### CODE LOGIN ADMIN

### A. PENYEWA

# a. CONTROLLER

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Penyewa;
use JWTAuth;
use Auth;
use Illuminate\Support\Facades\Validator;
use Tymon\JWTAuth\Exceptions\JWTException;
class PenyewaController extends Controller
    public function store(Request $request){
      if(Auth::user()->level=="admin"){
      $validator=Validator::make($request->all(),
          'nama penyewa'=>'required',
          'alamat'=>'required',
          'telp'=>'required',
          'no_ktp'=>'required',
          'foto'=>'required'
      );
      if($validator->fails()){
        return Response()->json($validator->errors());
      $simpan=Penyewa::create([
        'nama_penyewa'=>$request->nama_penyewa,
        'alamat'=>$request->alamat,
        'telp'=>$request->telp,
        'no ktp'=>$request->no ktp,
        'foto'=>$request->foto
      ]);
      $status=1;
      $message="Penyewa Berhasil Ditambahkan";
      if($simpan){
        return Response()->json(compact('status', 'message'));
      }else {
```

```
return Response()->json(['status'=>0]);
} else{
  return response()->json(['status'=>'anda bukan admin']);
public function update($id,Request $request){
  if(Auth::user()->level=="admin"){
  $validator=Validator::make($request->all(),
      'nama penyewa'=>'required',
      'alamat'=>'required',
      'telp'=>'required',
      'no_ktp'=>'required',
      'foto'=>'required'
);
  if($validator->fails()){
  return Response()->json($validator->errors());
  $ubah=Penyewa::where('id',$id)->update([
    'nama_penyewa'=>$request->nama_penyewa,
    'alamat'=>$request->alamat,
    'telp'=>$request->telp,
    'no ktp'=>$request->no ktp,
    'foto'=>$request->foto
  ]);
  $status=1;
  $message="Penyewa Berhasil Diubah";
  if($ubah){
    return Response()->json(compact('status','message'));
  }else {
    return Response()->json(['status'=>0]);
} else{
  return response()->json(['status'=>'anda bukan admin']);
public function tampil_penyewa(){
  if(Auth::user()->level=="admin"){
  $data_penyewa=Penyewa::get();
```

```
$count=$data_penyewa->count();
  $arr data=array();
  foreach ($data_penyewa as $dt_pw){
    $arr data[]=array(
      'id' => $dt_pw->id,
      'nama_penyewa' => $dt_pw->nama_penyewa,
      'alamat' => $dt pw->alamat,
      'telp' => $dt_pw->telp,
      'no_ktp' => $dt_pw->no_ktp,
      'foto' => $dt_pw->foto
    );
  }
  $status=1;
  return Response()->json(compact('status','count','arr_data'));
} else{
  return response()->json(['status'=>'anda bukan admin']);
public function destroy($id){
  if(Auth::user()->level=="admin"){
  $hapus=Penyewa::where('id',$id)->delete();
  $status=1;
  $message="Penyewa Berhasil Dihapus";
  if($hapus){
    return Response()->json(compact('status', 'message'));
  }else {
    return Response()->json(['status'=>0]);
} else{
  return response()->json(['status'=>'anda bukan admin']);
```

```
class Penyewa extends Model
{
  protected $table="penyewa";
  protected $primaryKey="id";
  protected $fillable = [
    'nama_penyewa',
```

```
'alamat',
  'telp',
  'no_ktp',
  'foto'
];
}
```

### API

```
// // Penyewa
Route::post('/simpan_penyewa','PenyewaController@store')-
>middleware('jwt.verify');
Route::put('/ubah_penyewa/{id}','PenyewaController@update')-
>middleware('jwt.verify');
Route::get('/tampil_penyewa','PenyewaController@tampil_penyewa')-
>middleware('jwt.verify');
Route::delete('/hapus_penyewa/{id}','PenyewaController@destroy')-
>middleware('jwt.verify');
```

### **B. JENIS MOBIL**

### **CONTROLLER**

```
if($validator->fails()){
    return Response()->json($validator->errors());
  }
  $simpan=JenisMobil::create([
    'jenis mobil'=>$request->jenis mobil,
    'harga_sewa'=>$request->harga_sewa
  1);
  $status=1;
 $message="Jenis Mobil Berhasil Ditambahkan";
  if($simpan){
    return Response()->json(compact('status','message'));
    return Response()->json(['status'=>0]);
} else{
  return response()->json(['status'=>'anda bukan admin']);
public function update($id, Request $request){
  if(Auth::user()->level=="admin"){
  $validator=Validator::make($request->all(),
      'jenis mobil'=>'required',
      'harga sewa'=>'required'
);
 if($validator->fails()){
 return Response()->json($validator->errors());
 $ubah=JenisMobil::where('id',$id)->update([
    'jenis mobil'=>$request->jenis mobil,
    'harga_sewa'=>$request->harga_sewa
  ]);
  $status=1;
 $message="Jenis Mobil Berhasil Diubah";
  if($ubah){
    return Response()->json(compact('status','message'));
  }else {
    return Response()->json(['status'=>0]);
```

```
} else{
  return response()->json(['status'=>'anda bukan admin']);
public function tampil_jenis(){
  if(Auth::user()->level=="admin"){
  $data_jenis=JenisMobil::get();
  $count=$data_jenis->count();
  $arr_data=array();
  foreach ($data_jenis as $dt_jn){
    $arr_data[]=array(
      'id' => $dt_jn->id,
      'jenis_mobil' => $dt_jn->jenis_mobil,
      'harga_sewa' => $dt_jn->harga_sewa
    );
  $status=1;
  return Response()->json(compact('status','count','arr_data'));
  return response()->json(['status'=>'anda bukan admin']);
public function destroy($id){
  if(Auth::user()->level=="admin"){
  $hapus=JenisMobil::where('id',$id)->delete();
  $status=1;
  $message="Jenis Mobil Berhasil Dihapus";
  if($hapus){
    return Response()->json(compact('status', 'message'));
  }else {
    return Response()->json(['status'=>0]);
} else{
  return response()->json(['status'=>'anda bukan admin']);
```

```
class JenisMobil extends Model
{
  protected $table="jenis_mobil";
  protected $primaryKey="id";
  protected $fillable = [
    'jenis_mobil',
    'harga_sewa'
  ];
}
```

### API

```
// // Jenis mobil
Route::post('/simpan_jenis','JenisController@store')-
>middleware('jwt.verify');
Route::put('/ubah_jenis/{id}','JenisController@update')-
>middleware('jwt.verify');
Route::get('/tampil_jenis','JenisController@tampil_jenis')-
>middleware('jwt.verify');
Route::delete('/hapus_jenis/{id}','JenisController@destroy')-
>middleware('jwt.verify');
```

# C. DATA MOBIL CONTROLLER

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\DataMobil;
use DB;
use JWTAuth;
use Auth;
use Illuminate\Support\Facades\Validator;
use Illuminate\Support\Facades\Validator;
use Tymon\JWTAuth\Exceptions\JWTException;

class DatamobilController extends Controller
{
    public function store(Request $request){
        if(Auth::user()->level=="admin"){
```

```
$validator=Validator::make($request->all(),
      'id jenis'=>'required',
      'nama mobil'=>'required',
      'merk'=>'required',
      'plat nomor'=>'required',
      'keterangan'=>'required'
  );
  if($validator->fails()){
    return Response()->json($validator->errors());
  $simpan=DataMobil::create([
    'id_jenis'=>$request->id_jenis,
    'nama mobil'=>$request->nama mobil,
    'merk'=>$request->merk,
    'plat nomor'=>$request->plat nomor,
    'keterangan'=>$request->keterangan
  ]);
  $status=1;
  $message="Data Mobil Berhasil Ditambahkan";
  if($simpan){
    return Response()->json(compact('status', 'message'));
  }else {
    return Response()->json(['status'=>0]);
} else{
  return response()->json(['status'=>'anda bukan admin']);
public function update($id,Request $request){
  if(Auth::user()->level=="admin"){
  $validator=Validator::make($request->all(),
      'id_jenis'=>'required',
      'nama mobil'=>'required',
      'merk'=>'required',
      'plat nomor'=>'required',
      'keterangan'=>'required'
);
```

```
if($validator->fails()){
     return Response()->json($validator->errors());
     $ubah=DataMobil::where('id',$id)->update([
        'id_jenis'=>$request->id_jenis,
       'nama mobil'=>$request->nama_mobil,
       'merk'=>$request->merk,
        'plat nomor'=>$request->plat nomor,
       'keterangan'=>$request->keterangan
     ]);
     $status=1;
     $message="Data Mobil Berhasil Diubah";
     if($ubah){
       return Response()->json(compact('status', 'message'));
     }else {
       return Response()->json(['status'=>0]);
   } else{
     return response()->json(['status'=>'anda bukan admin']);
   public function tampil mobil(){
     if(Auth::user()->level=="admin"){
       $data=DB::table('data mobil')
>join('jenis_mobil','jenis_mobil.id','=','data_mobil.id_jenis')
       ->get();
       $count=$data->count();
       $status=1;
       $message="Data Mobil Berhasil ditampilkan";
       return response()-
>json(compact('data','status','message','count'));
   } else{
     return response()->json(['status'=>'anda bukan admin']);
   public function destroy($id){
     if(Auth::user()->level=="admin"){
     $hapus=DataMobil::where('id',$id)->delete();
     $status=1;
     $message="Data Mobil Berhasil Dihapus";
     if($hapus){
```

```
return Response()->json(compact('status','message'));
}else {
    return Response()->json(['status'=>0]);
}
else{
    return response()->json(['status'=>'anda bukan admin']);
}
}
```

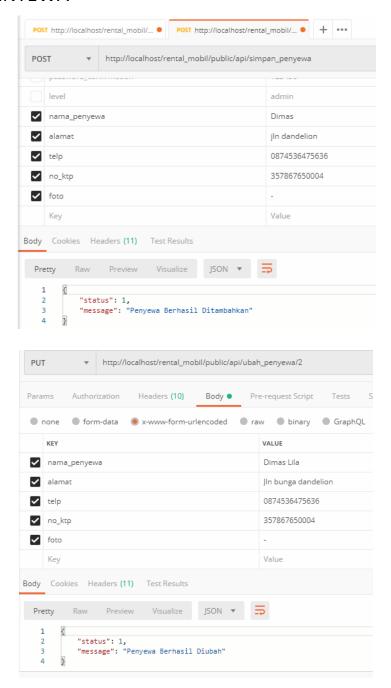
```
class DataMobil extends Model
{
  protected $table="data_mobil";
  protected $primaryKey="id";
  protected $fillable = [
    'id_jenis',
    'nama_mobil',
    'merk',
    'plat_nomor',
    'keterangan'
  ];
}
```

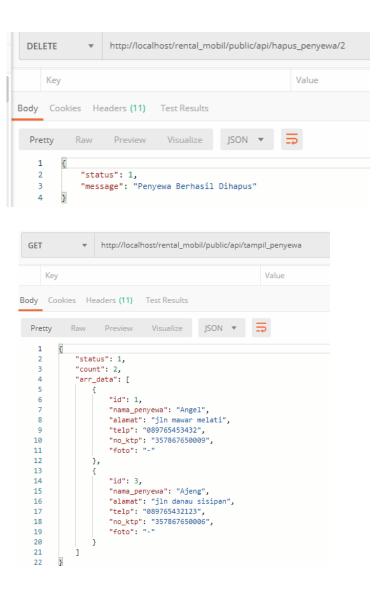
### API

```
// // Data Mobil
  Route::post('/simpan_data','DatamobilController@store')-
>middleware('jwt.verify');
  Route::put('/ubah_data/{id}','DatamobilController@update')-
>middleware('jwt.verify');
  Route::get('/tampil_data','DatamobilController@tampil_mobil')-
>middleware('jwt.verify');
  Route::delete('/hapus_data/{id}','DatamobilController@destroy')-
>middleware('jwt.verify');
```

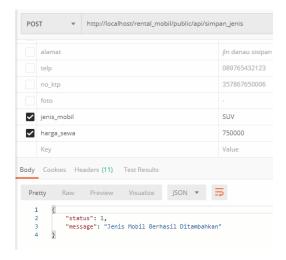
# D. HASILSS

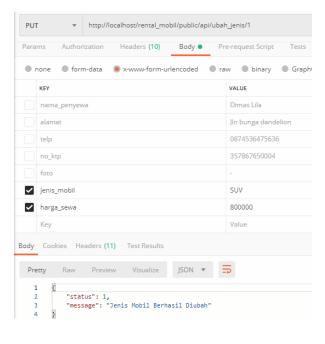
# a. PENYEWA

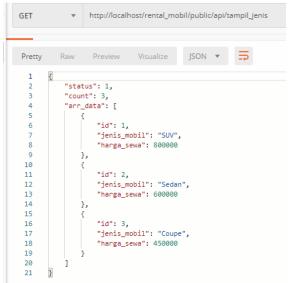


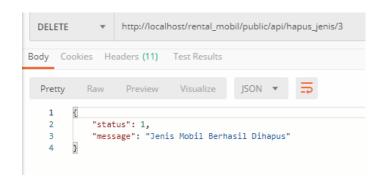


# b. JENIS MOBIL

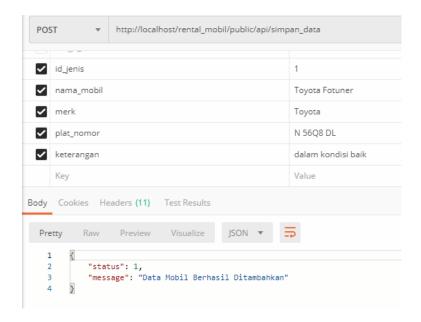


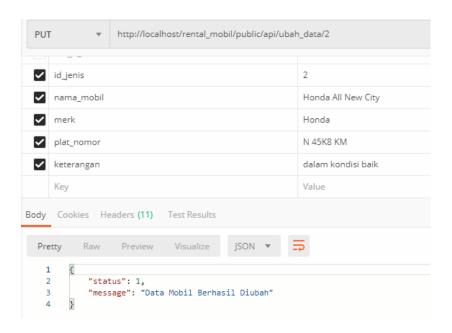


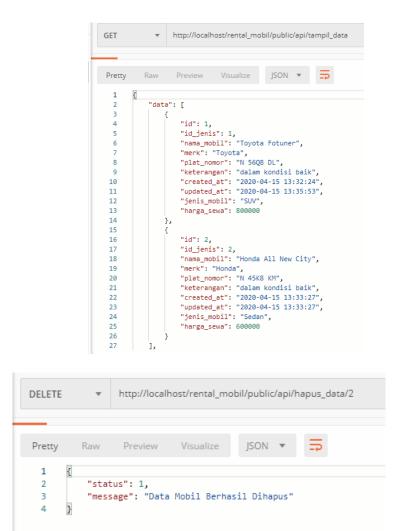




# c. DATA MOBIL







 CODE LOGIN PETUGAS (untuk transaksi dan detail transaksi menjadi satu controller di TRANSAKSICONTROLLER)

### A. TRANSAKSI

### **CONTROLLER**

```
public function store(Request $request){
   if(Auth::user()->level=="petugas"){
    $validator=Validator::make($request->all(),
    [
        'id_penyewa'=>'required',
```

```
'id_petugas'=>'required',
      'tgl trans'=>'required',
      'tgl_sewa'=>'required',
      'tgl kembali'=>'required',
      'deadline'=>'required'
  );
 if($validator->fails()){
   return Response()->json($validator->errors());
 $simpan=Transaksi::create([
    'id penyewa'=>$request->id penyewa,
    'id_petugas'=>$request->id_petugas,
    'tgl_trans'=>$request->tgl_trans,
    'tgl sewa'=>$request->tgl sewa,
    'tgl kembali'=>$request->tgl kembali,
    'deadline'=>$request->deadline
  ]);
 $status=1;
 $message="Transaksi Berhasil Ditambahkan";
 if($simpan){
   return Response()->json(compact('status','message'));
 }else {
    return Response()->json(['status'=>0]);
} else{
 return response()->json(['status'=>'anda bukan petugas']);
```

### MODFL

```
class Transaksi extends Model
{
  protected $table="transaksi";
  protected $primaryKey="id";
  protected $fillable = [
    'id_penyewa',
    'id_petugas',
    'tgl_trans',
    'tgl_sewa',
    'tgl kembali',
```

```
'deadline'
];
}
```

API

```
// // transaksi
Route::post('/simpan_trans','TransaksiController@store')-
>middleware('jwt.verify');
```

B. DETAIL TRANSAKSI (bagian subtotal dilakukan secara otomatis berdasarkan harga sewa dikali dengan qty)

### **CONTROLLER**

```
detail transaksi
 public function simpan(Request $request){
   if(Auth::user()->level=="petugas"){
   $validator=Validator::make($request->all(),
       'id trans'=>'required',
       'id mobil'=>'required',
       'qty'=>'required'
   );
   if($validator->fails()){
     return Response()->json($validator->errors());
   $harga=DB::table('jenis_mobil')->first();
   $subtotal = $harga->harga_sewa * $request->qty;
   $simpan=Detail trans::create([
     'id_trans'=>$request->id_trans,
     'id mobil'=>$request->id mobil,
     'subtotal'=>$subtotal,
     'qty'=>$request->qty
   1);
   $status=1;
   $message="Detail Transaksi Berhasil Ditambahkan";
   if($simpan){
     return Response()->json(compact('status', 'message'));
   }else {
     return Response()->json(['status'=>0]);
```

```
}
} else{
   return response()->json(['status'=>'anda bukan petugas']);
}
}
```

```
class Detail_trans extends Model
{
  protected $table="detail_trans";
  protected $primaryKey="id";
  protected $fillable = [
    'id_trans',
    'id_mobil',
    'qty',
    'subtotal'
  ];
}
```

### API

```
// // // detail_transaksi
Route::post('/simpan_detail','TransaksiController@simpan')-
>middleware('jwt.verify');
```

C. REPORT (GET)->(grantotal didapat dari jumlah sum dari subtotal)

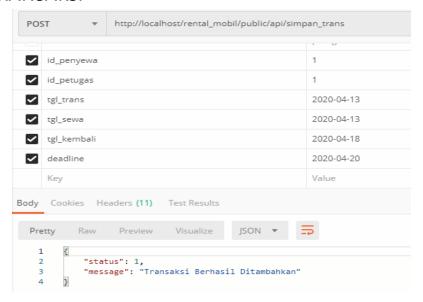
```
public function report($tgl_awal, $tgl_akhir){
    if(Auth::user()->level=="petugas"){
        $transaksi=DB::table('transaksi')
        ->join('penyewa', 'penyewa.id', '=', 'transaksi.id_penyewa')
        ->where('transaksi.tgl_trans', '>=', $tgl_awal)
        ->where('transaksi.tgl_trans', '<=', $tgl_akhir)
        -
>select('transaksi.id','tgl_trans', 'nama_penyewa', 'penyewa.alamat', '
penyewa.telp', 'tgl_sewa','tgl_kembali')
        ->get();

    $datatrans=array(); $no=0;
    foreach ($transaksi as $tr) {
        $datatrans[$no]['id transaksi'] = $tr->id;
```

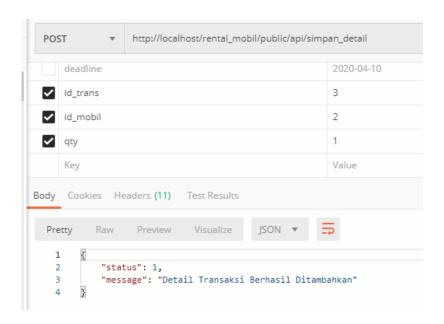
```
$datatrans[$no]['tgl_trans'] = $tr->tgl_trans;
         $datatrans[$no]['nama penyewa'] = $tr->nama_penyewa;
         $datatrans[$no]['alamat'] = $tr->alamat;
         $datatrans[$no]['telepon'] = $tr->telp;
         $datatrans[$no]['tgl_sewa'] = $tr->tgl_sewa;
         $datatrans[$no]['tgl_kembali'] = $tr->tgl_kembali;
         $grand=DB::table('detail_trans')->groupBy('id_trans')
         ->select(DB::raw('sum(subtotal) as grand_total'))->first();
         $datatrans[$no]['grand_total'] = $grand->grand_total;
         $detail=DB::table('detail trans')
>join('data_mobil','data_mobil.id', '=', 'detail_trans.id_mobil')
>join('jenis_mobil','jenis_mobil.id', '=', 'data_mobil.id_jenis')
         ->where('id trans', $tr->id)
>select('jenis_mobil.jenis_mobil','data_mobil.nama_mobil', 'jenis_mobil
.harga_sewa', 'detail_trans.qty', 'detail_trans.subtotal')
         ->get();
         $datatrans[$no]['detail'] = $detail;
         $no++;
       return response()->json(compact("datatrans"));
      } else{
       return response()->json(['status'=>'anda bukan petugas']);
```

# D. HASIL SS (beserta GET)

# a. TRANSAKSI



# b. DETAIL TRANSAKSI



# c. GET TRANSAKSI DAN DETAIL TRANSAKSI

```
GET
                  http://localhost/rental_mobil/public/api/report/2020-04-01/2020-04-30
                                           JSON ▼
Pretty
          Raw
                  Preview
                              Visualize
           "datatrans": [
  2
  3
  4
                   "id transaksi": 1,
  5
                   "tgl_trans": "2020-04-13",
  6
                    "nama penyewa": "Angel",
  7
                   "alamat": "jln mawar melati",
                   "telepon": "089765453432",
  8
  9
                    "tgl_sewa": "2020-04-13",
 10
                    "tgl_kembali": "2020-04-18",
                   "grand_total": "800000",
 11
                    "detail": [
 12
 13
 14
                            "jenis_mobil": "SUV",
 15
                            "nama_mobil": "Toyota Fotuner",
                            "harga_sewa": 800000,
 16
 17
                            "qty": 1,
                            "subtotal": 800000
 18
 19
 20
 21
               },
 22
               {
                   "id transaksi": 2,
 23
 24
                    "tgl_trans": "2020-04-01",
 25
                   "nama penyewa": "Ajeng",
                   "alamat": "jln danau sisipan",
 26
                    "telepon": "089765432123",
 27
 28
                    "tgl_sewa": "2020-04-05",
```

```
- HASIL LENGKAP DARI GIT
    "datatrans":[
         "id transaksi": 1,
         "tgl_trans": "2020-04-13",
         "nama penyewa": "Angel",
         "alamat": "jln mawar melati",
         "telepon": "089765453432",
         "tgl_sewa": "2020-04-13",
         "tgl_kembali": "2020-04-18",
         "grand_total": "800000",
         "detail":[
           {
             "jenis mobil": "SUV",
             "nama_mobil": "Toyota Fotuner",
             "harga_sewa": 800000,
             "qty": 1,
             "subtotal": 800000
           }
      },
         "id transaksi": 2,
         "tgl_trans": "2020-04-01",
         "nama penyewa": "Ajeng",
         "alamat": "jln danau sisipan",
         "telepon": "089765432123",
         "tgl_sewa": "2020-04-05",
         "tgl_kembali": "2020-04-08",
```

```
"grand total": "800000",
  "detail":[
    {
      "jenis_mobil": "SUV",
      "nama_mobil": "Suzuki Grand Vitara",
      "harga_sewa": 800000,
      "qty": 1,
      "subtotal": 800000
    }
  1
},
  "id transaksi": 3,
  "tgl_trans": "2020-04-05",
  "nama penyewa": "Jaelani",
  "alamat": "jln selat bali",
  "telepon": "089768987656",
  "tgl_sewa": "2020-04-06",
  "tgl_kembali": "2020-04-08",
  "grand_total": "800000",
  "detail":[
    {
      "jenis_mobil": "SUV",
      "nama_mobil": "Suzuki Grand Vitara",
      "harga sewa": 800000,
      "aty": 1,
      "subtotal": 800000
    }
}
```

}