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## 1. Controller Peminjam

```
class Peminjaman extends Controller
{
    public function store(Request $req)
    {
        $validator=Validator::make($req->all(),
        [
            'id_anggota'=>'required',
            'id_petugas'=>'required',
            'deadline'=>'required',
            'denda'=>'required',
        ]);
        if($validator->fails()){
            return Response()->json($validator->errors());
        }
        $simpan=Peminjaman_model::create([
            'tgl'=>date('Y-m-d H:i:s'),
            'id_anggota'=>$req->id_anggota,
            'id_petugas'=>$req->id_petugas,
            'deadline'=>$req->deadline,
            'denda'=>$req->denda
        ]);
        if($simpan){
            $pesan['message'] = 'berhasil tambah broh';
            return Response()->json($pesan);
        } else {
            $pesan['message'] = 'gagal tambah broh';
            return Response()->json($pesan);
        }
    }
    public function update($id,Request $req)
    {
        $validator=Validator::make($req->all(),
        [
            'tgl'=>'required',
            'id_anggota'=>'required',
            'id_petugas'=>'required',
            'deadline'=>'required',
            'denda'=>'required',
        ]);
        if($validator->fails()){
            return Response()->json($validator->errors());
        }
        $ubah=Peminjaman_model::where('id',$id)->update([
            'tgl'=>date('Y-m-d H:i:s'),
            'id_anggota'=>$req->id_anggota,
            'id_petugas'=>$req->id_petugas,
            'deadline'=>$req->deadline,
            'denda'=>$req->denda
        ]);
    }
}
```

```

        if($ubah){
            $data['message'] = 'Peminjaman Berhasil diubah';
            return Response()->json($data);
        } else {
            $data['message'] = 'Peminjaman gagal diubah';
            return Response()->json($data);
        }
    }

    public function destroy($id)
    {
        $hapus=Peminjaman_model::where('id',$id)->delete();
        if($hapus){
            $pesan['message'] = 'Peminjaman berhasil dihapus';
            return Response()->json($pesan);
        }else{
            $pesan['message'] = 'Peminjaman gagal dihapus';
            return Response()->json($pesan);
        }
    }

    public function detail($id){
        $stampil = Peminjaman_model::join('anggota', 'anggota.id', 'peminjaman.id_anggota')->
        where('id_peminjaman', $id)->first();

        $buku = Detail_model::where('id_pinjam', $id)->get();

        $dt['data']['id_anggota']=$stampil->id_anggota;
        $dt['data']['nama_anggota']=$stampil->nama_anggota;
        $dt['data']['id_petugas']=$stampil->id_petugas;
        $dt['data']['tgl']=$stampil->tgl;
        $dt['data']['tgl_kembali']=$stampil->tgl_kembali;
        $dt['data']['denda']=$stampil->denda;
        $dt['data']['deadline']=$stampil->deadline;
        $dt['data']['data_buku']=$buku;
        return Response()->json($dt);
    }
}

```

## 2. Controller Detail\_peminjaman

```

class detail extends Controller
{
    public function store(Request $req)
    {
        $validator=Validator::make($req->all(),
        [
            'id_buku'=>'required',
            'id_pinjam'=>'required',
            'qty'=>'required'
        ]);
        if($validator->fails()){
            return Response()->json($validator->errors());
        }
        $simpan=Detail_model::create([
            'id_buku'=>$req->id_buku,
            'id_pinjam'=>$req->id_pinjam,
            'qty'=>$req->qty
        ]);
        if($simpan){
            $pesan['message'] = 'berhasil tambah broh';
            return Response()->json($pesan);
        } else {
            $pesan['message'] = 'gagal tambah broh';
            return Response()->json($pesan);
        }
    }
    public function update($id,Request $req)
    {
        $validator=Validator::make($req->all(),
        [
            'id_buku'=>'required',
            'id_pinjam'=>'required',
            'qty'=>'required'
        ]
        );
        if($validator->fails()){
            return Response()->json($validator->errors());
        }
        $ubah=Detail_model::where('id',$id)->update([
            'id_buku'=>$req->id_buku,
            'id_pinjam'=>$req->id_pinjam,
            'qty'=>$req->qty
        ]);
        if($ubah){
            $data['message'] = 'Detail Berhasil diubah';
            return Response()->json($data);
        } else {
            $data['message'] = 'Detail gagal diubah';
            return Response()->json($data);
        }
    }
}

```

```

public function destroy($id)
{
    $hapus=Detail_model::where('id',$id)->delete();
    if($hapus){
        $pesan['message'] = 'Detail berhasil dihapus';
        return Response()->json($pesan);
    }else{
        $pesan['message'] = 'detail gagal dihapus';
        return Response()->json($pesan);
    }
}

```

### 3. Model Peminjaman

```
1  <?php
2
3  namespace App;
4
5  use Illuminate\Database\Eloquent\Model;
6
7  class Peminjaman_model extends Model
8  {
9      protected $table="peminjaman";
10     protected $primaryKey="id_peminjam";
11     public $timestamps=false;
12     protected $fillable = [
13         'tgl', 'tgl_kembali', 'id_anggota', 'id_petugas', 'deadline', 'denda'
14     ];
15 }
16
```

### 4. Model Detail\_peminjam

```
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Detail_model extends Model
{
    protected $table="detail_peminjaman";
    protected $primaryKey="id";
    public $timestamps=false;
    protected $fillable = [
        'qty', 'id_pinjam', 'id_buku'
    ];
}
```

Hasil post man

## 5. Insert Peminjaman

The screenshot shows a Postman interface for a POST request to `http://localhost/perpustakaan/public/api/simpan_peminjam`. The request is configured with the following form data:

KEY	VALUE	DESCRIPTION
<input type="checkbox"/> id_peminjaman		
<input checked="" type="checkbox"/> tgl	2020-12-01	
<input checked="" type="checkbox"/> tgl_kembali	2020-12-03	
<input checked="" type="checkbox"/> id_anggota	2	
<input checked="" type="checkbox"/> id_petugas	9	
<input checked="" type="checkbox"/> deadline	2020-12-11	
<input checked="" type="checkbox"/> denda	-	

The response status is 200 OK, with a time of 274ms and a size of 386 B. The response body is shown in JSON format:

```
1 {  
2   "message": "berhasil tambah broh"  
3 }
```

## 6. update peminjaman

The screenshot shows a Postman interface for a PUT request to `http://localhost/perpustakaan/public/api/ubah_peminjaman/1`. The request is configured with the following form data:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> tgl	2020-11-11	
<input checked="" type="checkbox"/> tgl_kembali	2020-12-12	
<input checked="" type="checkbox"/> id_anggota	4	
<input checked="" type="checkbox"/> deadline	2020-03-03	
<input checked="" type="checkbox"/> denda	-	
<input checked="" type="checkbox"/> id_petugas	8	

The response status is 200 OK, with a time of 360ms and a size of 371 B. The response body is shown in JSON format:

```
1 {  
2   "message": "Peminjaman Berhasil diubah"  
3 }
```

## 7. delete peminjaman

The screenshot shows a Postman interface for a DELETE request. The URL is `http://localhost/perpustakaan/public/api/hapus_peminjaman/1`. The response status is 200 OK, with a time of 298ms and a size of 372 B. The response body is a JSON object: `{"message": "Peminjaman berhasil dihapus"}`.

**DELETE** `http://localhost/perpustakaan/public/api/hapus_peminjaman/1` **Send** **Save**

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (10) Test Results Status: 200 OK Time: 298ms Size: 372 B Save Response

Pretty Raw Preview Visualize BETA JSON

```
1  {"message": "Peminjaman berhasil dihapus"}
2
3
```

## 8. insert detail\_peminjaman

The screenshot shows a Postman interface for a POST request. The URL is `http://localhost/perpustakaan/public/api/simpan_detail`. The request body is form-data with the following fields: `id_peminjaman` (empty), `id_buku` (2), `id_pinjam` (1), and `qty` (2). The response status is 200 OK, with a time of 345ms and a size of 386 B. The response body is a JSON object: `{"message": "berhasil tambah broh"}`.

**POST** `http://localhost/perpustakaan/public/api/simpan_detail` **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
<input type="checkbox"/> id_peminjaman		
<input checked="" type="checkbox"/> id_buku	2	
<input checked="" type="checkbox"/> id_pinjam	1	
<input checked="" type="checkbox"/> qty	2	
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
Key	Value	Description

Body Cookies Headers (11) Test Results Status: 200 OK Time: 345ms Size: 386 B Save Response

Pretty Raw Preview Visualize BETA JSON

```
1  {"message": "berhasil tambah broh"}
2
3
```

## 9. update detail\_peminjaman

Untitled Request Comments (0)

PUT http://localhost/perpustakaan/public/api/ubah\_detail/1 Send Save

Params Authorization Headers (9) **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	5			
<input checked="" type="checkbox"/>	id_buku	5			
<input checked="" type="checkbox"/>	qty	8			
<input type="checkbox"/>	deadline	2020-03-03			
<input type="checkbox"/>	denda	-			
	Key	Value	Description		

**Body** Cookies Headers (10) Test Results Status: 200 OK Time: 437ms Size: 367 B Save Response

Pretty Raw Preview Visualize BETA JSON ⌵ ⌵

```
1 {  
2   "message": "Detail Berhasil diubah"  
3 }
```

## 10. delete detail\_peminjaman

POST POST GET PUT DEL GET POST PUT DEL GET No Environment ⌵ ⌵

Untitled Request Comments (0)

DELETE http://localhost/perpustakaan/public/api/hapus\_detail/2 Send Save

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies Code

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
	Key	Value	Description		

**Body** Cookies Headers (10) Test Results Status: 200 OK Time: 320ms Size: 368 B Save Response

Pretty Raw Preview Visualize BETA JSON ⌵ ⌵

```
1 {  
2   "message": "Detail berhasil dihapus"  
3 }
```



## 11. Get join peminjaman anggota dan detail\_peminjaman

The screenshot shows a REST client interface with a GET request to `http://localhost/perpustakaan/public/api/tampil_peminjaman/1`. The response status is 200 OK, with a time of 244ms and a size of 596 B. The response body is displayed in JSON format, showing a member with ID 4 and a loan with ID 1.

```
{
  "data": {
    "id_anggota": 4,
    "nama_anggota": "sigaga",
    "id_petugas": 8,
    "tgl": "2020-02-03",
    "tgl_kembali": "2020-02-05",
    "denda": "-",
    "deadline": "2020-03-03",
    "data_buku": [
      {
        "id": 1,
        "id_buku": 1,
        "id_pinjam": 1,
        "qty": "3",
        "created_at": null,
        "updated_at": null
      }
    ]
  }
}
```