Putri Puspita Sari

29 / XI Laravel

## Tugas 5 CRUD Master Laravel dgn Authentication JWT

1. Controller
   - Anggota

```php
<?php

namespace App\Http\Controllers;

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

class anggotacontroller extends Controller
{
    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());
        }

        $simpan=Anggota_model::create([
            'nama_anggota'=>$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=Anggota_model::count();
        $data_anggota1=Anggota_model::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());
        }
        $ubah=Anggota_model::where('id',$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)
    {
        $hapus=Anggota_model::where('id',$id)->delete();
        if($hapus){
```

```
68          if($hapus){
69              return Response()->json(['status'=>1, 'message'=>"Data Berhasil Dihapus!"]);
70          } else {
71              return Response()->json(['status'=>0]);
72          }
73      }
74  }
75
```

- Buku

```
anggotacontroller.php          bukucontroller.php ×

app > Http > Controllers > bukucontroller.php
  1   <?php
  2
  3   namespace App\Http\Controllers;
  4
  5   use Illuminate\Http\Request;
  6   use Auth;
  7   use\App\Buku_model;
  8   use Illuminate\Support\Facades\Validator;
  9
 10   class bukucontroller extends Controller
 11   {
 12       public function index()
 13       {
 14           if(Auth::user()->level=="admin"){
 15               $dt_buku=Buku_model::get();
 16               return response()->json($dt_buku);
 17           } else {
 18               return response()->json(['status'=>'anda bukan admin']);
 19           }
 20       }
 21       public function store(Request $req)
 22       {
 23           $validator=Validator::make($req->all(),
 24           [
 25               'judul'=>'required',
 26               'penerbit'=>'required',
 27               'pengarang'=>'required',
 28               'foto'=>'required'
 29           ]
 30           );
 31           if($validator->fails()){
 32               return Response()->json($validator->errors());
 33           }
 34
 35           $simpan=Buku_model::create([
```

```php
                'judul'=>$req->judul,
                'penerbit'=>$req->penerbit,
                'pengarang'=>$req->pengarang
        ]);
        if($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]);
        }
    }
}
```

2. Model
- Anggota

```php
anggotacontroller.php        Anggota_model.php ×

app > Anggota_model.php
1    <?php
2
3    namespace App;
4
5    use Illuminate\Database\Eloquent\Model;
6
7    class Anggota_model extends Model
8    {
9        protected $table='anggota';
10       protected $primaryKey='id';
11       public $timestamps=false;
12       protected $fillable = [
13           // 'id_produk',
14           'nama_anggota',
15           'alamat',
16           'telp'
17       ];
18       public function anggota(){
19           return $this->belongsTo('App\Anggota','id');
20       }
21
22   }
23
```

- Buku

```php
anggotacontroller.php        Buku_model.php ×

app > Buku_model.php
1    <?php
2
3    namespace App;
4
5    use Illuminate\Database\Eloquent\Model;
6
7    class Buku_model extends Model
8    {
9        protected $table='buku';
10       protected $primaryKey='id';
11       public $timestamps=false;
12       protected $fillable = [
13           // 'id_produk',
14           'judul',
15           'penerbit',
16           'pengarang',
17           'foto'
18       ];
19       public function buku(){
20           return $this->belongsTo('App\Buku','id');
21       }
22   }
23
```

3. Testing di Postman
   - Anggota

   Create

   
   POST    localhost/perpustakaan_lrvl/public/api/simpan_anggota    Send ▾    Save ▾

   | ☑ nama_anggota | Ppt | |
   | ☑ alamat | mlgggg | |
   | ☑ telp | 08623456678 | |
   | Key | Value | Description |

   Body  Cookies  Headers (11)  Test Results          Status: 200 OK  Time: 14.28s  Size: 403 B   Save Response ▾

   Pretty  Raw  Preview  Visualize BETA

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

   Read

   GET    localhost/perpustakaan_lrvl/public/api/tampil_anggota

   Pretty  Raw  Preview  Visualize BETA    JSON ▾

   ```
   1  {
   2      "count": 6,
   3      "anggota": [
   4          {
   5              "id": 20,
   6              "nama_anggota": "Puput",
   7              "alamat": "Malang",
   8              "telp": "085345678909",
   9              "created_at": "2020-01-15 07:33:43",
   10             "updated_at": null
   11         },
   12         {
   13             "id": 21,
   14             "nama_anggota": "Putri",
   15             "alamat": "Jogja",
   16             "telp": "0897654356777",
   17             "created_at": "2020-01-15 07:33:43",
   18             "updated_at": null
   19         },
   20         {
   21             "id": 22,
   22             "nama_anggota": "Puspita",
   23             "alamat": "Surabaya",
   24             "telp": "082122345567",
   25             "created_at": "2020-01-15 07:33:43",
   26             "updated_at": null
   27         },
   28         {
   29             "id": 23,
   30             "nama_anggota": "Putri Puspita",
   31             "alamat": "Abd Saleh",
   32             "telp": "12345678",
   33             "created_at": "2020-01-15 07:33:43",
   ```
   Bootca

   Update

   PUT    localhost/perpustakaan_lrvl/public/api/ubah_anggota/20    S

   | ☑ nama_anggota | Putri Puspitaa | |
   | ☑ alamat | Mojokerto | |
   | ☑ telp | 12345678909 | |
   | Key | Value | Description |

   Body  Cookies  Headers (11)  Test Results          Status: 200 OK  Time: 2.94s  Size:

   Pretty  Raw  Preview  Visualize BETA    JSON ▾

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

   Delete

   DELETE    localhost/perpustakaan_lrvl/public/api/hapus_anggota/20    Ser

   Pretty  Raw  Preview  Visualize BETA    JSON ▾

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

- Buku

## Create

| | | | |
|---|---|---|---|
| ☑ | judul | Bumi Manusia | |
| ☑ | penerbit | Hariawan | |
| ☑ | pengarang | Gatauuu | |
| ☑ | foto | - | |
| ☐ | nama_anggota | Ppt | |
| ☐ | alamat | mlgggg | |
| ☐ | telp | 08623456678 | |
| | Key | Value | Description |

POST localhost/perpustakaan_lrvl/public/api/simpan_buku

Body  Cookies  Headers (11)  Test Results

Status: 200 OK  Time: 1002ms  Size: 4

Pretty  Raw  Preview  Visualize BETA  JSON ▼

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

## Read

GET localhost/perpustakaan_lrvl/public/api/tampil_buku

Body  Cookies  Headers (11)  Test Results

Status: 200 OK  Time: 582ms  Size

Pretty  Raw  Preview  Visualize BETA  JSON ▼

```
1  [
2      "count": 7,
3      "buku": [
4          {
5              "id": 1,
6              "judul": "Mariposa",
7              "penerbit": "Coconut Book",
8              "pengarang": "Luluk HF",
9              "foto": "-",
10             "created_at": "2020-01-15 07:30:00",
11             "updated_at": null
12         },
13         {
14             "id": 2,
15             "judul": "aaaaaaaaa",
16             "penerbit": "bbbb",
17             "pengarang": "ccc",
18             "foto": "-",
19             "created_at": "2020-01-15 07:30:00",
20             "updated_at": null
21         },
22         {
23             "id": 3,
24             "judul": "Sang Pemimpi",
25             "penerbit": "Bentang Pustaka",
26             "pengarang": "Andrea Hirata",
27             "foto": "-",
28             "created_at": "2020-01-15 07:30:00",
29             "updated_at": null
30         },
31         {
32             "id": 4,
33             "judul": "Bumi Manusia",
```

Bootcamp    Build

# Update

| | PUT ▾ | localhost/perpustakaan_lrvl/public/api/ubah_buku/2 | | S |
|---|---|---|---|---|

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

○ none · ○ form-data · ● x-www-form-urlencoded · ○ raw · ○ binary · ○ GraphQL BETA

| | KEY | VALUE | DESCRIPTION |
|---|---|---|---|
| ☑ | judul | Laskar pelangi | |
| ☑ | penerbit | Lupaa | |
| ☑ | pengarang | Andrea Hirata | |
| ☑ | foto | - | |
| ☐ | nama_anggota | Putri Puspitaa | |
| ☐ | alamat | Mojokerto | |
| ☐ | telp | 12345678909 | |
| ☐ | Key | Value | Description |

Body · Cookies · Headers (11) · Test Results          Status: 200 OK   Time: 824ms   Size:

Pretty · Raw · Preview · Visualize BETA    JSON ▾

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

🎓 Bootcamp     Build

# Delete

| | DELETE ▾ | localhost/perpustakaan_lrvl/public/api/hapus_buku/2 | |
|---|---|---|---|

Body · Cookies · Headers (11) · Test Results          Status: 200 OK   Time: 4.95s   Size:

Pretty · Raw · Preview · Visualize BETA    JSON ▾

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