Postman

Get Join


```
GET          ▼    perpus/api/show6

Pretty    Raw    Preview    Visualize BETA    JSON  ▼    ⇉

  1   {
  2       "data_peminjam": [
  3           {
  4               "id anggota": 3,
  5               "nama anggota": "xo",
  6               "id petugas": 11,
  7               "tanggal pinjam": "2020-03-16 00:00:00",
  8               "tanggal deadline": "2020-02-10 04:45:36",
  9               "denda": "100",
 10               "daftar buku dipinjam": [
 11                   {
 12                       "nama buku": "aku",
 13                       "jumlah dipinjam": 2
 14                   }
 15               ]
 16           }
 17       ]
 18   }
```
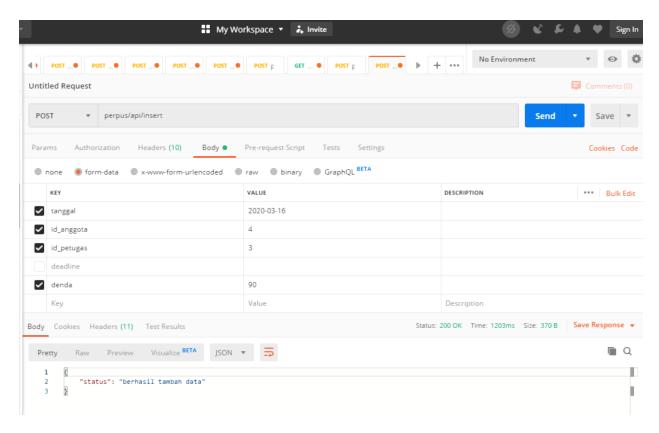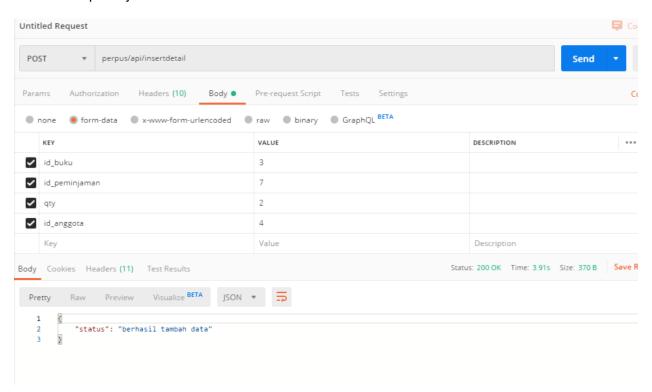
Insert peminjaman

Insert detail peminjaman

Script

Controller

Detailcontroller

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use Auth;
use DB;
use Session;
use App\peminjaman;
use App\detail;
use Validator;

class detailcontrolle extends Controller
{
public function detail(Request $req){
    $Validator=Validator::make($req->all(),
    [
    'id_peminjaman'=>'required',
    'id_anggota'=>'required',
    'qty'=>'required',
    ]);
    if($Validator->fails()){
        response()->json('invalid input') ;
    }
    if(Auth::user()->levels=="admin" ){
        $simpan=detail::create([
            'id_buku'=>$req->id_buku,
            'qty'=>$req->qty,
            'id_peminjaman'=>$req->id_peminjaman,
            'id_anggota'=>$req->id_anggota
        ]);
        if($simpan){
            return response ()->json(['status'=>'berhasil tambah data']);
        }
        else{
            return response ()->json(['status'=>'gagal']);
        }
            }
            else{
                return response()-
>json(['status'=>'gagal :(']);
```

```
            }
        }
}
```

Peminjaman controller

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use Auth;
use DB;
use Session;
use App\peminjaman;
use App\detail;
use App\anggota;
use Validator;
class peminjamancontroller extends Controller
{
public function peminjaman(Request $req){
    $Validator=Validator::make($req->all(),
    [
    'tanggal'=>'required',
    'id_anggota'=>'required',
    'id_petugas'=>'required',
    'deadline'=>'required',
    'denda'=>'required'
    ]);
    if($Validator->fails()){
        response()->json('invalid input') ;
    }
    if(Auth::user()->levels=="admin" ){
        $date=date("y-m-d H:i:s");
        $deadline=date("y-m-d H:i:s",strtotime('+7 days',strtotime($date)));
        $simpan=peminjaman::create([
            'tanggal'=>$req->tanggal,
            'id_anggota'=>$req->id_anggota,
            'id_petugas'=>Auth::user()->id,
            'deadline'=>$deadline,
            'denda'=>$req->denda

        ]);
```

```php
        if($simpan){
            return response ()->json(['status'=>'berhasil tambah data']);
        }
        else{
            return response ()->json(['status'=>'gagal']);
        }
        }
        else{
            return response()-
>json(['status'=>'gagal :(']);
        }
    }
    public function show($id){
        $datapinjam = DB::table('table_peminjaman')-
>join('table_anggota','table_peminjaman.id_anggota','=','table_anggota.id')
                ->where('table_peminjaman.id','=',$id)
                ->select('table_peminjaman.*','table_anggota.*')-
>first();
        $data_peminjam = array();
            $buku = DB::table('table_detail_peminjaman')-
>join('table_buku','table_detail_peminjaman.id_buku','=','table_buku.id')
                ->where('table_detail_peminjaman.id_peminjaman','=',$id)
                ->select('table_detail_peminjaman.*','table_buku.*')-
>get();
            $arr_buku = array();
            foreach($buku as $b){
                $arr_buku[] = array(
                    'nama buku' => $b->judul,
                    'jumlah dipinjam' => $b->qty
                );
            }
            $data_peminjam[] = array(
                'id anggota' => $datapinjam->id_anggota,
                'nama anggota' => $datapinjam->nama_anggota,
                'id petugas' => $datapinjam->id_petugas,
                'tanggal pinjam' => $datapinjam->tanggal,
                'tanggal deadline' => $datapinjam->deadline,
                'denda' => $datapinjam->denda,
                'daftar buku dipinjam' => $arr_buku
            );
        return response()->json(compact('data_peminjam'));
    }
}
```

Model

Peminjaman

```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class peminjaman extends Model
{
    protected $table="table_peminjaman";
    protected $primaryKey="id";
    protected $fillable=['tanggal','id_anggota','id_petugas','deadline','denda'];
}
```

Detail

```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class detail extends Model
{
    protected $table="table_detail_peminjaman";
    protected $primaryKey="id";
    protected $fillable=['id_peminjaman','id_buku','qty','id_anggota'];
}
```