required',
            'alamat'=>'required',
            'nomer_telepon'=>'required',
            'username'=>'required',
            'password'=>'required'
        ]
      );
      if($valid->fails()){
        return Response()->json($valid->errors());
      }
```

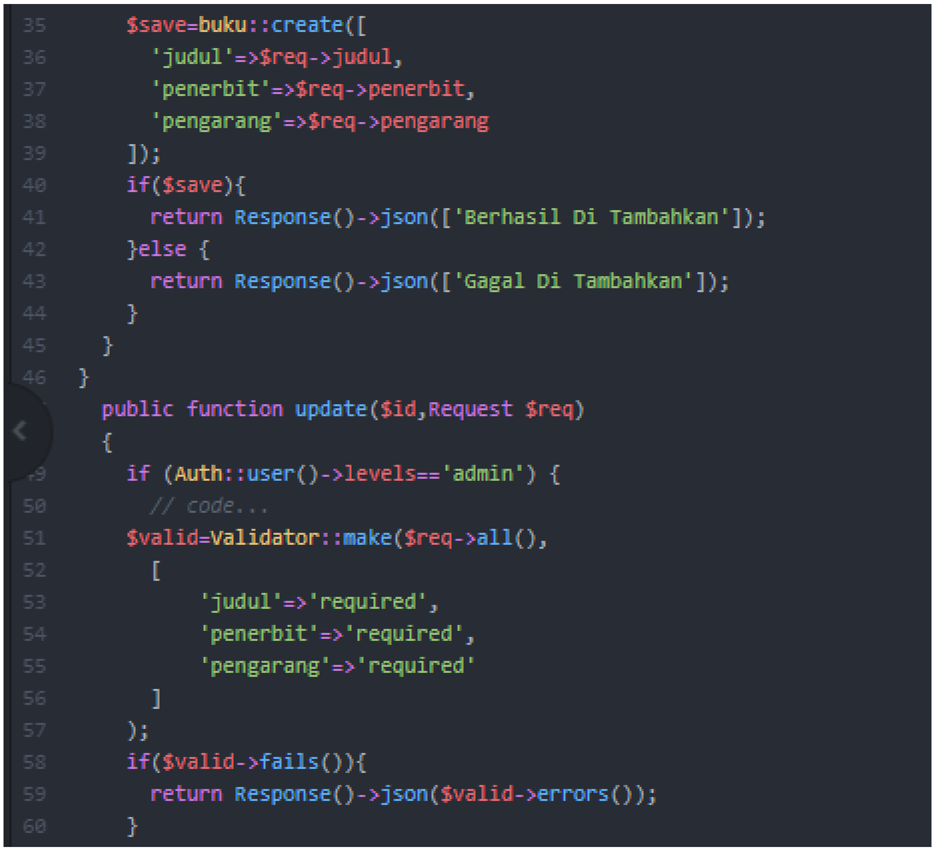


```
      $ubah=anggota::where('id',$id)->update([
        'nama_anggota'=>$req->nama_anggota,
        'alamat'=>$req->alamat,
        'nomer_telepon'=>$req->nomer_telepon,
        'username'=>$req->username,
        'password'=>$req->password
      ]);
      if($ubah){
        return Response()->json(['Berhasil Di Update']);
      }else {
        return Response()->json(['Gagal Di Update']);
      }
    }
  }
    public function delete($id)
    {
      if (Auth::user()->level=='admin') {
      $hapus=anggota::where('id',$id)->delete();
      if($hapus){
        return Response()->json(['Telah dihapus']);
      }else{
        return Response()->json(['Gagal dihapus']);
      }
    }
  }
    public function tampil()
    {
      if (Auth::user()->levels=='admin') {
      $data=anggota::all();
      $hitung=anggota::count();
      return Response()->json(['Jumlah'=>$hitung],['Data'=>$data]);
    }
  }
}

```

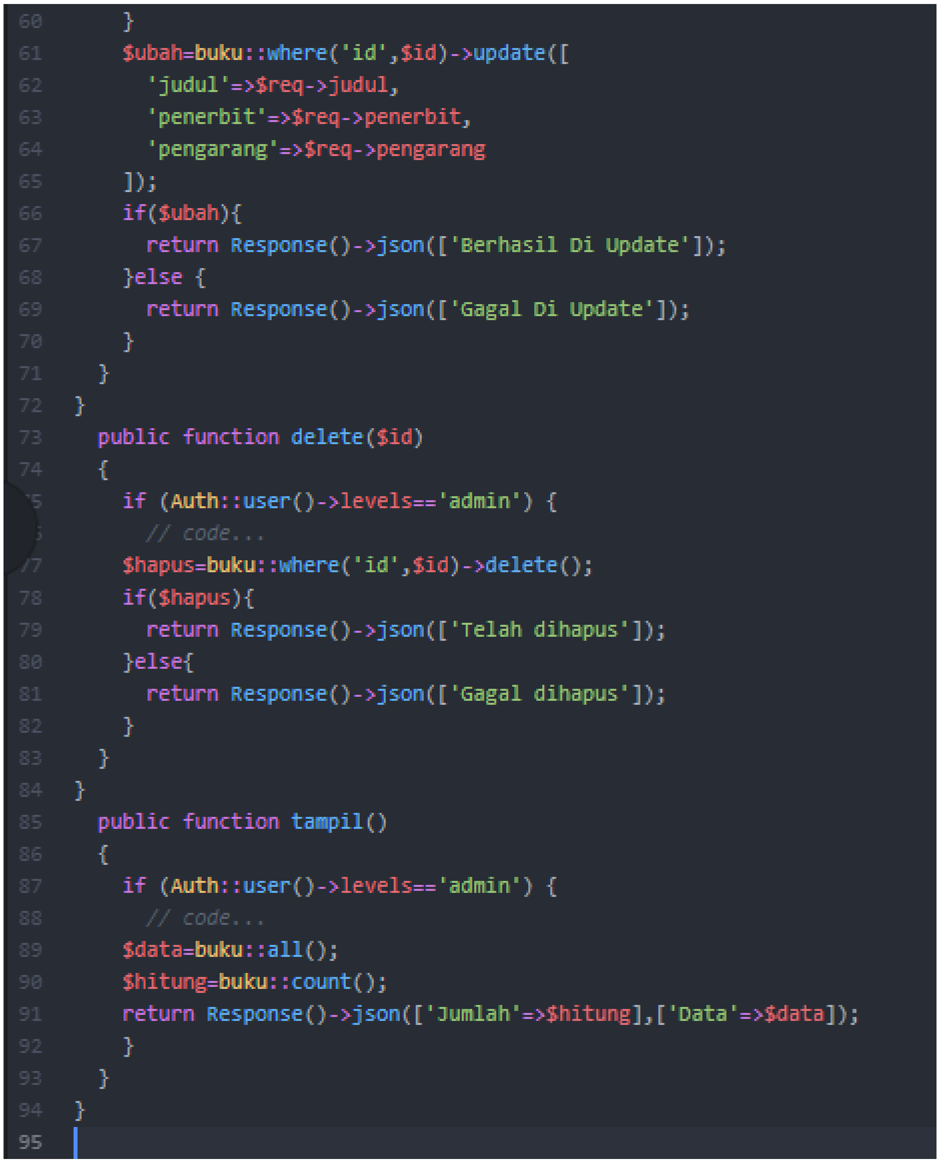
Controler Buku



```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\buku;
use Validator;
use Auth;

class bukucontroller extends Controller
{
  public function cek()
  {
      if(Auth::user()->levels=='admin'){
          $dt_buku=buku::get();
          return response()->json($dt_buku);
      }else{
          return response()->json(['status'=>'anda bukan admin']);
      }
  }
  public function store(Request $req)
  {
    if (Auth::user()->levels=='admin') {
      // code...
    $valid=Validator::make($req->all(),
      [
        'judul'=>'required',
        'penerbit'=>'required',
        'pengarang'=>'required'
      ]
    );
    if($valid->fails()){
      return Response()->json($valid->errors());
    }
```

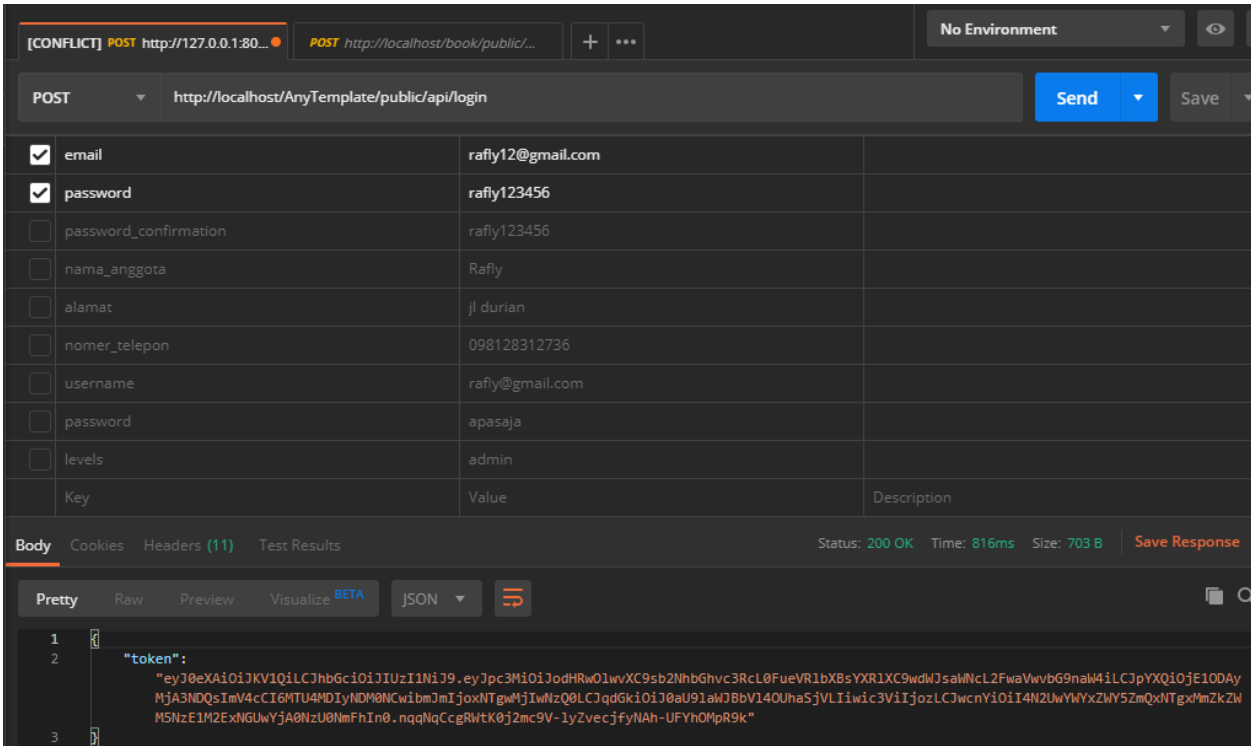


```
    $save=buku::create([
      'judul'=>$req->judul,
      'penerbit'=>$req->penerbit,
      'pengarang'=>$req->pengarang
    ]);
    if($save){
      return Response()->json(['Berhasil Di Tambahkan']);
    }else {
      return Response()->json(['Gagal Di Tambahkan']);
    }
  }
}
  public function update($id,Request $req)
  {
    if (Auth::user()->levels=='admin') {
      // code...
    $valid=Validator::make($req->all(),
      [
          'judul'=>'required',
          'penerbit'=>'required',
          'pengarang'=>'required'
      ]
    );
    if($valid->fails()){
      return Response()->json($valid->errors());
    }
```



```
    }
    $ubah=buku::where('id',$id)->update([
      'judul'=>$req->judul,
      'penerbit'=>$req->penerbit,
      'pengarang'=>$req->pengarang
    ]);
    if($ubah){
      return Response()->json(['Berhasil Di Update']);
    }else {
      return Response()->json(['Gagal Di Update']);
    }
  }
}
  public function delete($id)
  {
    if (Auth::user()->levels=='admin') {
      // code...
    $hapus=buku::where('id',$id)->delete();
    if($hapus){
      return Response()->json(['Telah dihapus']);
    }else{
      return Response()->json(['Gagal dihapus']);
    }
  }
}
  public function tampil()
  {
    if (Auth::user()->levels=='admin') {
      // code...
    $data=buku::all();
    $hitung=buku::count();
    return Response()->json(['Jumlah'=>$hitung],['Data'=>$data]);
    }
  }
}

```

Login



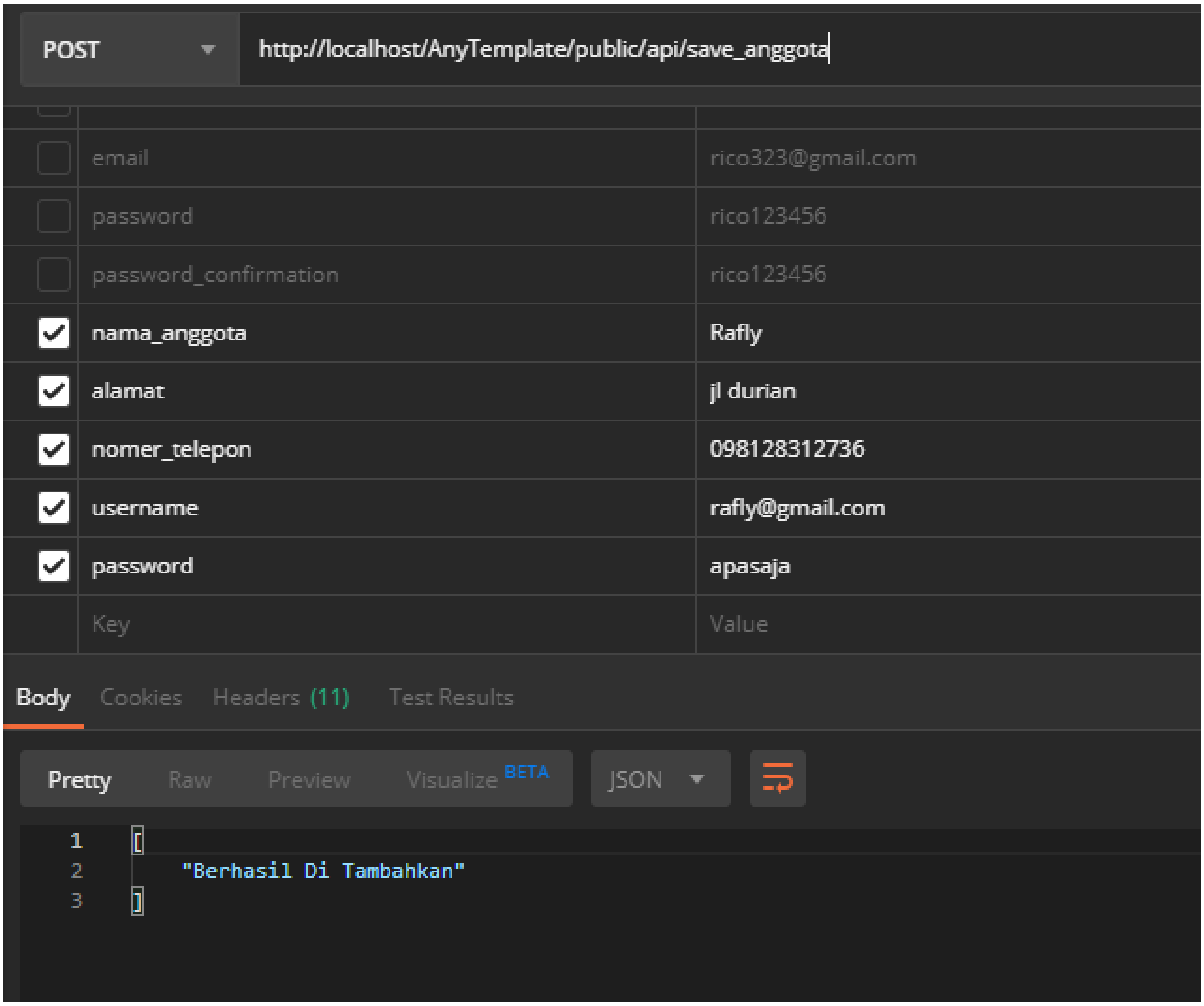
POST http://localhost/AnyTemplate/public/api/login

☑	email	rafly12@gmail.com	
☑	password	rafly123456	
□	password_confirmation	rafly123456	
□	nama_anggota	Rafly	
□	alamat	jl durian	
□	nomer_telepon	098128312736	
□	username	rafly@gmail.com	
□	password	apasaja	
□	levels	admin	
	Key	Value	Description

Status: 200 OK Time: 816ms Size: 703 B

```
{
    "token":
        "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3RcL0FueVRlbXBsYXRlXC9wdWJsaWNcL2FwaVwvbG9naW4iLCJpYXQiOjE1ODAy
        MjA3NDQsImV4cCI6MTU4MDIyNDM0NCwibmJmIjoxNTgwMjIwNzQ0LCJqdGkiOiJ0aU9laWJBbVl4OUhaSjVLIiwic3ViIjozLCJwcnYiOiI4N2UwYWYxZWY5ZmQxNTgxMmZkZW
        M5NzE1M2ExNGUwYjA0NzU0NmFhIn0.nqqNqCcgRWtK0j2mc9V-lyZvecjfyNAh-UFYhOMpR9k"
}
```

save anggota

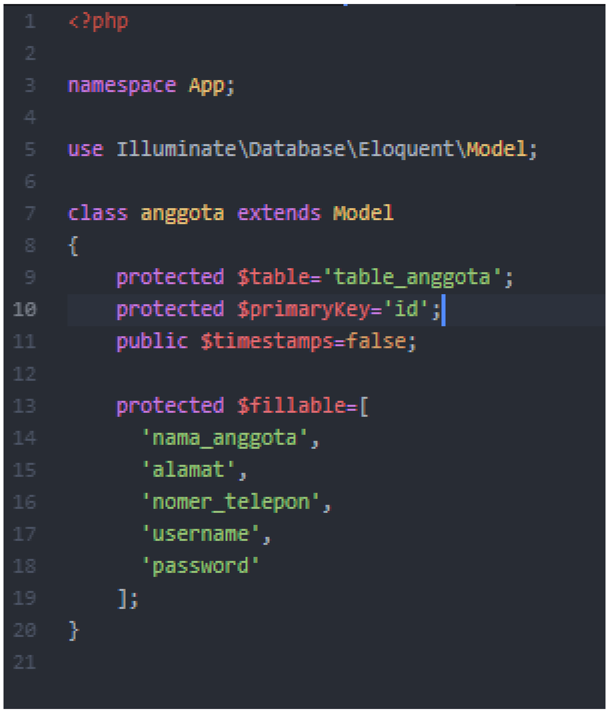


POST http://localhost/AnyTemplate/public/api/save_anggota

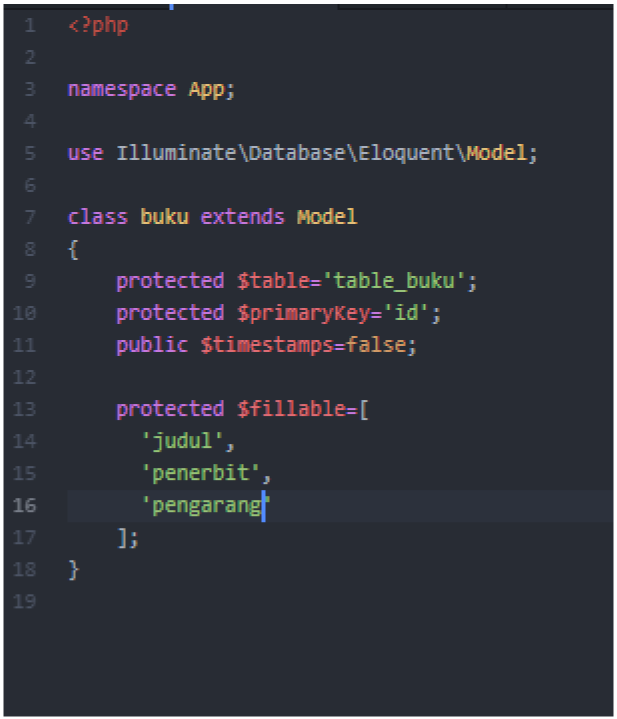
□	email	rico323@gmail.com
□	password	rico123456
□	password_confirmation	rico123456
☑	nama_anggota	Rafly
☑	alamat	jl durian
☑	nomer_telepon	098128312736
☑	username	rafly@gmail.com
☑	password	apasaja
	Key	Value

```
[
    "Berhasil Di Tambahkan"
]
```

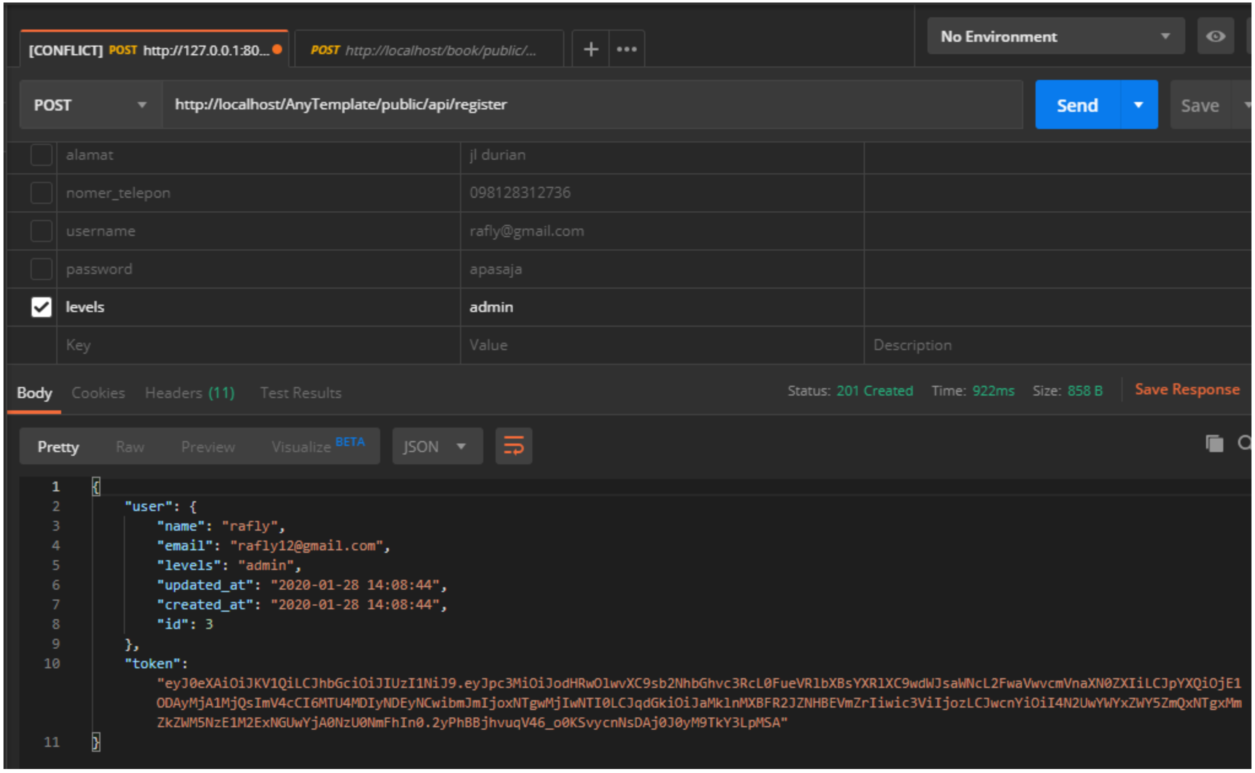
MODEL



```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class anggota extends Model
{
    protected $table='table_anggota';
    protected $primaryKey='id';
    public $timestamps=false;

    protected $fillable=[
      'nama_anggota',
      'alamat',
      'nomer_telepon',
      'username',
      'password'
    ];
}
```



```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class buku extends Model
{
    protected $table='table_buku';
    protected $primaryKey='id';
    public $timestamps=false;

    protected $fillable=[
      'judul',
      'penerbit',
      'pengarang'
    ];
}

```



POST http://localhost/AnyTemplate/public/api/register

	Key	Value	Description
□	alamat	jl durian	
□	nomer_telepon	098128312736	
□	username	rafly@gmail.com	
□	password	apasaja	
☑	levels	admin	
	Key	Value	Description

Status: 201 Created Time: 922ms Size: 858 B

```
{
    "user": {
        "name": "rafly",
        "email": "rafly12@gmail.com",
        "levels": "admin",
        "updated_at": "2020-01-28 14:08:44",
        "created_at": "2020-01-28 14:08:44",
        "id": 3
    },
    "token":
        "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3RcL0FueVRlbXBsYXRlXC9wdWJsaWNcL2FwaVwvcmVnaXN0ZXIiLCJpYXQiOjE1
        ODAyMjA1MjQsImV4cCI6MTU4MDIyNDEyNCwibmJmIjoxNTgwMjIwNTI0LCJqdGkiOiJaMklnMXBFR2JZNHBEVmZrIiwic3ViIjozLCJwcnYiOiI4N2UwYWYxZWY5ZmQxNTgxMm
        ZkZWM5NzE1M2ExNGUwYjA0NzU0NmFhIn0.2yPhBBjhvuqV46_o0KSvycnNsDAj0J0yM9TkY3LpMSA"
}
```