

- CRUD BUKU

a. Script

- Model

```
class Buku extends Model
{
    protected $table="buku";
    protected $primaryKey="id";
    protected $fillable = [
        'judul',
        'penerbit',
        'pengarang',
        'stok',
        'gambar'
    ];
}
```

- Controller

```
class BukuController extends Controller
{
    public function index(){
        if(Auth::user()->level=="admin"){
            $dt_bk=Buku::get();
            return response()->json($dt_bk);
        } else{
            return response()->json(['status'=>'anda bukan admin']);
        }
    }

    public function store(Request $request){
        $validator=Validator::make($request->all(),
            [
                'judul'=>'required',
                'penerbit'=>'required',
                'pengarang'=>'required',
                'stok'=>'required',
                'gambar'=>'required'
            ]
        );

        if($validator->fails()){
            return Response()->json($validator->errors());
        }

        $simpan=Buku::create([
            'judul'=>$request->judul,
```

```

        'penerbit'=>$request->penerbit,
        'pengarang'=>$request->pengarang,
        'stok'=>$request->stok,
        'gambar'=>$request->gambar

    ]);
    $status=1;
    $message="Buku Berhasil Ditambahkan";
    if($simpan){
        return Response()->json(compact('status','message'));
    }else {
        return Response()->json(['status'=>0]);
    }
}

public function update($id,Request $request){
    $validator=Validator::make($request->all(),
    [
        'judul'=>'required',
        'penerbit'=>'required',
        'pengarang'=>'required',
        'stok'=>'required',
        'gambar'=>'required'
    ]
    );

    if($validator->fails()){
        return Response()->json($validator->errors());
    }

    $ubah=Buku::where('id',$id)->update([
        'judul'=>$request->judul,
        'penerbit'=>$request->penerbit,
        'pengarang'=>$request->pengarang,
        'stok'=>$request->stok,
        'gambar'=>$request->gambar
    ]);
    $status=1;
    $message="Buku Berhasil Diubah";
    if($ubah){
        return Response()->json(compact('status','message'));
    }else {
        return Response()->json(['status'=>0]);
    }
}

public function tampil_buku(){
    $data_buku=Buku::get();

```

```

$count=$data_buku->count();
$arr_data=array();
foreach ($data_buku as $dt_bk){
    $arr_data[]=array(
        'id' => $dt_bk->id,
        'judul' => $dt_bk->judul,
        'penerbit' => $dt_bk->penerbit,
        'pengarang' => $dt_bk->pengarang,
        'stok' => $dt_bk->stok,
        'gambar' => $dt_bk->gambar
    );
}
$status=1;
return Response()-
>json(compact('status','count','arr_data'));
}

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

```

b. Hasil

POST ▼ http://localhost/laravelperpus/public/api/simpan_buku

<input checked="" type="checkbox"/>	stok	5	
<input checked="" type="checkbox"/>	gambar	-	
<input type="checkbox"/>	id_anggota	3	
<input type="checkbox"/>	id_petugas	9	
<input type="checkbox"/>	tgl_pinjam	2020-01-25	
<input type="checkbox"/>	deadline	2020-02-01	
<input type="checkbox"/>	nama_anggota	Aulia	
<input type="checkbox"/>	alamat	Jln selat bali	
<input type="checkbox"/>	telp	089768465342	
	Key	Value	Descri

Body Cookies Headers (11) Test Results Status: 200

Pretty Raw Preview Visualize BETA JSON ≡

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

PUT ▼ http://localhost/laravelperpus/public/api/ubah_buku/7

<input type="checkbox"/>	nama_anggota	Aulia
<input type="checkbox"/>	alamat	Jln Selat malaka
<input type="checkbox"/>	telp	089768465342
<input checked="" type="checkbox"/>	judul	Glass
<input checked="" type="checkbox"/>	penerbit	gramedia
<input checked="" type="checkbox"/>	pengarang	Victoria
<input checked="" type="checkbox"/>	stok	10
<input checked="" type="checkbox"/>	gambar	-
	Key	Value

Body Cookies Headers (11) Test Results

Pretty Raw Preview Visualize BETA JSON ≡

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

```
GET http://localhost/laravelperpus/public/api/tampil_buku

Pretty Raw Preview Visualize BETA JSON

1 {
2   "status": 1,
3   "count": 7,
4   "arr_data": [
5     {
6       "id": 1,
7       "judul": "dilan 1990",
8       "penerbit": "bintang cerah",
9       "pengarang": "nia alis",
10      "stok": 0,
11      "gambar": "-"
12    },
13    {
14      "id": 2,
15      "judul": "bintang",
16      "penerbit": "gramedia",
17      "pengarang": "tere liye",
18      "stok": 0,
19      "gambar": "-"
20    },
21    {
22      "id": 3,
23      "judul": "hujan",
24      "penerbit": "gramedia",
25      "pengarang": "tere liye",
26      "stok": 0,
27      "gambar": "-"
28    }
29  ]
30 }
```

```
DELETE http://localhost/laravelperpus/public/api/hapus_buku/7

Pretty Raw Preview Visualize BETA JSON

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

```
GET http://localhost/laravelperpus/public/api/buku

Pretty Raw Preview Visualize BETA JSON

1 {
2   {
3     "id": 1,
4     "judul": "dilan 1990",
5     "penerbit": "bintang cerah",
6     "pengarang": "nia alis",
7     "stok": 0,
8     "gambar": "-",
9     "created_at": "2020-01-15 07:47:27",
10    "updated_at": null
11  },
12  {
13    "id": 2,
14    "judul": "bintang",
15    "penerbit": "gramedia",
16    "pengarang": "tere liye",
17    "stok": 0,
18    "gambar": "-",
19    "created_at": "2020-01-15 07:47:27",
20    "updated_at": null
21  },
22  {
23    "id": 3,
24    "judul": "hujan",
25    "penerbit": "gramedia",
26    "pengarang": "tere liye",
27    "stok": 0,
28    "created_at": "2020-01-15 07:47:27",
29    "updated_at": null
30  }
31 }
```

- CRUD ANGGOTA

a. Script

- Model

```
class Anggota extends Model
{
    protected $table="anggota";
    protected $primaryKey="id";
    protected $fillable = [
        'nama_anggota',
        'alamat',
        'telp'
    ];

    public function pinjam(){
        return $this->hasMany('App\Pinjam','id');
    }
}
```

- Controller

```
class AnggotaController extends Controller
{
    public function index(){
        if(Auth::user()->level=="admin"){
            $dt_ag=Anggota::get();
            return response()->json($dt_ag);
        } else{
            return response()->json(['status'=>'anda bukan admin']);
        }
    }

    public function store(Request $request){
        $validator=Validator::make($request->all(),
            [
                'nama_anggota'=>'required',
                'alamat'=>'required',
                'telp'=>'required'
            ]
        );

        if($validator->fails()){
            return Response()->json($validator->errors());
        }

        $simpan=Anggota::create([
            'nama_anggota'=>$request->nama_anggota,
            'alamat'=>$request->alamat,
            'telp'=>$request->telp
        ]
    )
}
```

```

]);
$status=1;
$message="Anggota Berhasil Ditambahkan";
if($simpan){
    return Response()->json(compact('status','message'));
}else {
    return Response()->json(['status'=>0]);
}
}

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

    if($validator->fails()){
        return Response()->json($validator->errors());
    }

    $ubah=Anggota::where('id',$id)->update([
        'nama_anggota'=>$request->nama_anggota,
        'alamat'=>$request->alamat,
        'telp'=>$request->telp
    ]);
    $status=1;
    $message="Anggota Berhasil Diubah";
    if($ubah){
        return Response()->json(compact('status','message'));
    }else {
        return Response()->json(['status'=>0]);
    }
}

public function tampil_anggota(){
    $data_anggota=Anggota::get();
    $count=$data_anggota->count();
    $arr_data=array();
    foreach ($data_anggota as $dt_ag){
        $arr_data[]=array(
            'id' => $dt_ag->id,
            'nama_anggota' => $dt_ag->nama_anggota,
            'alamat' => $dt_ag->alamat,
            'telp' => $dt_ag->telp
        );
    }
}

```

```

    }
    $status=1;
    return Response()-
>json(compact('status','count','arr_data'));
}

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

```

b. Hasil

POST		http://localhost/laravelperpus/public/api/simpan_anggota
<input type="checkbox"/>	gambar	-
<input type="checkbox"/>	id_anggota	3
<input type="checkbox"/>	id_petugas	9
<input type="checkbox"/>	tgl_pinjam	2020-01-25
<input type="checkbox"/>	deadline	2020-02-01
<input checked="" type="checkbox"/>	nama_anggota	Aulia
<input checked="" type="checkbox"/>	alamat	Jln selat bali
<input checked="" type="checkbox"/>	telp	089768465342
	Key	Value

Body
Cookies
Headers (11)
Test Results

Pretty
Raw
Preview
Visualize BETA
JSON

```

1 {
2   "status": 1,
3   "message": "Anggota Berhasil Ditambahkan"
4 }

```



```
GET http://localhost/laravelperpus/public/api/tampil_anggota

Pretty Raw Preview Visualize BETA JSON

1 {
2   "status": 1,
3   "count": 6,
4   "arr_data": [
5     {
6       "id": 3,
7       "nama_anggota": "dylan",
8       "alamat": "sawojajar",
9       "telp": "08976736736"
10    },
11    {
12      "id": 4,
13      "nama_anggota": "milek",
14      "alamat": "sawojajar",
15      "telp": "08976875546"
16    },
17    {
18      "id": 5,
19      "nama_anggota": "ayan",
20      "alamat": "blitar",
21      "telp": "08456767453343"
22    },
23    {
24      "id": 6,
25      "nama_anggota": "ririn",
26      "alamat": "sawojajar",
27      "telp": "08964333435"
28    }
29  ]
30 }
```

```
DELETE http://localhost/laravelperpus/public/api/hapus_anggota/8

Pretty Raw Preview Visualize BETA JSON

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

```
GET http://localhost/laravelperpus/public/api/anggota

Pretty Raw Preview Visualize BETA JSON

1 [
2   {
3     "id": 3,
4     "nama_anggota": "dylan",
5     "alamat": "sawojajar",
6     "telp": "08976736736",
7     "created_at": "2020-01-15 07:36:43",
8     "updated_at": null
9   },
10  {
11    "id": 4,
12    "nama_anggota": "milek",
13    "alamat": "sawojajar",
14    "telp": "08976875546",
15    "created_at": "2020-01-15 07:36:43",
16    "updated_at": null
17  },
18  {
19    "id": 5,
20    "nama_anggota": "ayan",
21    "alamat": "blitar",
22    "telp": "08456767453343",
23    "created_at": "2020-01-15 07:36:43",
24    "updated_at": null
25  },
26  {
27    "id": 6,
```

- HASIL JIKA LOGIN BUKAN ADMIN

GET http://localhost/laravelperpus/public/api/buku

<input type="checkbox"/>	stok	5
<input type="checkbox"/>	gambar	-
<input type="checkbox"/>	id_anggota	3
<input type="checkbox"/>	id_petugas	9
<input type="checkbox"/>	tgl_pinjam	2020-01-25
<input type="checkbox"/>	deadline	2020-02-01
<input type="checkbox"/>	nama_anggota	Text ▼ Aulia
<input type="checkbox"/>	alamat	Jln selat bali
<input type="checkbox"/>	telp	089768465342
	Key	Value

Body Cookies Headers (11) Test Results

Pretty Raw Preview Visualize BETA JSON

```
1 {  
2   "status": "anda bukan admin"  
3 }
```