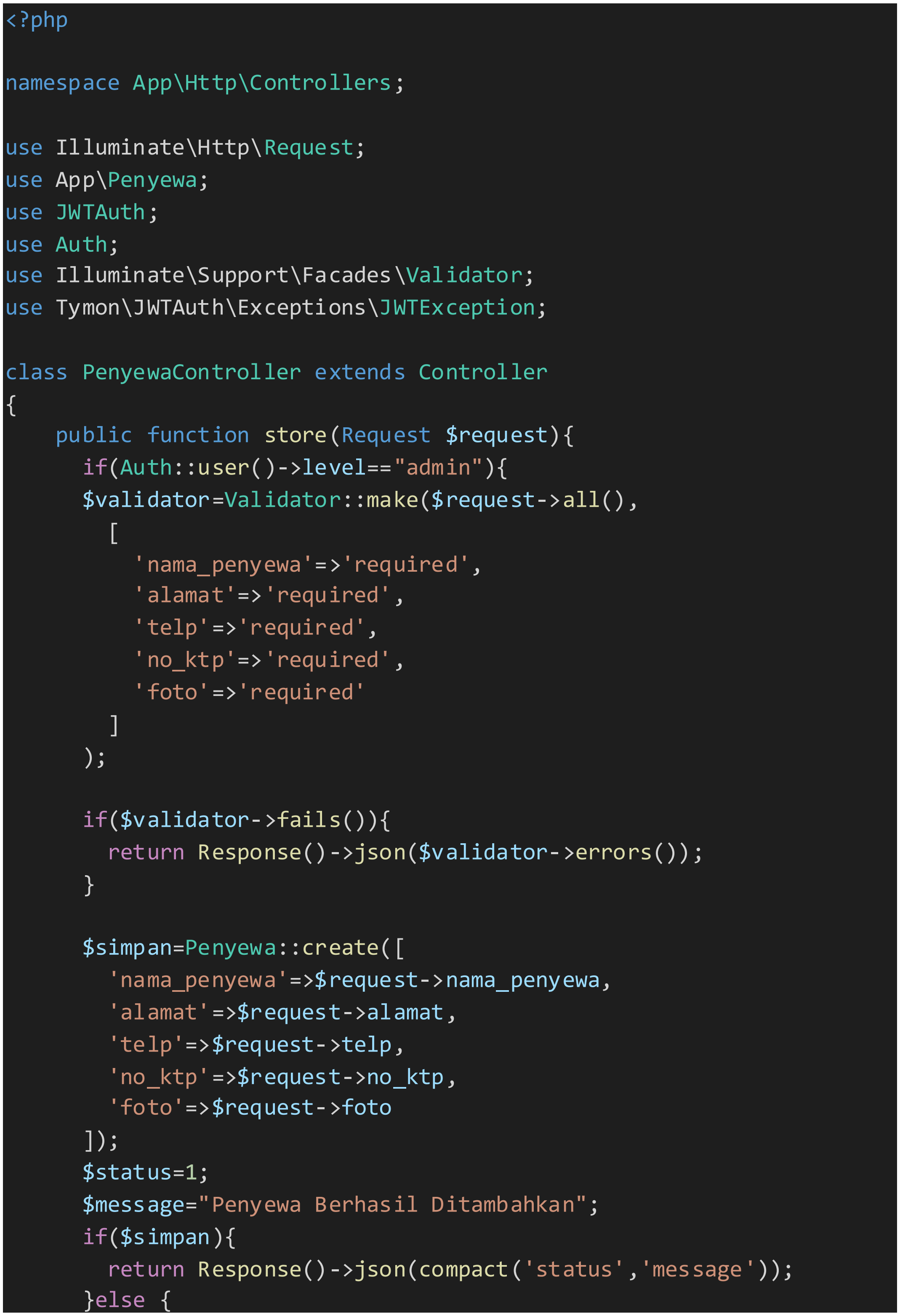
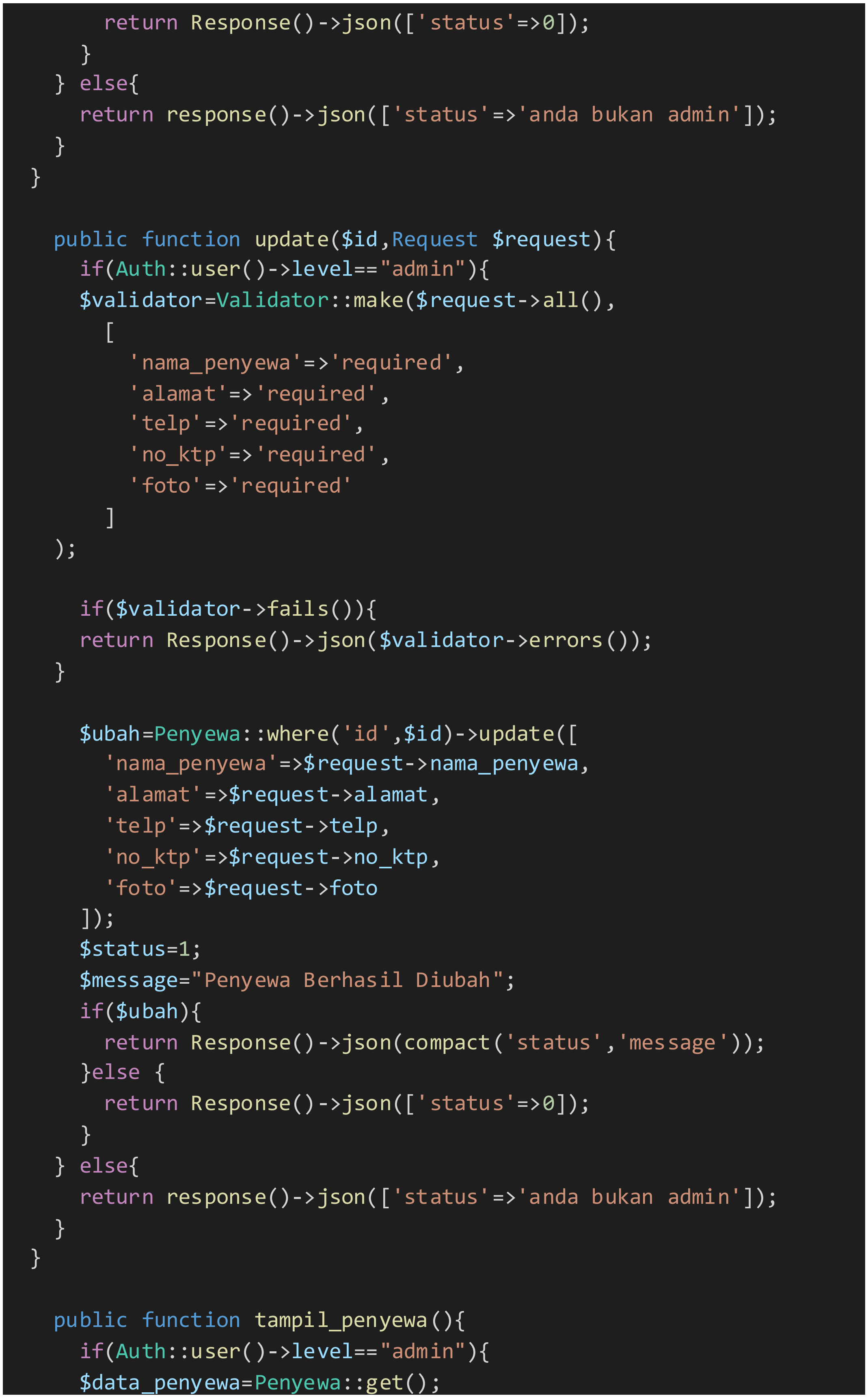
- CODE LOGIN ADMIN

A. PENYEWA

a. CONTROLLER



```php
<?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']);
    }
  }
}
```

MODEL

```
class Penyewa extends Model
{
  protected $table="penyewa";
  protected $primaryKey="id";
  protected $fillable = [
    'nama_penyewa',
    'alamat',
    'telp',
    'no_ktp',
    'foto'
  ];
}
```

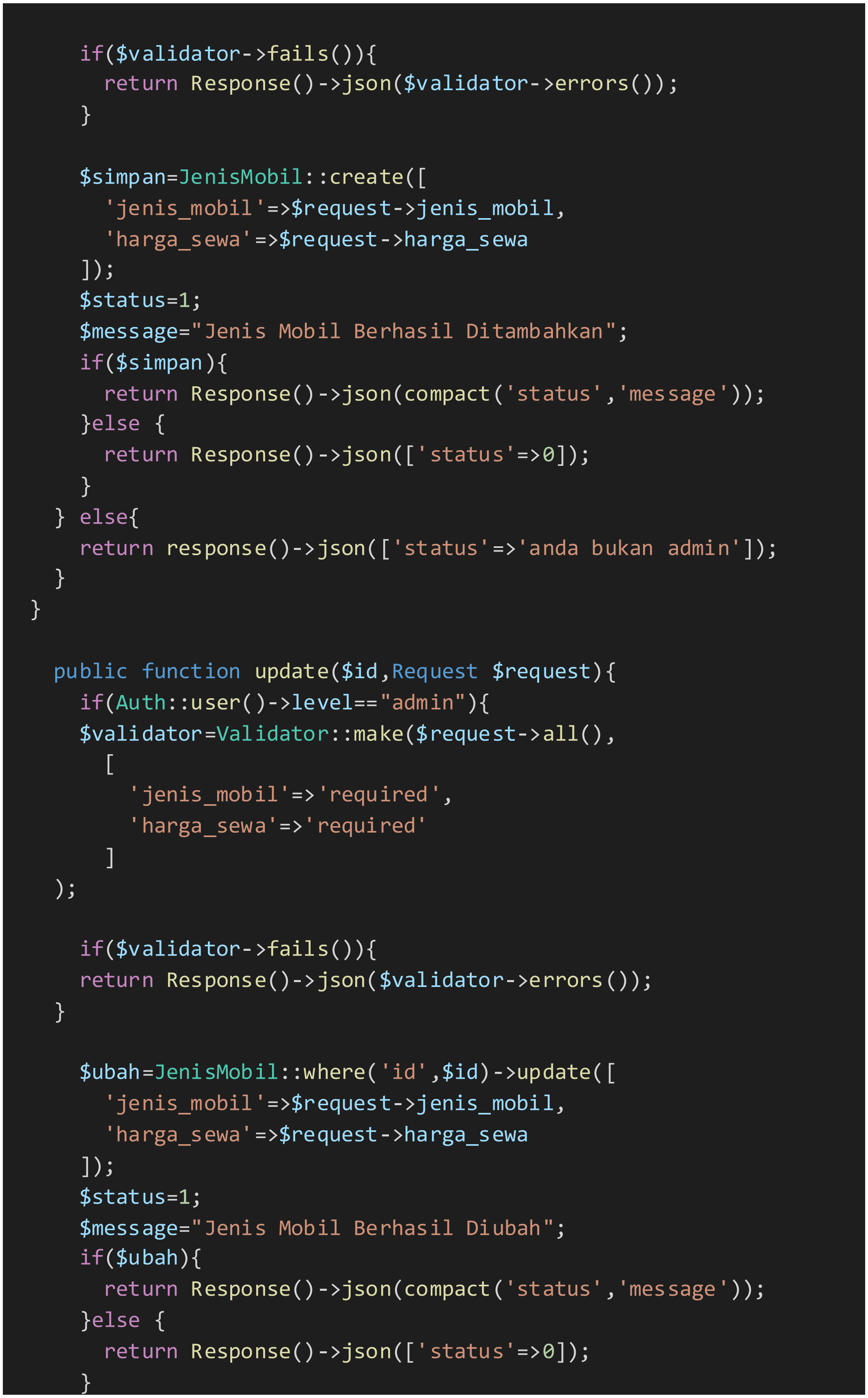
API

```
// // 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');
```

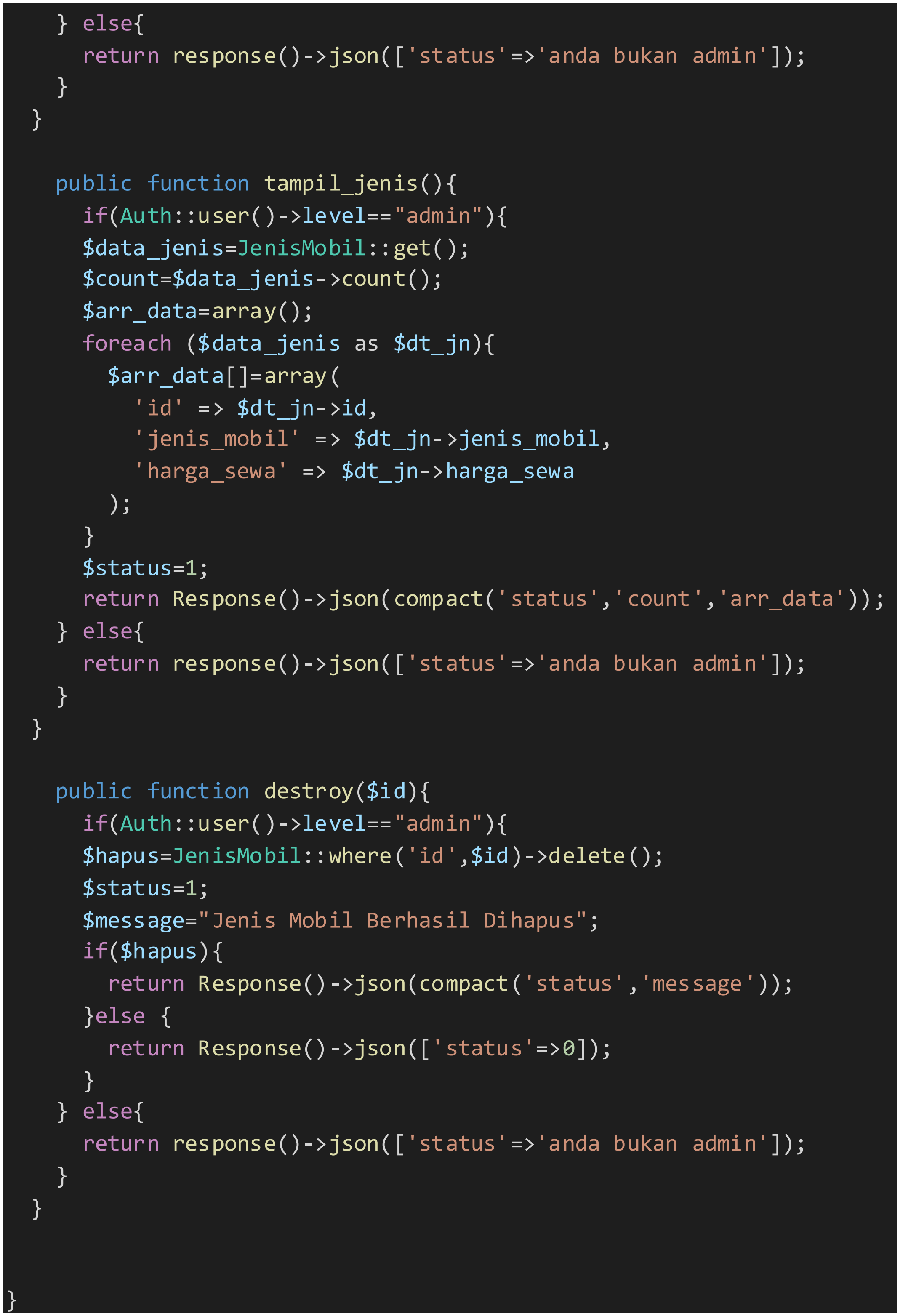
B. JENIS MOBIL

CONTROLLER

```
<?php

namespace App\Http\Controllers;

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

class JenisController extends Controller
{
    public function store(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());
    }

    $simpan=JenisMobil::create([
      'jenis_mobil'=>$request->jenis_mobil,
      'harga_sewa'=>$request->harga_sewa
    ]);
    $status=1;
    $message="Jenis Mobil Berhasil Ditambahkan";
    if($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(),
      [
        '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'));
    } else{
      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']);
    }
  }


}
```

MODEL

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

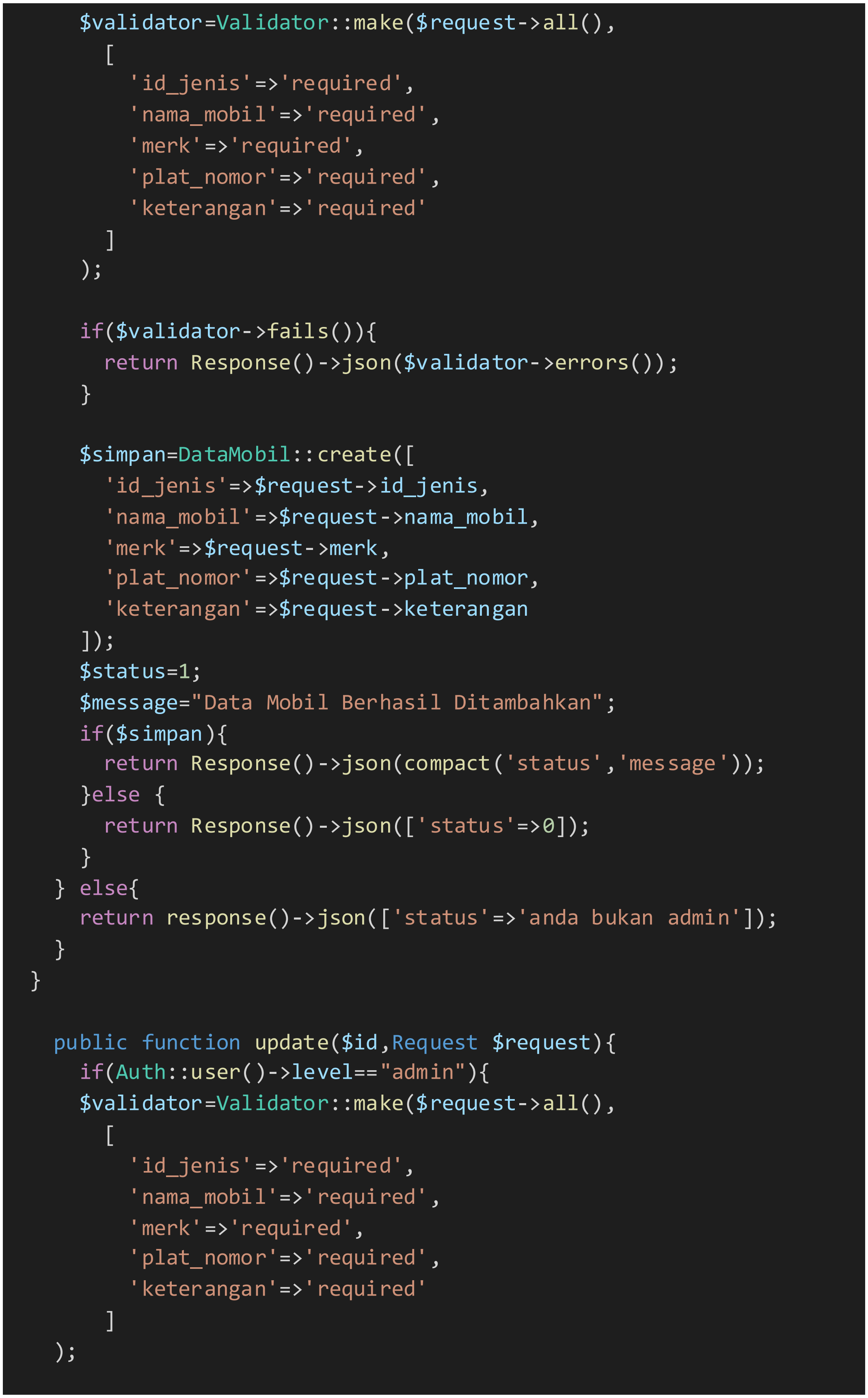
API

```
// // 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 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']);
    }
  }
}
```

MODEL

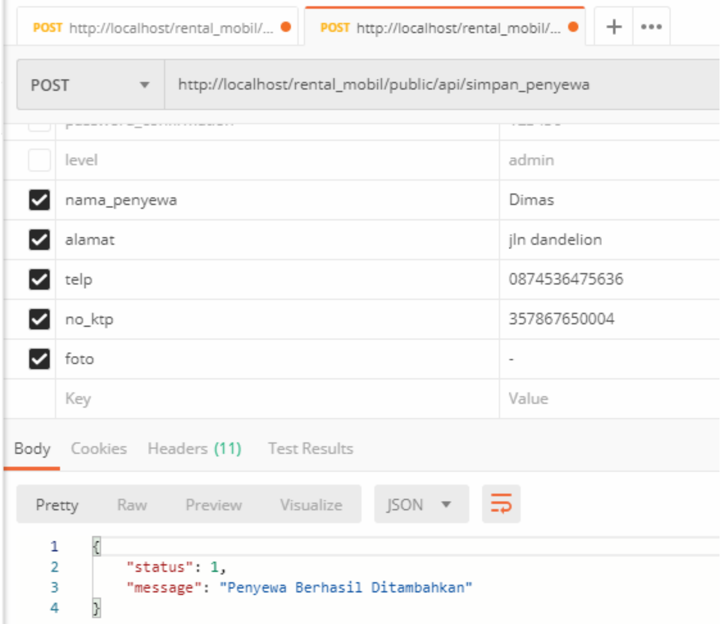
```
class DataMobil extends Model
{
  protected $table="data_mobil";
  protected $primaryKey="id";
  protected $fillable = [
    'id_jenis',
    'nama_mobil',
    'merk',
    'plat_nomor',
    'keterangan'
  ];
}
```

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. HASIL SS

a. PENYEWA

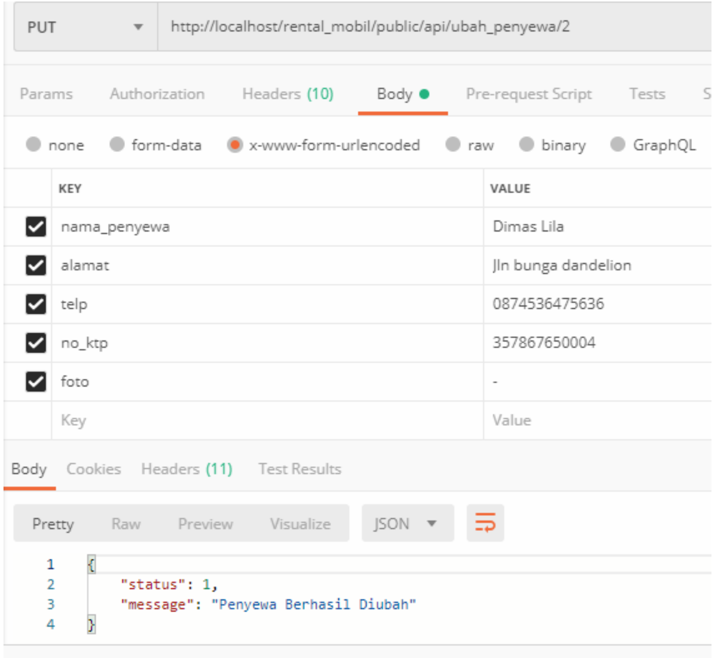

POST http://localhost/rental_mobil/...
POST http://localhost/rental_mobil/...
+
•••

POST http://localhost/rental_mobil/public/api/simpan_penyewa

□	level	admin
☑	nama_penyewa	Dimas
☑	alamat	jln dandelion
☑	telp	0874536475636
☑	no_ktp	357867650004
☑	foto	-
	Key	Value

Body
Cookies
Headers (11)
Test Results
Pretty
Raw
Preview
Visualize
JSON

```
{
    "status": 1,
    "message": "Penyewa Berhasil Ditambahkan"
}
```

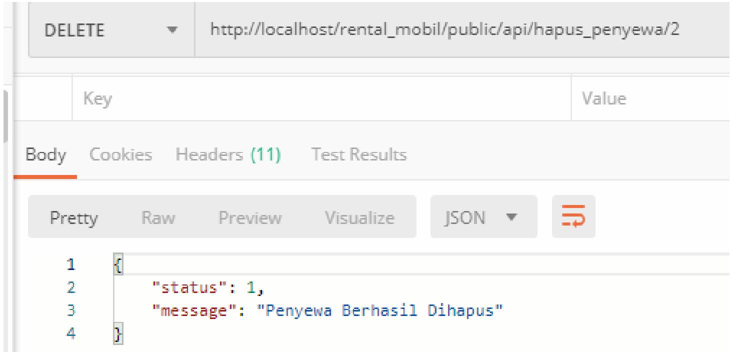


PUT http://localhost/rental_mobil/public/api/ubah_penyewa/2

○ none ○ form-data ● x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

	KEY	VALUE
☑	nama_penyewa	Dimas Lila
☑	alamat	Jln bunga dandelion
☑	telp	0874536475636
☑	no_ktp	357867650004
☑	foto	-
	Key	Value

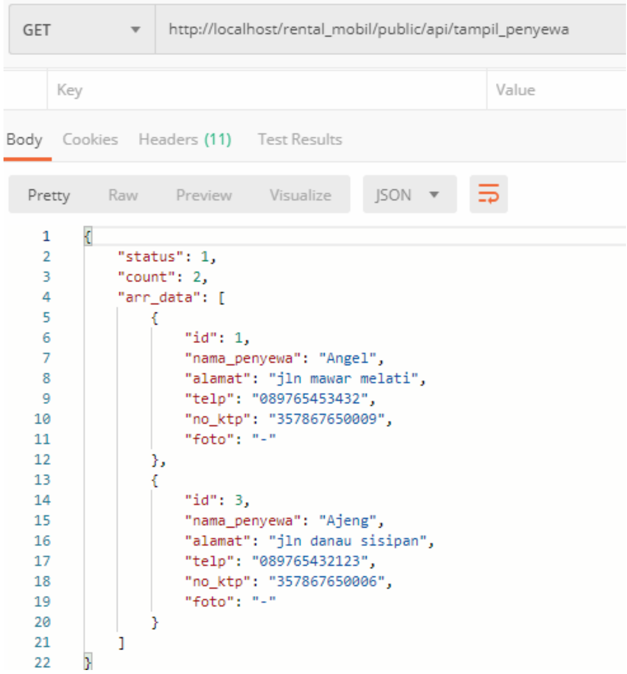
```
{
    "status": 1,
    "message": "Penyewa Berhasil Diubah"
}
```



DELETE http://localhost/rental_mobil/public/api/hapus_penyewa/2

Key	Value

```
{
    "status": 1,
    "message": "Penyewa Berhasil Dihapus"
}
```

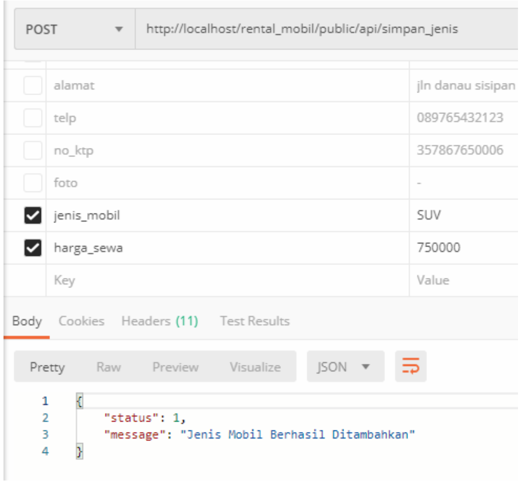


GET http://localhost/rental_mobil/public/api/tampil_penyewa

Key	Value

```
{
    "status": 1,
    "count": 2,
    "arr_data": [
        {
            "id": 1,
            "nama_penyewa": "Angel",
            "alamat": "jln mawar melati",
            "telp": "089765453432",
            "no_ktp": "357867650009",
            "foto": "-"
        },
        {
            "id": 3,
            "nama_penyewa": "Ajeng",
            "alamat": "jln danau sisipan",
            "telp": "089765432123",
            "no_ktp": "357867650006",
            "foto": "-"
        }
    ]
}
```

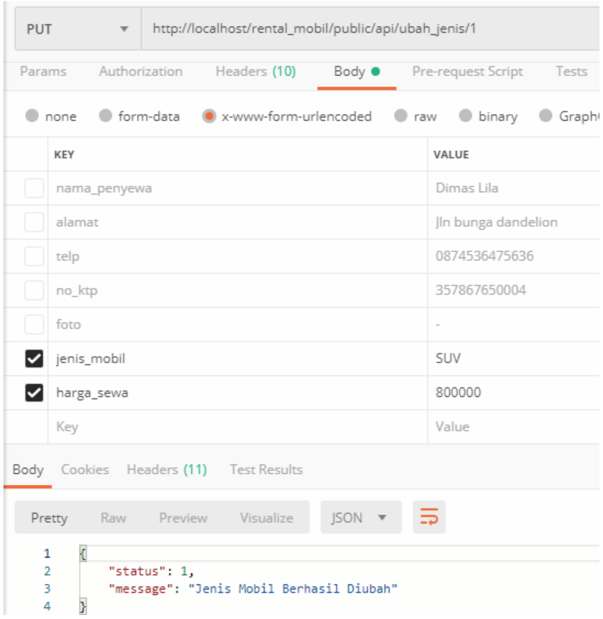
b. JENIS MOBIL



POST http://localhost/rental_mobil/public/api/simpan_jenis

□	alamat	jln danau sisipan
□	telp	089765432123
□	no_ktp	357867650006
□	foto	-
☑	jenis_mobil	SUV
☑	harga_sewa	750000
	Key	Value

```
{
    "status": 1,
    "message": "Jenis Mobil Berhasil Ditambahkan"
}
```

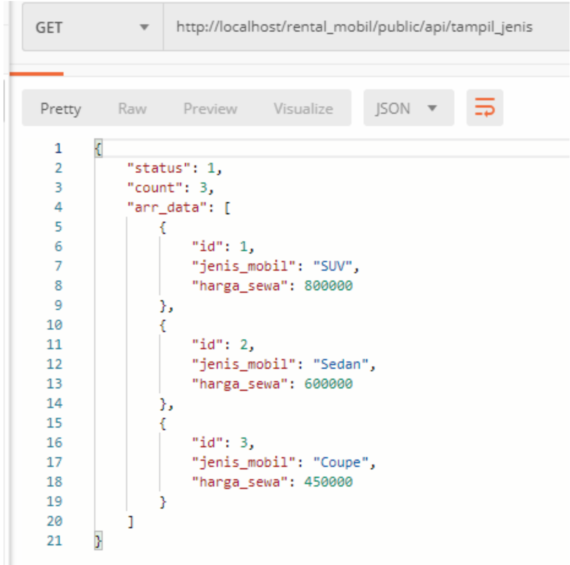


PUT http://localhost/rental_mobil/public/api/ubah_jenis/1

○ none ○ form-data ● x-www-form-urlencoded ○ raw ○ binary ○ Graph

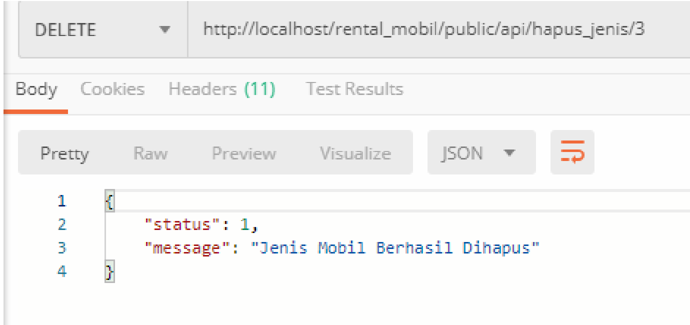
	KEY	VALUE
□	nama_penyewa	Dimas Lila
□	alamat	Jln bunga dandelion
□	telp	0874536475636
□	no_ktp	357867650004
□	foto	-
☑	jenis_mobil	SUV
☑	harga_sewa	800000
	Key	Value

```
{
    "status": 1,
    "message": "Jenis Mobil Berhasil Diubah"
}
```



GET http://localhost/rental_mobil/public/api/tampil_jenis

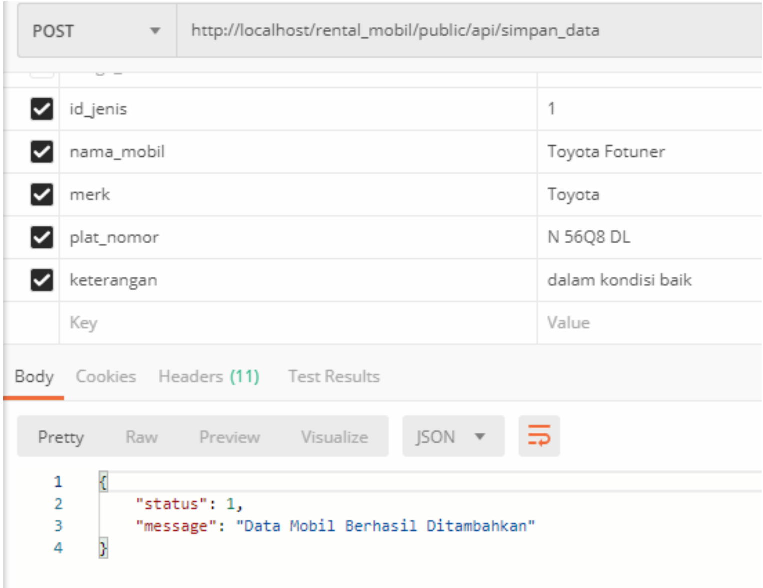
```
{
    "status": 1,
    "count": 3,
    "arr_data": [
        {
            "id": 1,
            "jenis_mobil": "SUV",
            "harga_sewa": 800000
        },
        {
            "id": 2,
            "jenis_mobil": "Sedan",
            "harga_sewa": 600000
        },
        {
            "id": 3,
            "jenis_mobil": "Coupe",
            "harga_sewa": 450000
        }
    ]
}
```



DELETE http://localhost/rental_mobil/public/api/hapus_jenis/3

```
{
    "status": 1,
    "message": "Jenis Mobil Berhasil Dihapus"
}
```

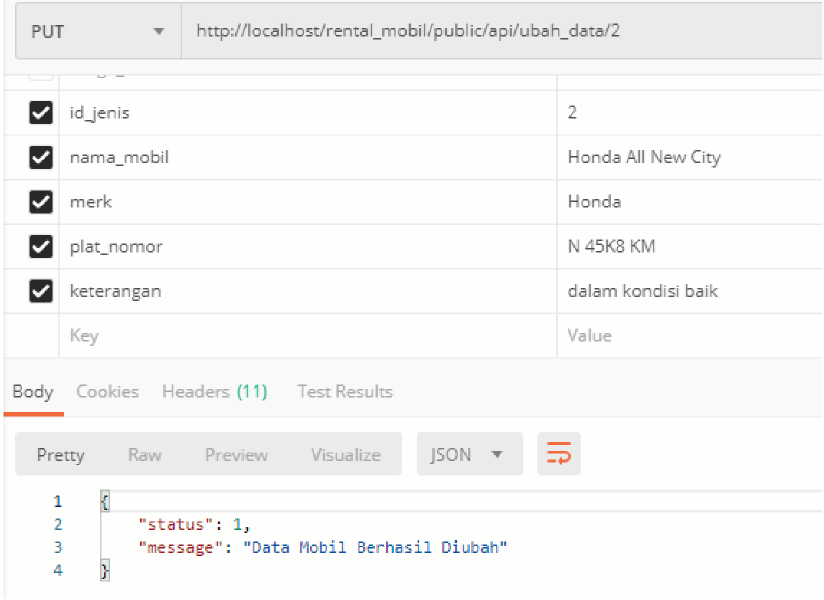
c. DATA MOBIL



POST http://localhost/rental_mobil/public/api/simpan_data

☑	id_jenis	1
☑	nama_mobil	Toyota Fotuner
☑	merk	Toyota
☑	plat_nomor	N 56Q8 DL
☑	keterangan	dalam kondisi baik
	Key	Value

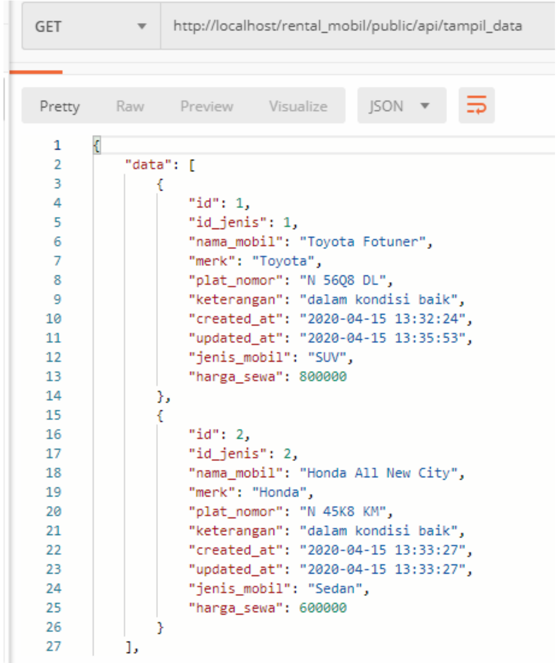
```
{
    "status": 1,
    "message": "Data Mobil Berhasil Ditambahkan"
}
```



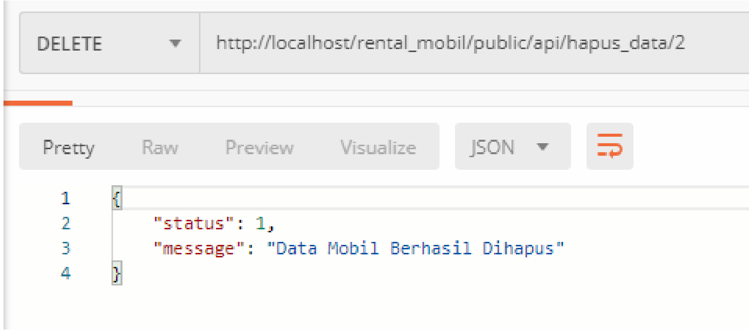
PUT http://localhost/rental_mobil/public/api/ubah_data/2

☑	id_jenis	2
☑	nama_mobil	Honda All New City
☑	merk	Honda
☑	plat_nomor	N 45K8 KM
☑	keterangan	dalam kondisi baik
	Key	Value

```
{
    "status": 1,
    "message": "Data Mobil Berhasil Diubah"
}
```



```
{
    "data": [
        {
            "id": 1,
            "id_jenis": 1,
            "nama_mobil": "Toyota Fotuner",
            "merk": "Toyota",
            "plat_nomor": "N 56Q8 DL",
            "keterangan": "dalam kondisi baik",
            "created_at": "2020-04-15 13:32:24",
            "updated_at": "2020-04-15 13:35:53",
            "jenis_mobil": "SUV",
            "harga_sewa": 800000
        },
        {
            "id": 2,
            "id_jenis": 2,
            "nama_mobil": "Honda All New City",
            "merk": "Honda",
            "plat_nomor": "N 45K8 KM",
            "keterangan": "dalam kondisi baik",
            "created_at": "2020-04-15 13:33:27",
            "updated_at": "2020-04-15 13:33:27",
            "jenis_mobil": "Sedan",
            "harga_sewa": 600000
        }
    ],
```



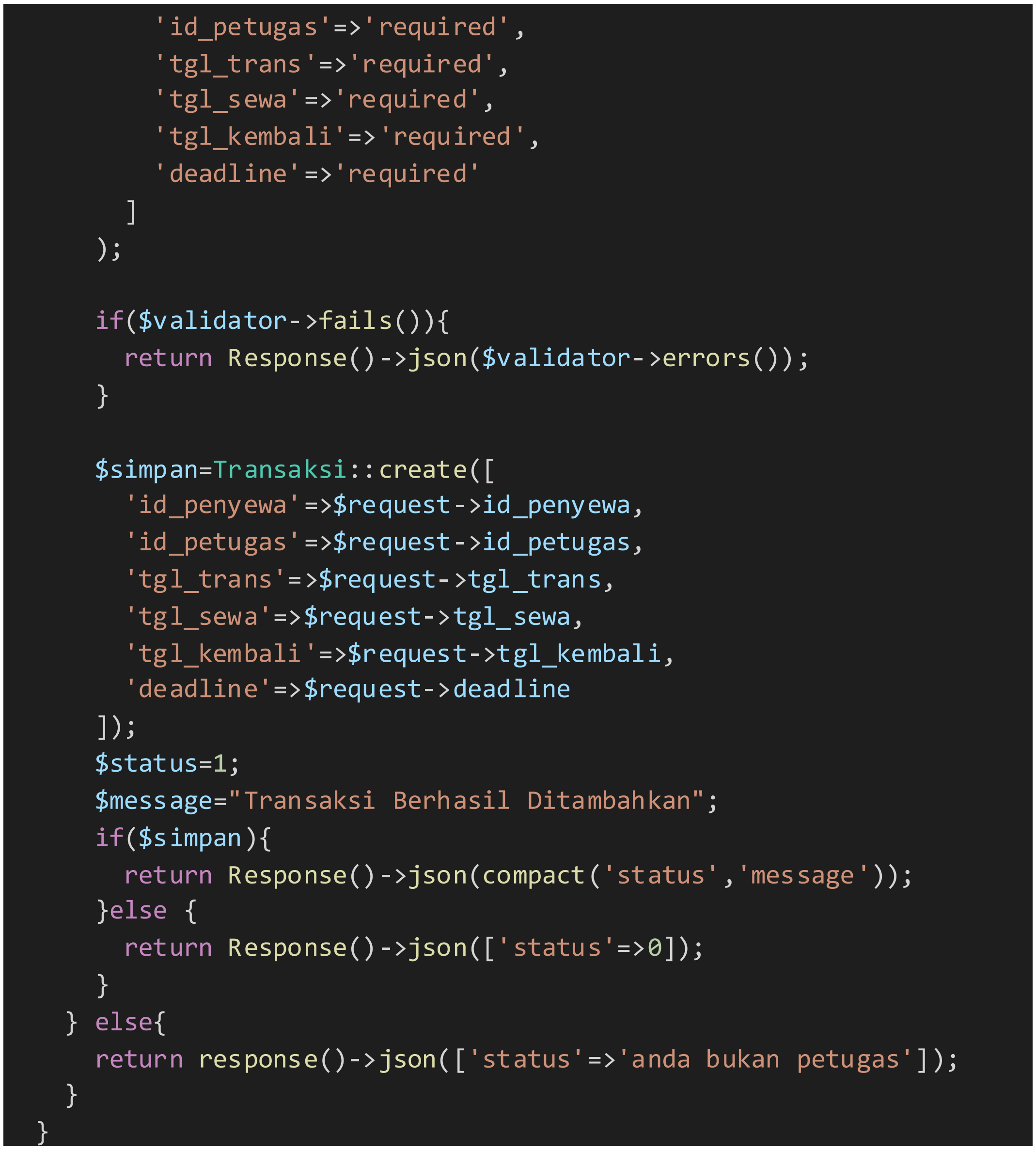
```
{
    "status": 1,
    "message": "Data Mobil Berhasil Dihapus"
}
```

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

  A. TRANSAKSI

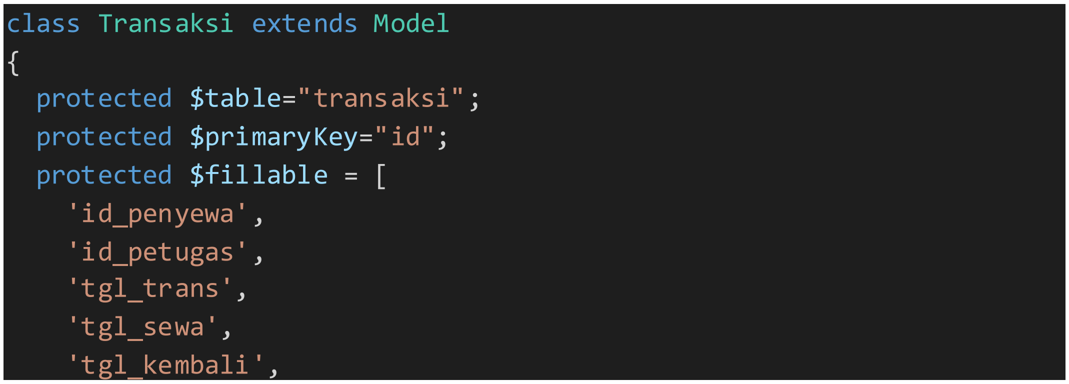
     CONTROLLER

```
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']);
    }
  }
```

MODEL



```
class Transaksi extends Model
{
  protected $table="transaksi";
  protected $primaryKey="id";
  protected $fillable = [
    'id_penyewa',
    'id_petugas',
    'tgl_trans',
    'tgl_sewa',
    'tgl_kembali',
    'deadline'
  ];
}
```

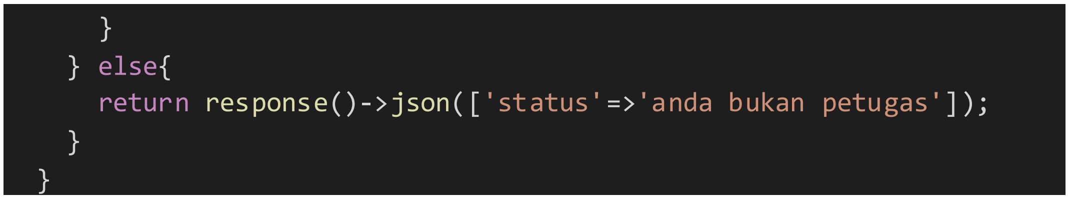
API

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

B. DETAIL TRANSAKSI

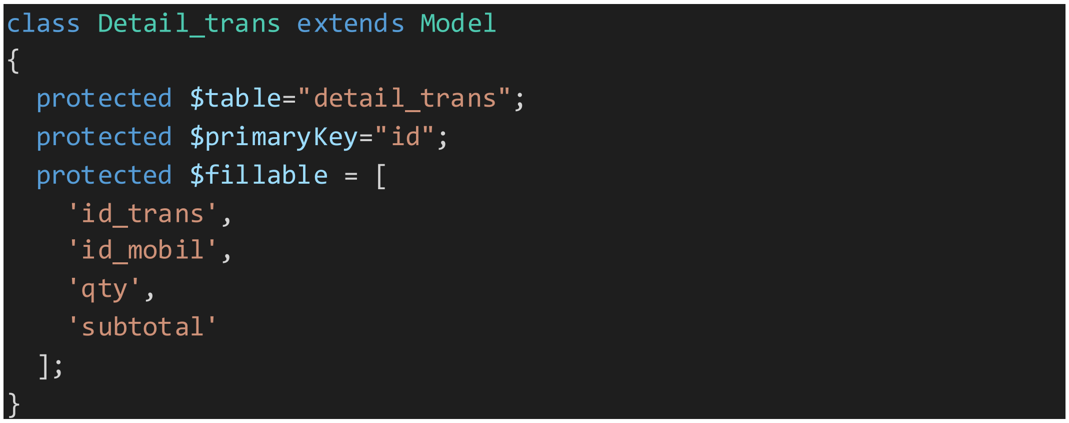
CONTROLLER

```
// 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')->where('id', $request-
>id_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
      ]);
      $status=1;
      $message="Detail Transaksi Berhasil Ditambahkan";
      if($simpan){
        return Response()->json(compact('status','message'));
      }else {
        return Response()->json(['status'=>0]);
```



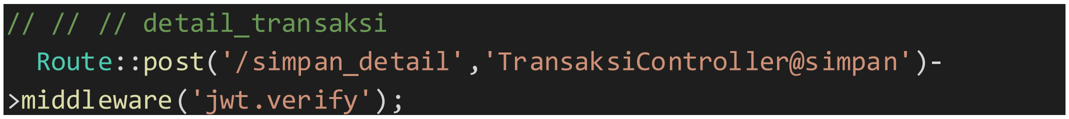
```
      }
    } else{
      return response()->json(['status'=>'anda bukan petugas']);
    }
  }
```

MODEL



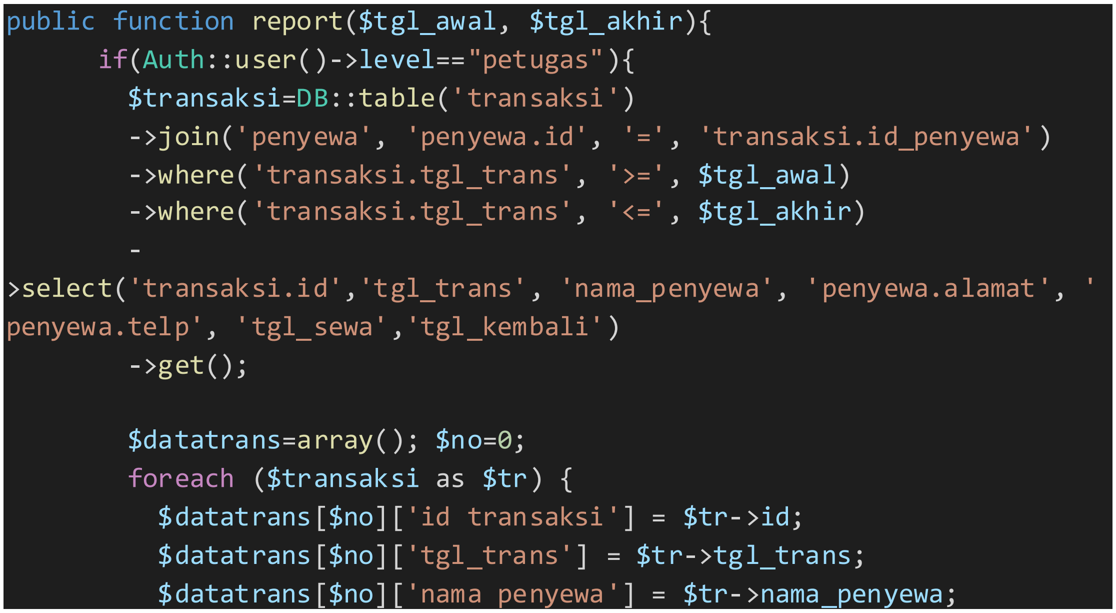
```
class Detail_trans extends Model
{
  protected $table="detail_trans";
  protected $primaryKey="id";
  protected $fillable = [
    'id_trans',
    'id_mobil',
    'qty',
    'subtotal'
  ];
}
```

API

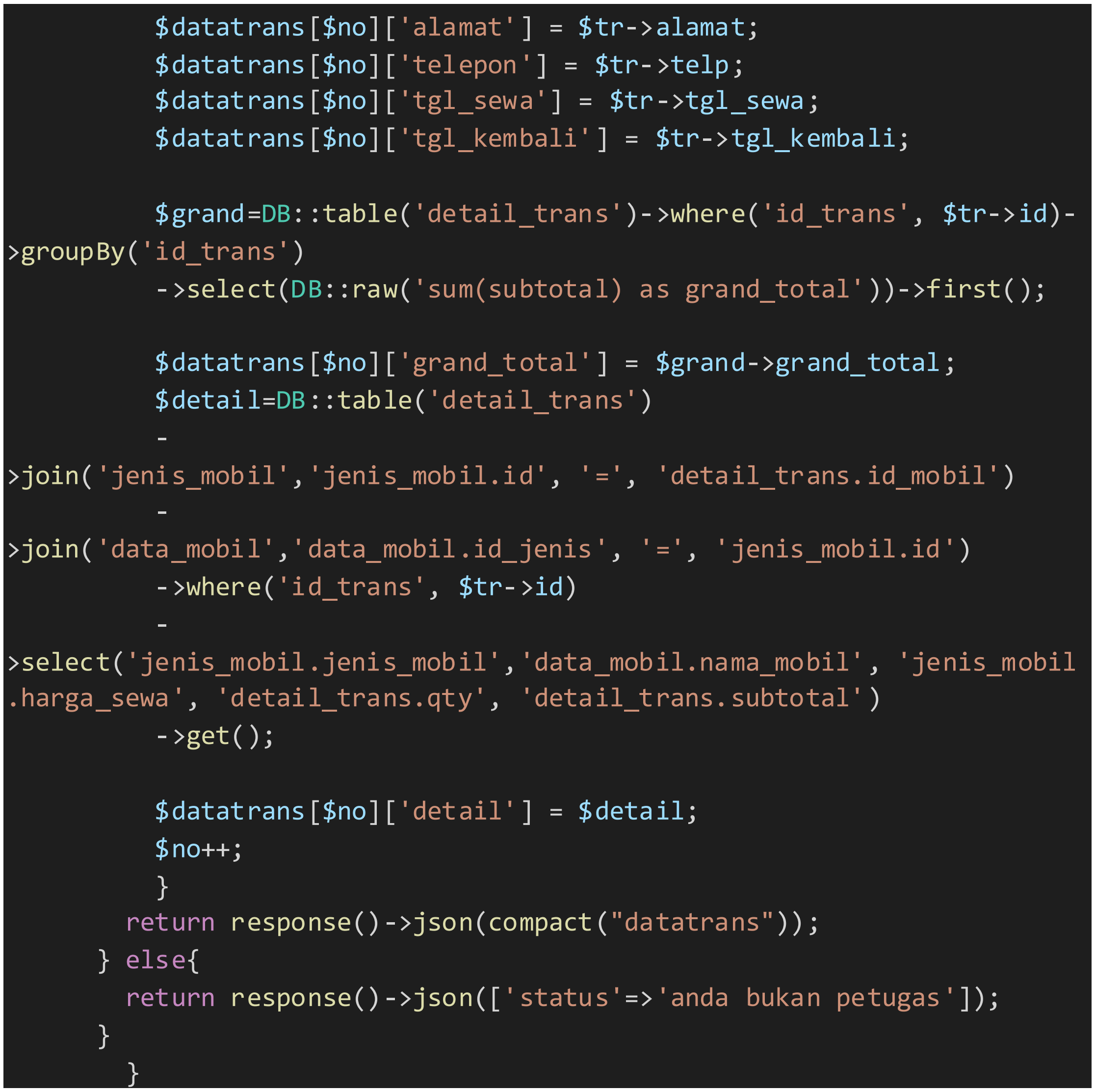


```
// // // detail_transaksi
  Route::post('/simpan_detail','TransaksiController@simpan')-
>middleware('jwt.verify');
```

C. REPORT (GET)



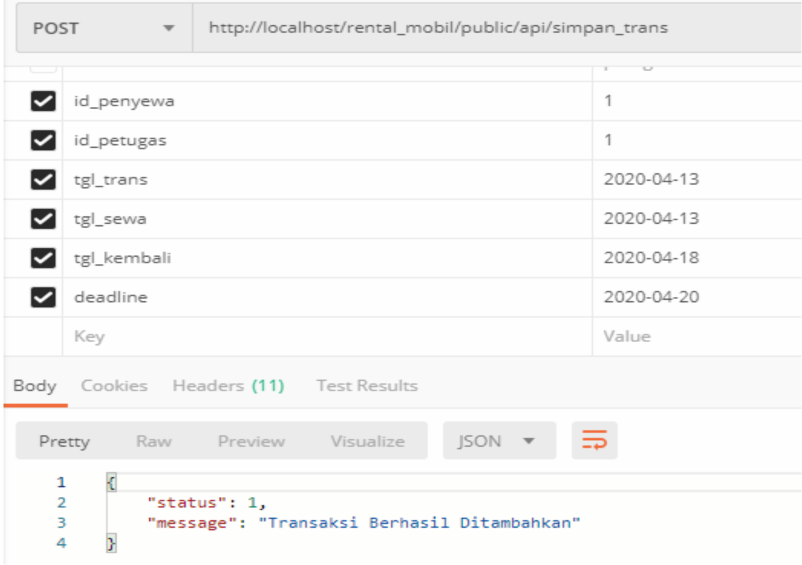
```
public function report($tgl_awal, $tgl_akhir){
      if(Auth::user()->level=="petugas"){
        $transaksi=DB::table('transaksi')
        ->join('penyewa', 'penyewa.id', '=', 'transaksi.id_penyewa')
        ->where('transaksi.tgl_trans', '>=', $tgl_awal)
        ->where('transaksi.tgl_trans', '<=', $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')->where('id_trans', $tr->id)-
>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('jenis_mobil','jenis_mobil.id', '=', 'detail_trans.id_mobil')
          -
>join('data_mobil','data_mobil.id_jenis', '=', 'jenis_mobil.id')
          ->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

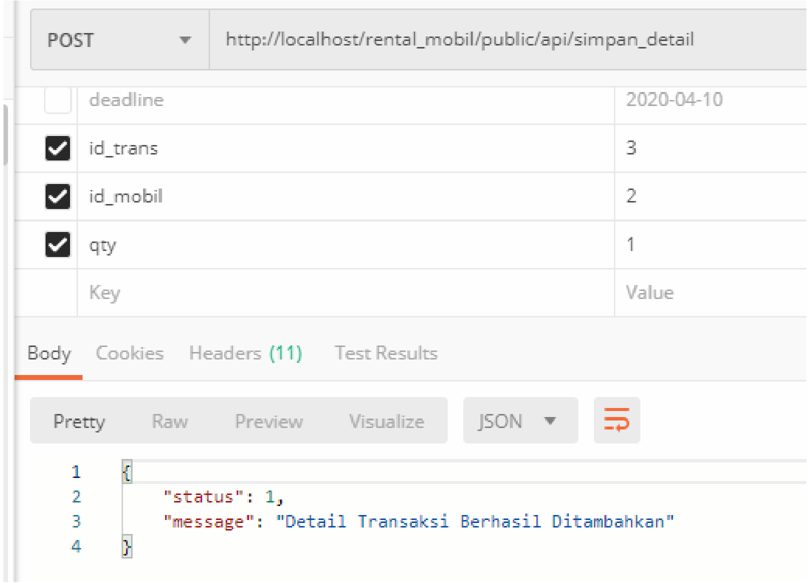


POST http://localhost/rental_mobil/public/api/simpan_trans

☑	id_penyewa	1
☑	id_petugas	1
☑	tgl_trans	2020-04-13
☑	tgl_sewa	2020-04-13
☑	tgl_kembali	2020-04-18
☑	deadline	2020-04-20
	Key	Value

```
{
    "status": 1,
    "message": "Transaksi Berhasil Ditambahkan"
}
```

b. DETAIL TRANSAKSI

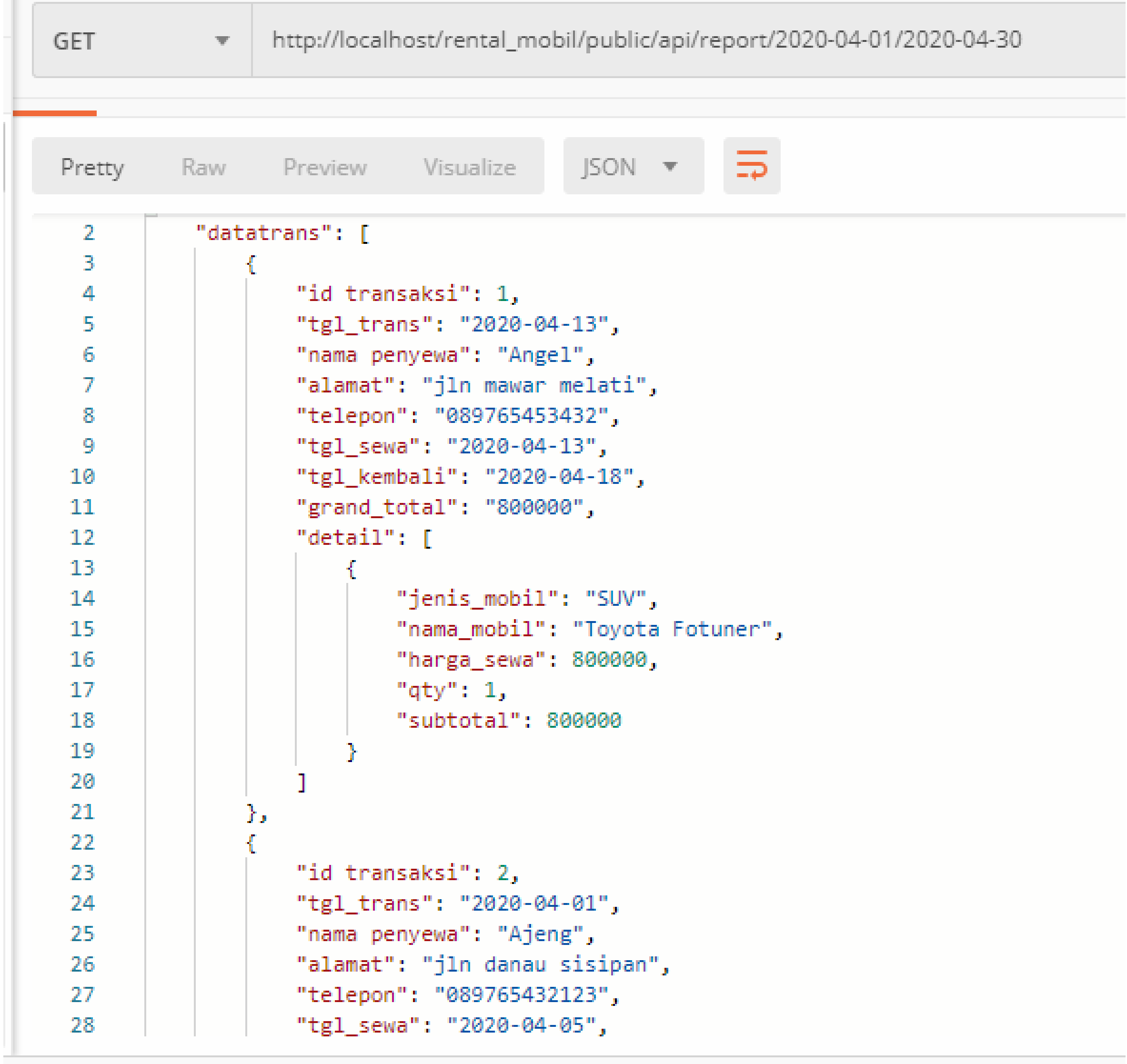


POST http://localhost/rental_mobil/public/api/simpan_detail

☐	deadline	2020-04-10
☑	id_trans	3
☑	id_mobil	2
☑	qty	1
	Key	Value

```
{
    "status": 1,
    "message": "Detail Transaksi Berhasil Ditambahkan"
}
```

c. GET TRANSAKSI DAN DETAIL TRANSAKSI



http://localhost/rental_mobil/public/api/report/2020-04-01/2020-04-30

```
    "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",
```