- CRUD BUKU

- a. Script
 - Model

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

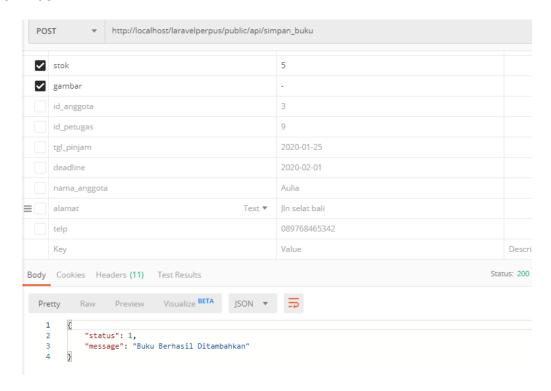
Controller

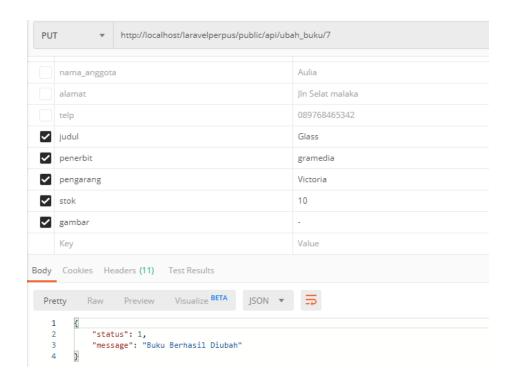
```
class BukuController extends Controller
{
 public function index(){
    if(Auth::user()->level=="admin"){
      $dt_bk=Buku::get();
      return response()->json($dt_bk);
    } else{
      return response()->json(['status'=>'anda bukan admin']);
  public function store(Request $request){
    $validator=Validator::make($request->all(),
        '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
  1);
  $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'));
    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





```
GET
                        ▼ http://localhost/laravelperpus/public/api/tampil_buku
                    Raw Preview Visualize BETA JSON ▼ 👼
       Pretty
                      "status": 1,
"count": 7,
"arr_data": [
                                "id": 1,
"judul": "dilan 1990",
                                Juour: "alian 1990",
"penerbit": "bintang cerah",
"pengarang": "nia alis",
"stok": 0,
"gambar": "-"
        10
        11
        12
                           },
        13
                                "id": 2,
"judul": "bintang",
"penerbit": "gramedia",
"pengarang": "tere liye",
        14
        15
16
        17
        18
19
                                 "stok": 0,
"gambar": "-"
        20
        21
                                 "id": 3,
"judul": "hujan",
        22
        23
                                 "penerbit": "gramedia",
"pengarang": "tere liye",
        24
        25
                                 "stok": 0,
"gambar": "-"
        27
                  DELETE
                                                http://localhost/laravelperpus/public/api/hapus_buku/7
                                                                   Visualize BETA
                                                                                             JSON ▼ □
                                    Raw
                      1
                                      "status": 1,
                      2
                                     "message": "Buku Berhasil Dihapus"
                      3
                              }
                      4
GET
                      http://localhost/laravelperpus/public/api/buku
              Raw Preview Visualize BETA JSON ▼ 👼
Pretty
  1
          [
   2
                      "judul": "dilan 1990",
   4
                     "penerbit": "bintang cerah",
"pengarang": "nia alis",
"stok": 0,
"gambar": "-",
"created_at": "2020-01-15 07:47:27",
   5
   6
   8
 10
                      "updated_at": null
 11
 12
                     "id": 2,
"judul": "bintang",
"penerbit": "gramedia",
"pengarang": "tere liye",
 13
 14
 15
 16
                     "stok": 0,
"gambar": "-",
"created_at": "2020-01-15 07:47:27",
"updated_at": null
 17
 18
 19
 20
 21
                1.
 22
                     "id": 3,
"judul": "hujan",
 23
 24
                      "penerbit": "gramedia",
"pengarang": "tere liye",
 25
 26
                      "stok": 0,
 27
```

- 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

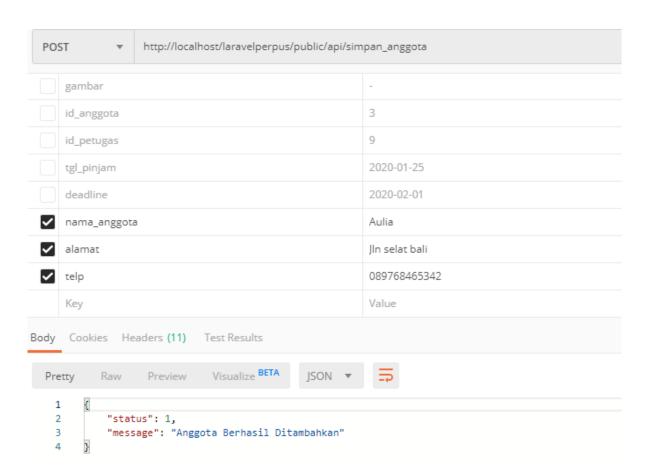
```
class AnggotaController extends Controller
  public function index(){
    if(Auth::user()->level=="admin"){
      $dt_ag=Anggota::get();
      return response()->json($dt_ag);
    } else{
      return response()->json(['status'=>'anda bukan admin']);
  public function store(Request $request){
  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

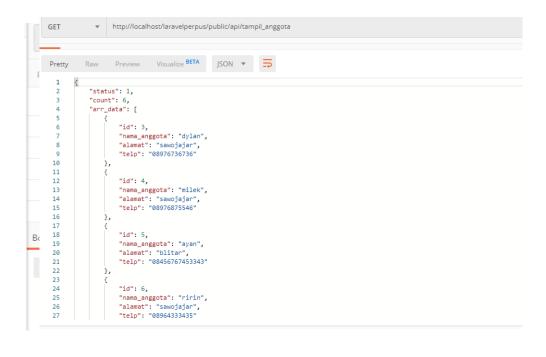
```
]);
 $status=1;
  $message="Anggota Berhasil Ditambahkan";
  if($simpan){
    return Response()->json(compact('status', 'message'));
  }else {
    return Response()->json(['status'=>0]);
public function update($id,Request $request){
 $validator=Validator::make($request->all(),
      'nama_anggota'=>'required',
      '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
```

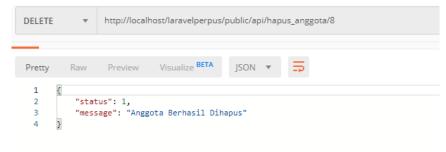
```
}
$status=1;
return Response()-
>json(compact('status','count','arr_data'));
}

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







```
GET
                  ▼ http://localhost/laravelperpus/public/api/anggota
                       Preview Visualize BETA JSON ▼
Pretty
          [
  1
               {
                    "id": 3,
                    "nama_anggota": "dylan",
"alamat": "sawojajar",
"telp": "08976736736",
                    "created_at": "2020-01-15 07:36:43", 
"updated_at": null
  8
 10
11
                    "id": 4,
  12
                    "nama_anggota": "milek",
 13
14
                    "alamat": "sawojajar",
"telp": "08976875546",
  15
                    "created_at": "2020-01-15 07:36:43",
 16
17
                     "updated_at": null
              },
 18
                    "id": 5,
 19
 20
                    "nama_anggota": "ayan",
                    "alamat": "blitar",
"telp": "08456767453343",
"created_at": "2020-01-15 07:36:43",
"updated_at": null
 21
 22
23
 24
25
26
               },
  27
                    "id": 6,
```

- HASIL JIKA LOGIN BUKAN ADMIN

