

-controller peminjaman

```
public function index(){
    if(Auth::user()->level=="petugas"){
        $peminjaman=DB::table('peminjaman')
        ->join('anggota','anggota.id','=','peminjaman.id_anggota')
        ->join('petugas','petugas.id','=','peminjaman.id_petugas')
        -
    >select('peminjaman.id','peminjaman.id_anggota','anggota.nama_anggota','peminjaman.tgl
    _pinjam','peminjaman.deadline','peminjaman.denda')
        ->get();

    $data=array();
    foreach ($peminjaman as $dt_pj){
        $ok=Detail::where('id_pinjam',$dt_pj->id)->get();
        $arr_detail=array();
        foreach ($ok as $ok) {
            $arr_detail[]=array(
                'id_pinjam' =>$ok->id_pinjam,
                'id_buku' => $ok->id_buku,
                'qty' => $ok->qty
            );
        }

        $data[]=array(
            'id' => $dt_pj->id,
            'id_anggota' => $dt_pj->id_anggota,
            'nama_anggota' => $dt_pj->nama_anggota,
            'tgl_pinjam' => $dt_pj->tgl_pinjam,
            'deadline' => $dt_pj->deadline,
            'denda' => $dt_pj->denda,
            'detail_pinjam' => $arr_detail
        );
    }
    return response()->json(compact("data"));
} else{
    return response()->json(['status'=>'anda bukan petugas']);
}
}

public function store(Request $request){
    $validator=Validator::make($request->all(),
    [
```

```

        'id_anggota'=>'required',
        'id_petugas'=>'required',
        'tgl_pinjam'=>'required',
        'deadline'=>'required',
        'denda'=>'required'
    ]
);

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

$simpan=Pinjam::create([
    'id_anggota'=>$request->id_anggota,
    'id_petugas'=>$request->id_petugas,
    'tgl_pinjam'=>$request->tgl_pinjam,
    'deadline'=>$request->deadline,
    'denda'=>$request->denda
]);
$status=1;
$message="Peminjaman Berhasil Ditambah";
if($simpan){
    return Response()->json(compact('status','message'));
}else {
    return Response()->json(['status'=>0]);
}
}

public function update($id,Request $request){
    $validator=Validator::make($request->all(),
    [
        'id_anggota'=>'required',
        'id_petugas'=>'required',
        'tgl_pinjam'=>'required',
        'deadline'=>'required',
        'denda'=>'required'
    ]
);

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

$ubah=Pinjam::where('id',$id)->update([
    'id_anggota'=>$request->id_anggota,
    'id_petugas'=>$request->id_petugas,
    'tgl_pinjam'=>$request->tgl_pinjam,

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        'deadline'=>$request->deadline,
        'denda'=>$request->denda
    ]);
    $status=1;
    $message="Data Berhasil Diubah";
    if($ubah){
        return Response()->json(compact('status','message'));
    }else {
        return Response()->json(['status'=>0]);
    }
}

public function tampil(){
    $data=DB::table('peminjaman')
        ->join('anggota','anggota.id','=','peminjaman.id_anggota')
        ->join('petugas','petugas.id','=','peminjaman.id_petugas')
        ->join('detail_pinjam','detail_pinjam.id_pinjam','=','peminjaman.id')
        -
>select('peminjaman.id_anggota','anggota.nama_anggota','peminjaman.id_petugas','petuga
s.nama_petugas','peminjaman.tgl_pinjam','peminjaman.deadline','peminjaman.denda','deta
il_pinjam.id_pinjam','detail_pinjam.id_buku')
        ->get();
    $count=$data->count();
    $status=1;
    $message="Peminjaman Berhasil ditampilkan";
    return response()->json(compact('data','count'));
}

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

```

-controller detail

```

public function simpan(Request $request){
    $validator=Validator::make($request->all(),
    [
        'id_pinjam'=>'required',
        'id_buku'=>'required',
        'qty'=>'required'
    ]

```

```

    ]
  );

  if($validator->fails()){
    return Response()->json($validator->errors());
  }
  $simpan=Detail::create([
    'id_pinjam'=>$request->id_pinjam,
    'id_buku'=>$request->id_buku,
    'qty'=>$request->qty
  ]);
  $status=1;
  $message="Detail Berhasil Ditambahkan";
  if($simpan){
    return Response()->json(compact('status','message'));
  }else {
    return Response()->json(['status'=>0]);
  }
}

public function ubah($id,Request $request){
  $validator=Validator::make($request->all(),
    [
      'id_pinjam'=>'required',
      'id_buku'=>'required',
      'qty'=>'required'
    ]
  );
  if($validator->fails()){
    return Response()->json($validator->errors());
  }

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

public function hapus($id){

```

```

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

```

-model peminjaman

```

protected $table="peminjaman";
protected $primaryKey="id";
protected $fillable = [
    'id_anggota', 'id_petugas', 'tgl_pinjam', 'deadline', 'denda'
];

public function anggota() {
    return $this->belongsTo('App/Anggota', 'id_anggota');
}
public function petugas() {
    return $this->belongsTo('App/Petugas', 'id_petugas');
}
public function detail(){
    return $this->hasOne('App\Detail','id');
}

```

-model detail

```

protected $table = "detail_pinjam";
protected $primaryKey = "id";
protected $fillable = [
    'id_pinjam', 'id_buku', 'qty'
];

public function buku() {
    return $this->belongsTo('App/Buku', 'id_buku');
}
public function peminjaman() {
    return $this->belongsTo('App/Pinjam', 'id_pinjam');
}

```

-tambah peminjaman

POST http://localhost/projekperpus/public/api/tambah_pinjam

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

| KEY | VALUE | DESCRIPTION |
|--|------------|-------------|
| <input checked="" type="checkbox"/> id_anggota | 10 | |
| <input checked="" type="checkbox"/> id_petugas | 6 | |
| <input checked="" type="checkbox"/> tgl_pinjam | 2020-01-12 | |
| <input checked="" type="checkbox"/> deadline | 2020-01-21 | |
| <input checked="" type="checkbox"/> denda | - | |
| <input type="checkbox"/> password_confirmation | 123456 | |
| <input type="checkbox"/> level | admin | |
| Key | Value | Description |

Body Cookies Headers (11) Test Results Status: 200 OK Time: 382ms Size: 405 B Save Response

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "status": 1,
3   "message": "Peminjaman Berhasil Ditambah"
4 }
```

-ubah peminjaman

PUT http://localhost/projekperpus/public/api/ubah_pinjam/1

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

| KEY | VALUE | DESCRIPTION |
|--|------------|-------------|
| <input checked="" type="checkbox"/> id_anggota | 11 | |
| <input checked="" type="checkbox"/> id_petugas | 6 | |
| <input checked="" type="checkbox"/> tgl_pinjam | 2020-01-02 | |
| <input checked="" type="checkbox"/> deadline | 2020-01-09 | |
| <input checked="" type="checkbox"/> denda | - | |
| Key | Value | Description |

Body Cookies Headers (11) Test Results Status: 200 OK Time: 434ms Size: 397 B Save Response

Pretty Raw Preview Visualize BETA JSON

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

-tampil peminjaman

GET http://localhost/projekperpus/public/api/tampil_pinjam

Send Save

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "data": [
3     {
4       "id_anggota": 10,
5       "nama_anggota": "snaff",
6       "id_petugas": 6,
7       "nama_petugas": "farras",
8       "tgl_pinjam": "2020-01-12",
9       "deadline": "2020-01-21",
10      "denda": "-",
11      "id_pinjam": 2,
12      "id_buku": 6
13    },
14    {
15      "id_anggota": 10,
16      "nama_anggota": "snaff",
17      "id_petugas": 6,
18      "nama_petugas": "farras",
19      "tgl_pinjam": "2020-01-12",
20      "deadline": "2020-01-21",
21      "denda": "-",
22      "id_pinjam": 2,
23      "id_buku": 5
24    }
25  ],
26  "count": 2
27 }
```

-hapus peminjaman

DELETE http://localhost/projekperpus/public/api/hapus_pinjam/1

Send Save

Pretty Raw Preview Visualize BETA JSON

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

-tambah detail pinjam

POST http://localhost/projekperpus/public/api/simpan_detail

Send Save

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

| KEY | VALUE | DESCRIPTION |
|--|------------|-------------|
| <input checked="" type="checkbox"/> id_pinjam | 2 | |
| <input checked="" type="checkbox"/> id_buku | 6 | |
| <input checked="" type="checkbox"/> qty | 2 | |
| <input type="checkbox"/> deadline | 2020-01-21 | |
| <input type="checkbox"/> denda | - | |
| <input type="checkbox"/> password_confirmation | 123456 | |
| <input type="checkbox"/> level | admin | |
| Key | Value | Description |

Body Cookies Headers (11) Test Results Status: 200 OK Time: 361ms Size: 404 B Save Response

Pretty Raw Preview Visualize BETA JSON

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

-ubah detail pinjam

PUT Send Save

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

| | KEY | VALUE | DESCRIPTION | ... | Bulk Edit |
|-------------------------------------|-----------|------------|-------------|-----|-----------|
| <input checked="" type="checkbox"/> | id_pinjam | 2 | | | |
| <input checked="" type="checkbox"/> | id_buku | 6 | | | |
| <input checked="" type="checkbox"/> | qty | 3 | | | |
| <input type="checkbox"/> | deadline | 2020-01-09 | | | |
| <input type="checkbox"/> | denda | - | | | |
| | Key | Value | Description | | |

Body Cookies Headers (11) Test Results Status: 200 OK Time: 609ms Size: 399 B Save Response

Pretty Raw Preview Visualize BETA JSON

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

-hapus detail pinjam

DELETE Send Save

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

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

This request does not have a body

Body Cookies Headers (11) Test Results Status: 200 OK Time: 383ms Size: 400 B Save Response

Pretty Raw Preview Visualize BETA JSON

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