Luthfarras Tresanizega / XIR6 / 17 Tugas 6 Transaksi Peminjaman

-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"));
      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'));
    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,
```

```
'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'
      1
  );
  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'));
    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');
}
```

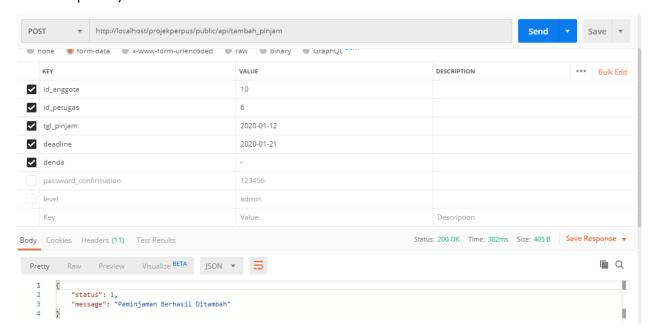
-model detail

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

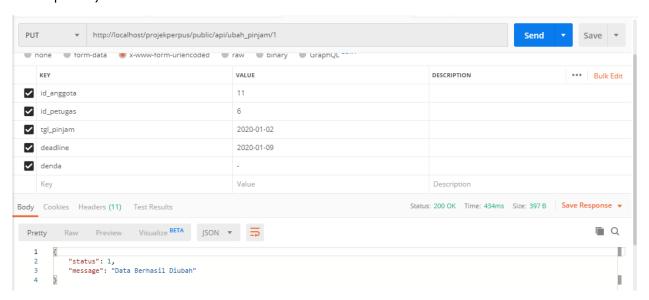
public function buku() {
   return $this->belongsTo('App/Buku', 'id_buku');
}

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

-tambah peminjaman



-ubah peminjaman



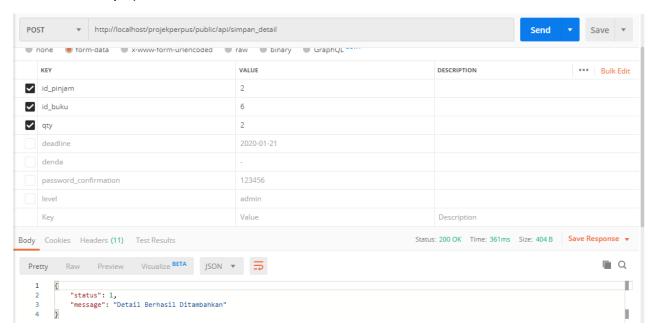
-tampil peminjaman

```
GET
                    ▼ http://localhost/projekperpus/public/api/tampil_pinjam
                                                                                                                                                                                                              Send
                                                                                                                                                                                                                                       Save ▼
               Raw Preview Visualize BETA JSON ▼
                                                                                                                                                                                                                                             ■ Q
Pretty
                  "data": [
                              "id_anggota": 10,
"nama_anggota": "snaff",
                              nama_anggota: Sharr,
"id_petugas": 6,
"nama_petugas": "farras",
"tgl_pinjam": "2020-01-12",
"deadline": "2020-01-21",
 10
11
                              "denda": "-",
"id_pinjam": 2,
                              "id_buku": 6
  13
 14
15
                             "id_anggota": 10,
"nama_anggota": "snaff",
 16
17
18
                            "id_petugas": 6;
"nama_petugas": "farras",
"tgl_pinjam": "2020-01-12",
"deadline": "2020-01-21",
"denda": "-",
 20
21
  22
                              "id_pinjam": 2,
 23
                              "id_buku": 5
 24
```

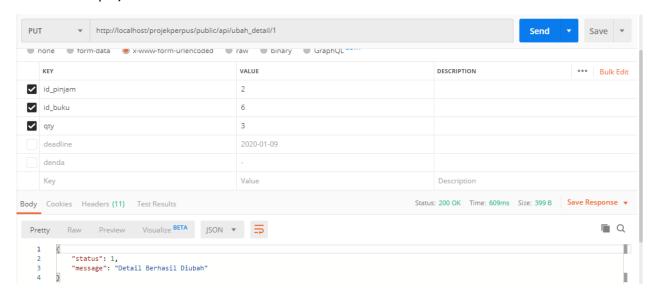
-hapus peminjaman



-tambah detail pinjam



-ubah detail pinjam



-hapus detail pinjam

