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1. Controller

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6 use App\Peminjaman;
7 use App\Buku;
8 use App\detail_peminjaman;
9 use JWTAuth;
10 use DB;
11 use Auth;
12 use Illuminate\Support\Facades\Validator;
13 use Tymon\JWTAuth\Exceptions\JWTException;
14
15 class PeminjamanController extends Controller
16 {
17
18     public function index(){
19         if(Auth::user()->level=="admin"){
20             $peminjaman=DB::table('peminjaman')
21                 ->join('anggota','anggota.id','=','peminjaman.id_anggota')
22                 ->join('petugas','petugas.id','=','peminjaman.id_petugas')
23                 ->select('peminjaman.id','peminjaman.id_anggota','anggota.nama_anggota','peminjaman.tgl_pinjam','peminjaman.tgl_kembali','peminjaman.denda')
24                 ->get();
25
26             $data=array();
27             foreach ($peminjaman as $dt_pj){
28                 $ok=detail_peminjaman::where('id_pinjam',$dt_pj->id)->get();
29                 $arr_detail=array();
30                 foreach ($ok as $ok) {
31                     $arr_detail[]=array(
32                         'id_pinjam' =>$ok->id_pinjam,
33                         'id_buku' => $ok->id_buku,
34                         'qty' => $ok->qty
35                     );
36                 }
37
38                 $data[]=array(
39                     'id' => $dt_pj->id,
40                     'id_anggota' => $dt_pj->id_anggota,
41                     'nama_anggota' => $dt_pj->nama_anggota,
42                     'tgl_pinjam' => $dt_pj->tgl_pinjam,
43                     'tgl_kembali' => $dt_pj->tgl_kembali,
44                     'denda' => $dt_pj->denda,
45                     'detail_peminjaman' => $arr_detail
46                 );
47             }
48             return response()->json(compact('data'));
49         } else{
50             return response()->json(['status'=>'anda bukan admin']);
51         }
52     }
53
54     public function store(Request $request){
55         $validator=Validator::make($request->all(),
56             [
57                 'id_anggota'=>'required',
58                 'id_petugas'=>'required',
59                 'tgl_pinjam'=>'required',
60                 'tgl_kembali'=>'required',
61                 'denda'=>'required'
62             ]
63         );
64
65         if($validator->fails()){
66             return Response()->json($validator->errors());
67         }
68
69         $simpan=Peminjaman::create([
70             'tgl_pinjam'=>$request->tgl_pinjam,
71             'id_anggota'=>$request->id_anggota,
72             'id_petugas'=>$request->id_petugas,
```

```

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

```

```

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

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

```

```

$ubah=Peminjaman::where('id',$id)->update([
    'id_anggota'=>$request->id_anggota,
    'id_petugas'=>$request->id_petugas,
    'tgl_pinjam'=>$request->tgl_pinjam,
    'tgl_kembali'=>$request->tgl_kembali,
    'denda'=>$request->denda
]);
$status=1;

```

```

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

```

```

public function tampil_pinjam(){
    $data=DB::table('peminjaman')
    ->join('anggota','anggota.id','=','peminjaman.id_anggota')
    ->join('petugas','petugas.id','=','peminjaman.id_petugas')
    ->select('peminjaman.id','anggota.nama_anggota','anggota.alamat','anggota.telp','petugas.nama_petugas','peminjaman.tgl_pinjam','peminjaman.tgl_kembali')
    ->get();
    $count=$data->count();
    $status=1;
    $message="Peminjaman Berhasil ditampilkan";
    return response()->json(compact('data','status','message','count'));
}

```

```

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

```

```

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());
    }

    $simpan=detail_peminjaman::create([
        'id_pinjam'=>$request->id_pinjam,
        'id_buku'=>$request->id_buku,
        'qty'=>$request->qty
    ]);
    $status=1;
    $message="Detail Peminjaman Berhasil Ditambahkan";
    if($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());
}

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

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

```

```

<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class detail_peminjaman extends Model
{
    protected $table="detail_peminjaman";
    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/Peminjaman', 'id_pinjam');
    }
}

```

2. Model

```

<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Peminjaman extends Model
{
    protected $table = "peminjaman";
    protected $primaryKey = "id";
    protected $fillable = [
        'tgl_pinjam',
        'id_anggota',
        'id_petugas',
        'tgl_kembali',
        'denda',
    ];
    public function Anggota_model(){
        return $this->belongsTo('App\Anggota_model', 'id_anggota');
    }
    public function Petugas_model(){
        return $this->belongsTo('App\Petugas_model', 'id_petugas');
    }

    public function detail(){
        return $this->hasOne('App\detail_peminjaman','id');
    }
    public $timestamps = false;
}

```

3. Api

```

Route::get('index', 'PeminjamanController@index')->middleware('jwt.verify');
Route::post('simpan', 'PeminjamanController@store')->middleware('jwt.verify');
Route::put('/ubah/{id}', 'PeminjamanController@update')->middleware('jwt.verify');
Route::delete('hapus/{id}', 'PeminjamanController@destroy')->middleware('jwt.verify');
Route::get("tampil", "PeminjamanController@tampil_pinjam")->middleware('jwt.verify');

Route::post('/simpan_detail', 'PeminjamanController@simpan')->middleware('jwt.verify');
Route::put('/ubah_detail/{id}', 'PeminjamanController@ubah')->middleware('jwt.verify');
Route::delete('/hapus_detail/{id}', 'PeminjamanController@hapus')->middleware('jwt.verify');
Route::get('/tampil_detail', 'PeminjamanController@index')->middleware('jwt.verify');

```

4. Hasil

5.

DELETE

http://localhost:8/perpus/public/api/hapus_detail/2

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"/>	id_pinjam	3	
<input checked="" type="checkbox"/>	id_buku	2	
<input checked="" type="checkbox"/>	qty	1	
	Key	Value	Description

Body

Cookies

Headers (11)

Test Results

Status: 200 OK Time: 12.72s

Pretty

Raw

Preview

Visualize BETA

JSON

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

Untitled Request

Comments (0)

DELETE

http://localhost:8/perpus/public/api/hapus/1

Send

Save

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL BETA

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	tgl_pinjam	1234			
<input checked="" type="checkbox"/>	id_anggota	3			
<input checked="" type="checkbox"/>	id_petugas	2			
<input checked="" type="checkbox"/>	tgl_kembali	2345			
<input checked="" type="checkbox"/>	denda	0			
	Key	Value	Description		

Body

Cookies

Headers (11)

Test Results

Status: 200 OK Time: 1421ms Size: 404 B Save Response

Pretty

Raw

Preview

Visualize BETA

JSON

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

POST

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

Send

Save

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL BETA

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	id_pinjam	2			
<input checked="" type="checkbox"/>	id_buku	3			
<input checked="" type="checkbox"/>	qty	1			
	Key	Value	Description		

Body

Cookies

Headers (11)

Test Results

Status: 200 OK Time: 1929ms Size: 415 B Save Response

Pretty

Raw

Preview

Visualize BETA

JSON

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

Untitled Request

Comments (0)

POST

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

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

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> tgl_pinjam	03022020			
<input checked="" type="checkbox"/> id_anggota	3			
<input checked="" type="checkbox"/> id_petugas	2			
<input checked="" type="checkbox"/> tgl_kembali	05022020			
<input checked="" type="checkbox"/> denda	0			
Key	Value	Description		

Body

Cookies

Headers (11)

Test Results

Status: 200 OK

Time: 32.00s

Size: 408 B

Save Response

Pretty

Raw

Preview

Visualize BETA

JSON

1

2

3

4

```
{  "status": 1,  "message": "Peminjaman Berhasil Ditambahkan"}
```

Untitled Request

Comments (0)

PUT

http://localhost:8/perpus/public/api/ubah_detail/1

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

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> id_pinjam	3			
<input checked="" type="checkbox"/> id_buku	2			
<input checked="" type="checkbox"/> qty	1			
Key	Value	Description		

Body

Cookies

Headers (11)

Test Results

Status: 200 OK

Time: 12.05s

Size: 410 B

Save Response

Pretty

Raw

Preview

Visualize BETA

JSON

1

2

3

4

```
{  "status": 1,  "message": "Detail Peminjaman Berhasil Diubah"}
```

PUT

http://localhost:8/perpus/public/api/ubah/1

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

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> tgl_pinjam	1234			
<input checked="" type="checkbox"/> id_anggota	3			
<input checked="" type="checkbox"/> id_petugas	2			
<input checked="" type="checkbox"/> tgl_kembali	2345			
<input checked="" type="checkbox"/> denda	0			
Key	Value	Description		

Body

Cookies

Headers (11)

Test Results

Status: 200 OK

Time: 2.45s

Size: 403 B

Save Response

Pretty

Raw

Preview

Visualize BETA

JSON

1

2

3

4

```
{  "status": 1,  "message": "Peminjaman Berhasil Diubah"}
```


GET

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

Send

Save

ParamsAuthorizationHeaders (10)BodyPre-request ScriptTestsSettingsCookiesCode

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL BETA

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	tgl_pinjam	123456			
<input checked="" type="checkbox"/>	id_anggota	3			
<input checked="" type="checkbox"/>	id_petugas	2			
<input checked="" type="checkbox"/>	tgl_kembali	2341			
<input checked="" type="checkbox"/>	denda	0			
	Key	Value	Description		

BodyCookiesHeaders (11)Test ResultsStatus: 200 OKTime: 1469msSize: 428 BSave Response

PrettyRawPreviewVisualize BETAJSON

```
1 {
2   "data": [],
3   "status": 1,
4   "message": "Peminjaman Berhasil ditampilkan",
5   "count": 0
6 }
```