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Kelas : XI Laravel / 41

1. Membuat model dan mengisi seperti dibawah ini

```
1 <?php
2
3 namespace App;
4
5 use Illuminate\Database\Eloquent\Model;
6
7 class Anggotamodel extends Model
8 {
9     protected $table="anggota";
10    protected $primaryKey="id";
11    public $timestamps=false;
12
13    protected $fillable = [
14        'nama_anggota','alamat','telp',
15    ];
16
17 }
```

```
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Buku_model extends Model
{
    protected $table="buku";
    protected $primaryKey="id";
    public $timestamps= false;
    protected $fillable = [
        'judul', 'penerbit', 'pengarang', 'foto'
    ];
}
```

2. Membuat controller mengisi seperti di bawah ini

```

use Illuminate\Http\Request;
use App\Anggotamodel;
use Auth;

class Anggotacontroller extends Controller
{
    public function index()
    {
        if(Auth::user()->level=="admin"){
            $dt_anggota=Anggotamodel::get();
            return response()->json($dt_anggota);

        }else{
            return response()->json(['status'=>'anda bukan admin']);
        }
    }

    public function store(Request $req)
    {
        $validator=Validator::make($req->all(),
        [
            'nama_anggota'=>'required',
            'alamat'=>'required',
            'telp'=>'required',
        ]
        );
        if($validator->fails()){
            return Response()->json($validator->errors());
        }

        $simpan=Anggotamodel::create([
            'nama_anggota'=>$req->nama_anggota,
            'alamat'=>$req->alamat,
            'telp'=>$req->telp,
        ]);
        if($simpan){
            return Response()->json(['status'=>1, 'message'=>"Data Berhasil Ditambahkan!"]);
        } else{
            return Response()->json(['status'=>0]);
        }
    }
}

```

```

    public function tampil_anggota()
    {
        $data_anggota=Anggotamodel::count();
        $data_anggota1=Anggotamodel::all();
        return Response()->json(['count'=> $data_anggota, 'anggota'=> $data_anggota1, 'status'=>1]);
    }

    public function update($id,Request $req)
    {
        $validator=Validator::make($req->all(),
        [
            'nama_anggota'=>'required',
            'alamat'=>'required',
            'telp'=>'required',

        ]);
        if($validator->fails()){
            return Response()->json($validator->errors());
        }
        $ubah=Anggotamodel::where('id',$id)->update([
            'nama_anggota'=>$req->nama_anggota,
            'alamat'=>$req->alamat,
            'telp'=>$req->telp
        ]);
        if($ubah){
            return Response()->json(['status'=>1, 'message'=>"Data Berhasil Diubah!"]);
        } else {
            return Response()->json(['status'=>0]);
        }
    }
    public function destroy($id)
    {
        $hapus=Anggotamodel::where('id',$id)->delete();
        if($hapus){
            return Response()->json(['status'=>1, 'message'=>"Data Berhasil Dihapus!"]);
        } else {
            return Response()->json(['status'=>0]);
        }
    }
}

```

```

<?php

namespace App\Http\Controllers;
use Validator;
use Illuminate\Http\Request;
use Auth;
use App\Buku_model;

class Bukucontroller extends Controller
{
    public function index()
    {
        if(Auth::user()->level=="admin"){
            $dt_buku=Buku_model::get();
            return response()->json($dt_buku);

        }else{
            return response()->json(['status'=>'anda bukan admin']);
        }
    }
    public function store(Request $req)
    {
        $validator=Validator::make($req->all(),
        [
            'judul'=>'required',
            'penerbit'=>'required',
            'pengarang'=>'required',
            'foto'=>'required'
        ]
        );
        if($validator->fails()){
            return Response()->json($validator->errors());
        }

        $simpan=Buku_model::create([
            'judul'=>$req->judul,
            'penerbit'=>$req->penerbit,
            'pengarang'=>$req->pengarang,
            'foto'=>$req->foto,
        ]);
        if($simpan){
            return Response()->json(['status'=>1, 'message'=>"Data Berhasil Ditambahkan!"]);
        } else{
            return Response()->json(['status'=>0]);
        }
    }
}

```

```

public function tampil_buku()
{
    $data_buku=Buku_model::count();
    $data_buku1=Buku_model::all();
    return Response()->json(['count'=> $data_buku, 'buku'=> $data_buku1, 'status'=>1]);
}

public function update($id,Request $req)
{
    $validator=Validator::make($req->all(),
    [
        'judul'=>'required',
        'penerbit'=>'required',
        'pengarang'=>'required',
        'foto'=>'required'
    ]);
    if($validator->fails()){
        return Response()->json($validator->errors());
    }
    $ubah=Buku_model::where('id',$id)->update([
        'judul'=>$req->judul,
        'penerbit'=>$req->penerbit,
        'pengarang'=>$req->pengarang
    ]);
    if($ubah){
        return Response()->json(['status'=>1, 'message'=>"Data Berhasil Diubah!"]);
    } else {
        return Response()->json(['status'=>0]);
    }
}

public function destroy($id)
{
    $hapus=Buku_model::where('id',$id)->delete();
    if($hapus){
        return Response()->json(['status'=>1, 'message'=>"Data Berhasil Dihapus!"]);
    } else {
        return Response()->json(['status'=>0]);
    }
}
}

```

3. Membuat routes api.php

```

/*
 * This file is assigned the "api" middleware group. Enjoy building your API!
 */

Route::middleware('auth:api')->get('/user', function (Request $request) {
    return $request->user();
});

Route::post('register', 'PetugasController@register');
Route::post('login', 'PetugasController@login');
Route::post('/simpan_peminjaman', 'PeminjamanController@store');
Route::post('/simpan_buku', 'bukucontroller@store')->middleware('jwt.verify');
Route::put('/ubah_buku/{id}', 'bukucontroller@update')->middleware('jwt.verify');
Route::delete('/hapus_buku/{id}', 'bukucontroller@destroy')->middleware('jwt.verify');
Route::get('/tampil_buku', 'bukucontroller@tampil_buku')->middleware('jwt.verify');

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

```

4. Memasukkan data dengan postman

POST http://localhost:8/perpus/pu...

POST localhost:8/perpus/public/ap...

POST localhost:8/perpus/public/ap...

POST http://localhost:8/perpus...

Untitled Request

POST

http://localhost:8/perpus/public/api/simpan_anggota

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

BETA

| KEY | VALUE |
|--|-------------|
| <input checked="" type="checkbox"/> nama_anggota | zara zeva |
| <input checked="" type="checkbox"/> alamat | jalan jalan |
| <input checked="" type="checkbox"/> telp | 23456789 |
| Key | Value |

Body

Cookies

Headers (11)

Test Results

Pretty

Raw

Preview

Visualize

BETA

JSON

1

{

2

"status": 1,

3

"message": "Data Berhasil Ditambahkan!"

4

}

Untitled Request


POST ▼ http://localhost:8/perpus/public/api/simpan_buku

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL BETA

| | KEY | VALUE |
|-------------------------------------|-----------|-------------------|
| <input checked="" type="checkbox"/> | judul | how to be a human |
| <input checked="" type="checkbox"/> | penerbit | gramedia |
| <input checked="" type="checkbox"/> | pengarang | zara zeva |
| <input checked="" type="checkbox"/> | foto | - |
| | Key | Value |

Body Cookies Headers (11) Test Results

Pretty Raw Preview Visualize BETA JSON ▼ 

```
1 {  
2   "status": 1,  
3   "message": "Data Berhasil Ditambahkan!"  
4 }
```

5. Menampilkan data dengan postman

POST http://localhost:8/perpus/pu...

POST localhost:8/perpus/public/ap...

POST localhost:8/perpus/public/ap...

GET http://localhost:8/perpus/publ...

+

Untitled Request

GET

▼

http://localhost:8/perpus/public/api/tampil_anggota

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

▼ Headers (2)

| | KEY | VALUE | DESCRIPTION |
|-------------------------------------|---------------|--|-------------|
| <input checked="" type="checkbox"/> | Content-Type | application/x-www-form-urlencoded | |
| <input checked="" type="checkbox"/> | Authorization | bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwO... | |
| | Key | Value | Description |

► Temporary Headers (8)

Body

Cookies

Headers (11)

Test Results

Status: 200

Pretty

Raw

Preview

Visualize BETA

JSON

↕

1

{

2

"count": 6,

3

"anggota": [

4

{

5

"id": 15,

6

"nama_anggota": "zeva",

7

"alamat": "jalan jalan",

8

"telp": "0812121212112",

9

"created_at": "2020-01-15 07:41:34",

10

"updated_at": null

11

},

12

{

13

"id": 16,

GET http://localhost:8/perpus/publ... POST localhost:8/perpus/public/ap... POST localhost:8/perpus/public/ap... POST http://localhost:8/perp

GET http://localhost:8/perpus/public/api/tampil_buku

| KEY | VALUE |
|---|----------|
| <input checked="" type="checkbox"/> judul | ria sw |
| <input checked="" type="checkbox"/> penerbit | gramedia |
| <input checked="" type="checkbox"/> pengarang | jepa |
| <input checked="" type="checkbox"/> foto | - |
| Key | Value |

Body Cookies Headers (11) Test Results

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "count": 5,
3   "buku": [
4     {
5       "id": 1,
6       "judul": "off the record",
7       "penerbit": "Gramedia",
8       "pengarang": "Ria SW",
9       "foto": "-",
10      "created_at": "2020-01-15 07:41:36",
11      "updated_at": null
12    },
13    {
14      "id": 2,
15      "judul": "Bumi",
16      "penerbit": "Gramedia",
17      "pengarang": "Tere Liye",
18      "foto": "-"
```

6. Mengubah data dengan postman

POST http://localhost:8/perpus/pu... POST localhost:8/perpus/public/ap... POST localhost:8/perpus/public/ap... PUT http://localhost:8/perpus/pub.

Intitiled Request

PUT http://localhost:8/perpus/public/api/ubah_anggota/15

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL BETA

| | KEY | VALUE | DE |
|-------------------------------------|--------------|--------------|----|
| <input checked="" type="checkbox"/> | nama_anggota | nafarras | |
| <input checked="" type="checkbox"/> | alamat | jalan malang | |
| <input checked="" type="checkbox"/> | telp | 23456789 | |
| | Key | Value | D |

ody Cookies Headers (11) Test Results

Pretty Raw Preview Visualize BETA JSON

```

1 {
2   "status": 1,
3   "message": "Data Berhasil Diubah!"
4 }

```

PUT http://localhost:8/perpus/public/api/ubah_buku/3

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL BETA

| | KEY | VALUE |
|-------------------------------------|-----------|----------|
| <input checked="" type="checkbox"/> | judul | ria sw |
| <input checked="" type="checkbox"/> | penerbit | gramedia |
| <input checked="" type="checkbox"/> | pengarang | jepa |
| <input checked="" type="checkbox"/> | foto | - |
| | Key | Value |

Body Cookies Headers (11) Test Results

Pretty Raw Preview Visualize BETA

```

{"status":1,"message":"Data Berhasil Diubah!"}

```

7. Menghapus data dengan postman

DEL http://localhost:8/perpus/publ...

POST localhost:8/perpus/public/ap...

POST localhost:8/perpus/public/ap...

POST http://localhost:8/perpus/pu...

Untitled Request

DELETE

http://localhost:8/perpus/public/api/hapus_buku/6

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL BETA

| | KEY | VALUE | DESCRIPTION |
|-------------------------------------|-----------|----------------------------|-------------|
| <input checked="" type="checkbox"/> | judul | farras mala mala antagonis | |
| <input checked="" type="checkbox"/> | penerbit | farras media pustaka | |
| <input checked="" type="checkbox"/> | pengarang | jepa | |
| <input checked="" type="checkbox"/> | foto | - | |
| | Key | Value | Description |

Body

Cookies

Headers (11)

Test Results

Pretty

Raw

Preview

Visualize BETA

```
{"status":1,"message":"Data Berhasil Dihapus!"}
```

POST http://localhost:8/perpus/pu...

POST localhost:8/perpus/public/ap...

POST localhost:8/perpus/public/ap...

DEL http://localhost:8/perpus/publ...

+

Untitled Request

DELETE

http://localhost:8/perpus/public/api/hapus_anggota/15

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL BETA

| | KEY | VALUE | DESCRIPTION |
|-------------------------------------|--------------|--------------|-------------|
| <input checked="" type="checkbox"/> | nama_anggota | nafarras | |
| <input checked="" type="checkbox"/> | alamat | jalan malang | |
| <input checked="" type="checkbox"/> | telp | 23456789 | |
| | Key | Value | Description |

Body

Cookies

Headers (11)

Test Results

Pretty

Raw

Preview

Visualize BETA

JSON

```
1 {
2   "status": 1,
3   "message": "Data Berhasil Dihapus!"
4 }
```