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No : 26/Laravel

Tugas 6 Transaksi Peminjaman Buku

1. Controller


```php
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Peminjamanmodel;
use App\Buku;
use App\detail_peminjaman;
use JWTAuth;
use DB;
use Auth;
use Illuminate\Support\Facades\Validator;
use Tymon\JWTAuth\Exceptions\JWTException;
class Peminjamancontroller extends Controller
{
  public function index(){
if(Auth::user()->level=="admin"){
    $peminjaman=DB::table('peminjaman')
    ->join('anggota','anggota.id','=','peminjaman.id_anggota')
    ->join('petugas','petugas.id','=','peminjaman.id_petugas')
    ->select('peminjaman.id','peminjaman.id_anggota','peminjaman.id_petugas',
    'anggota.nama_anggota','peminjaman.tgl_pinjam','peminjaman.tgl_kembali','peminjaman.denda')
    ->get();
    $data=array();
    foreach ($peminjaman as $dt_pj){
      $ok=detail_peminjaman::where('id_pinjam',$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(
```

```php
      $data[]=array(
        'id' => $dt_pj->id,
        'id_anggota' => $dt_pj->id_anggota,
        'nama_anggota' => $dt_pj->nama_anggota,
        'tgl_pinjam' => $dt_pj->tgl_pinjam,
        'tgl_kembali' => $dt_pj->tgl_kembali,
        'denda' => $dt_pj->denda,
        'detail_peminjaman' => $arr_detail
      );
    }
    return response()->json(compact('data'));
} else{
    return response()->json(['status'=>'anda bukan admin']);
}
}
public function store(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());
    }
    $simpan=Peminjamanmodel::create([
      'id_anggota'=>$request->id_anggota,
      'id_petugas'=>$request->id_petugas,
      'tgl_pinjam'=>$request->tgl_pinjam,
      'tgl_kembali'=>$request->tgl_kembali,
```

```php
        '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());
    }
    $ubah=Peminjamanmodel::where('id',$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";
```

```php
    $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','peminjaman.denda')
    ->get();
    $count=$data->count();
    $status=1;
    $message="Peminjaman Berhasil ditampilkan";
    return response()->json(compact('data','status','message','count'));
}
public function destroy($id){
    $hapus=Peminjamanmodel::where('id',$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(),
        [
```

```php
Peminjamancontroller.php                 detail_peminjaman.php
128    [
129        'id_pinjam'=>'required',
130        'id_buku'=>'required',
131        'qty'=>'required'
132    ]
133  );
134  if($validator->fails()){
135      return Response()->json($validator->errors());
136  }
137  $simpan=detail_peminjaman::create([
138      'id_pinjam'=>$request->id_pinjam,
139      'id_buku'=>$request->id_buku,
140      'qty'=>$request->qty
141  ]);
142  $status=1;
143  $message="Detail Peminjaman Berhasil Ditambahkan";
144  if($simpan){
145      return Response()->json(compact('status','message'));
146  }else {
147      return Response()->json(['status'=>0]);
148  }
149  }
150  public function ubah($id,Request $request){
151  $validator=Validator::make($request->all(),
152      [
153          'id_pinjam'=>'required',
154          'id_buku'=>'required',
155          'qty'=>'required'
156      ]
157  );
158
159  if($validator->fails()){
160  return Response()->json($validator->errors());
```

```php
Peminjamancontroller.php                 detail_peminjaman.php
                'qty'=>'required'
156      ]
157  );
158
159  if($validator->fails()){
160  return Response()->json($validator->errors());
161  }
162  $ubah=detail_peminjaman::where('id',$id)->update([
163  'id_pinjam'=>$request->id_pinjam,
164  'id_buku'=>$request->id_buku,
165  'qty'=>$request->qty
166  ]);
167  $status=1;
168  $message="Detail Peminjaman Berhasil Diubah";
169  if($ubah){
170  return Response()->json(compact('status','message'));
171  }else {
172  return Response()->json(['status'=>0]);
173  }
174  }
175  public function hapus($id){
176  $hapus=detail_peminjaman::where('id',$id)->delete();
177  $status=1;
178  $message="Detail Peminjaman Berhasil Dihapus";
179  if($hapus){
180  return Response()->json(compact('status','message'));
181  }else {
182  return Response()->json(['status'=>0]);
183  }
184  }
185  }
186
```

2. Model peminjaman

3. Model detail_peminjaman

4. Uji post man peminjaman
   - Create

- Read

- Update
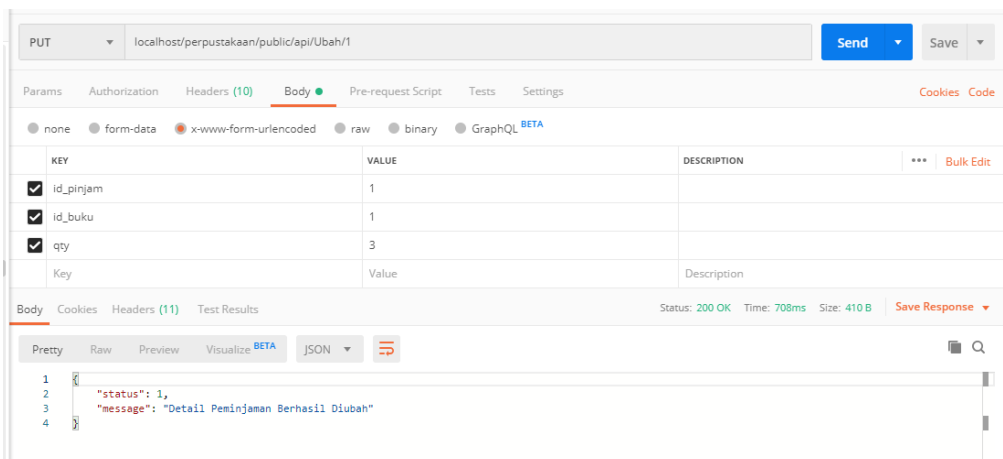
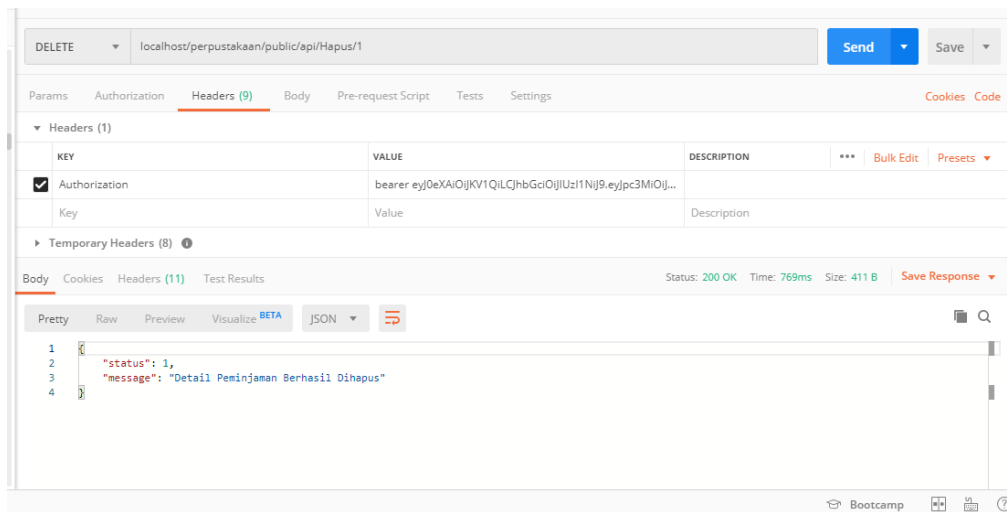- Delete

5. Uji post man detail_peminjaman
   - Create
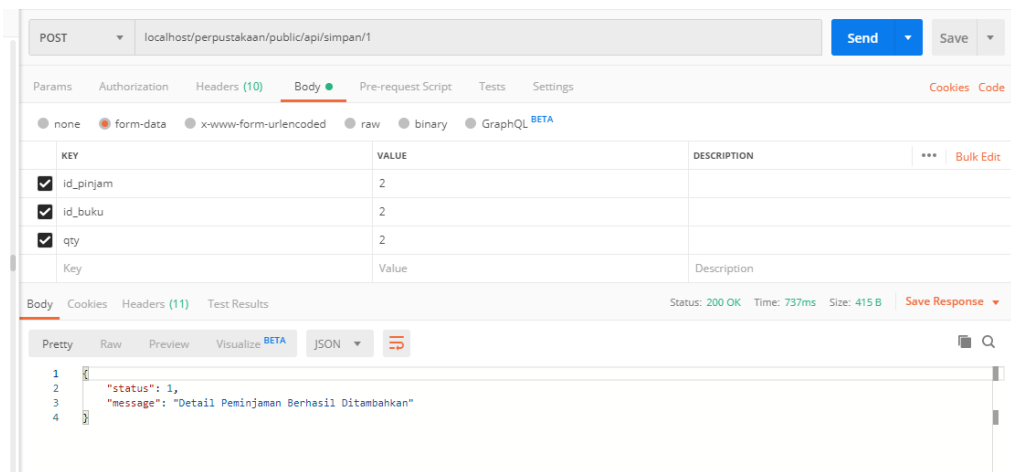
- Read
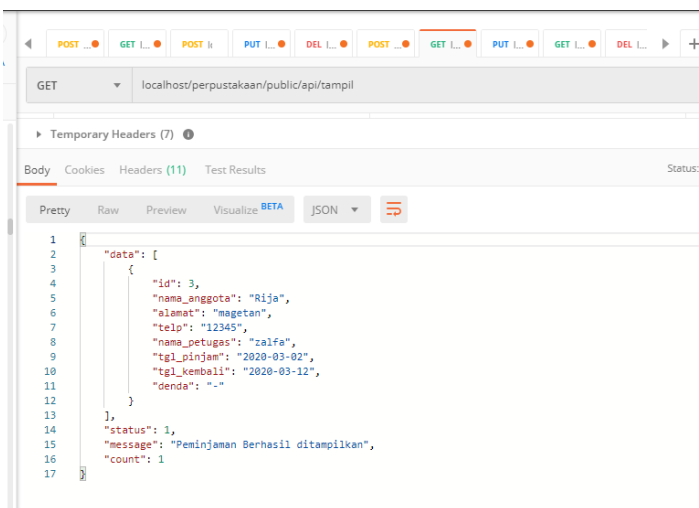
- Update

- Delete

6. Uji post man tampilan get join