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Kelas : Laravel

Absen : 21

Login sebagai petugas

- Create Peminjaman

The screenshot shows a REST client interface with a POST request to `localhost/cobaLaravel/public/api/create_peminjaman`. The request body is a JSON object with the following fields: `tgl` (2020-02-03), `id_anggota` (1), `id_petugas` (16), `tgl_deadline` (2020-02-05), and `denda` (empty). The response status is 200, and the response body is a JSON object with `"status": 1`.

Key	Value	Description
<input checked="" type="checkbox"/> tgl	2020-02-03	
<input checked="" type="checkbox"/> id_anggota	1	
<input checked="" type="checkbox"/> id_petugas	16	
<input checked="" type="checkbox"/> tgl_deadline	2020-02-05	
<input type="checkbox"/> denda		

Body: `{ "status": 1 }`

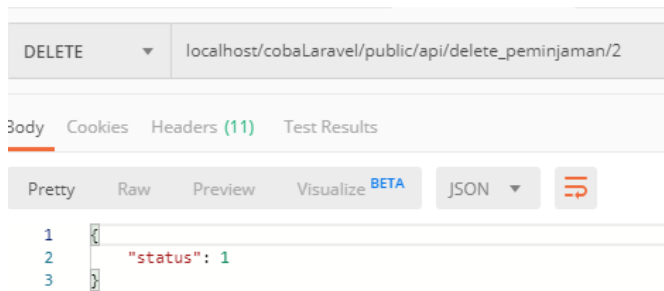
- Update Peminjaman

The screenshot shows a REST client interface with a PUT request to `localhost/cobaLaravel/public/api/update_peminjaman/2`. The request body is a JSON object with the following fields: `tgl` (2020-02-02), `id_anggota` (1), `id_petugas` (20), `tgl_deadline` (2020-02-03), and `denda` (2000). The response status is 200, and the response body is a JSON object with `"status": 1`.

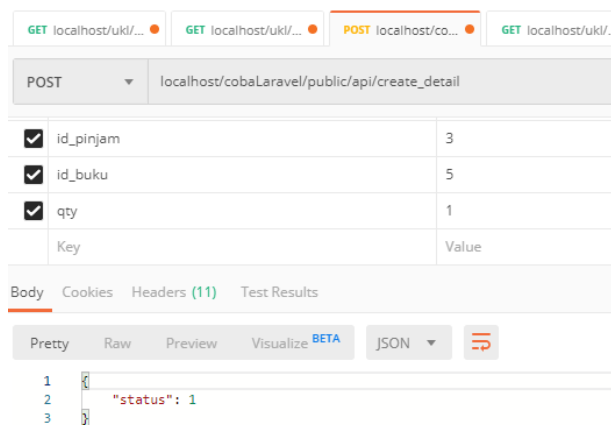
KEY	VALUE
<input checked="" type="checkbox"/> tgl	2020-02-02
<input checked="" type="checkbox"/> id_anggota	1
<input checked="" type="checkbox"/> id_petugas	20
<input checked="" type="checkbox"/> tgl_deadline	2020-02-03
<input checked="" type="checkbox"/> denda	2000

Body: `{ "status": 1 }`

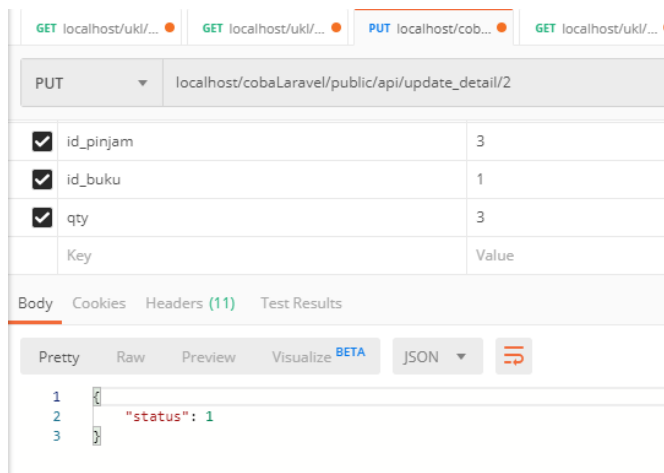
- Delete Peminjaman



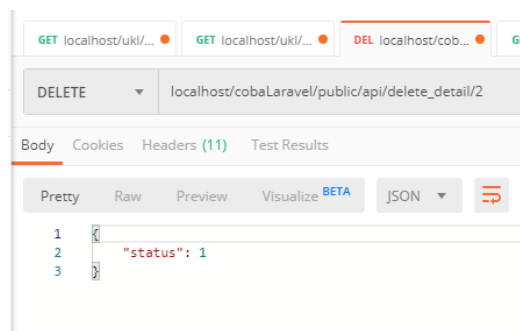
- Create Detail Peminjaman



- Update Detail Peminjaman



- Delete Detail Peminjaman



- Index Detail

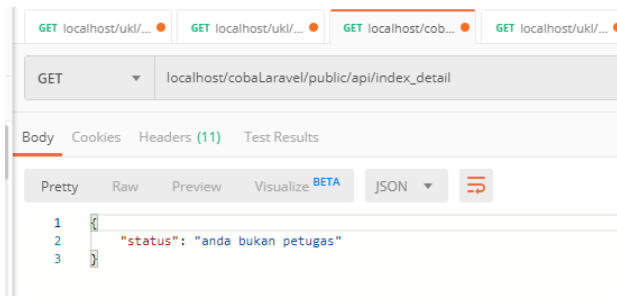
```
1 {
2   "data": [
3     {
4       "id": 1,
5       "id_anggota": 1,
6       "nama_anggota": "sukri",
7       "id_petugas": 20,
8       "tgl": "2020-02-03",
9       "tgl_deadline": "2020-02-10",
10      "detail_pinjam": [
11        {
12          "id_pinjam": 1,
13          "id_buku": 1,
14          "qty": "1"
15        }
16      ],
17    },
18    {
19      "id": 2,
20      "id_anggota": 2,
21      "nama_anggota": "Hery",
22      "id_petugas": 20,
23      "tgl": "2020-02-03",
24      "tgl_deadline": "2020-02-07",
25      "detail_pinjam": []
26    }
27  ]
28 }
```

- Tampil Detail

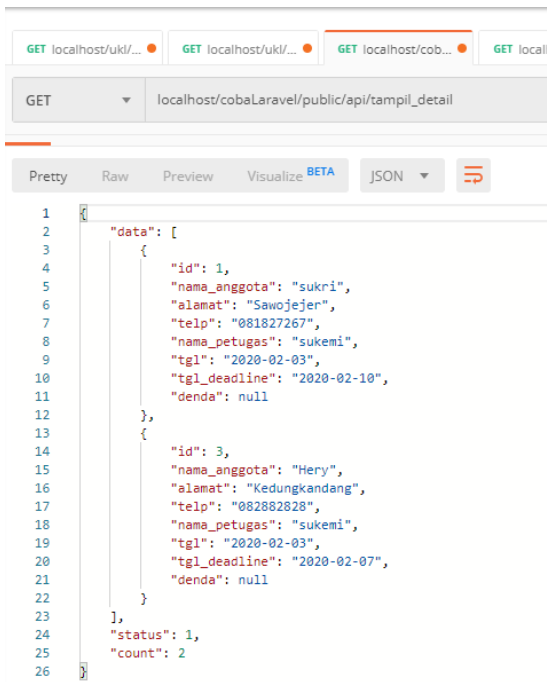
```
1 {
2   "data": [
3     {
4       "id": 1,
5       "nama_anggota": "sukri",
6       "alamat": "Sawojer",
7       "telp": "081827267",
8       "nama_petugas": "sukemi",
9       "tgl": "2020-02-03",
10      "tgl_deadline": "2020-02-10",
11      "denda": null
12    },
13    {
14      "id": 3,
15      "nama_anggota": "Hery",
16      "alamat": "Kedungkandang",
17      "telp": "082862828",
18      "nama_petugas": "sukemi",
19      "tgl": "2020-02-03",
20      "tgl_deadline": "2020-02-07",
21      "denda": null
22    }
23  ],
24   "status": 1,
25   "count": 2
26 }
```

Login Sebagai Admin

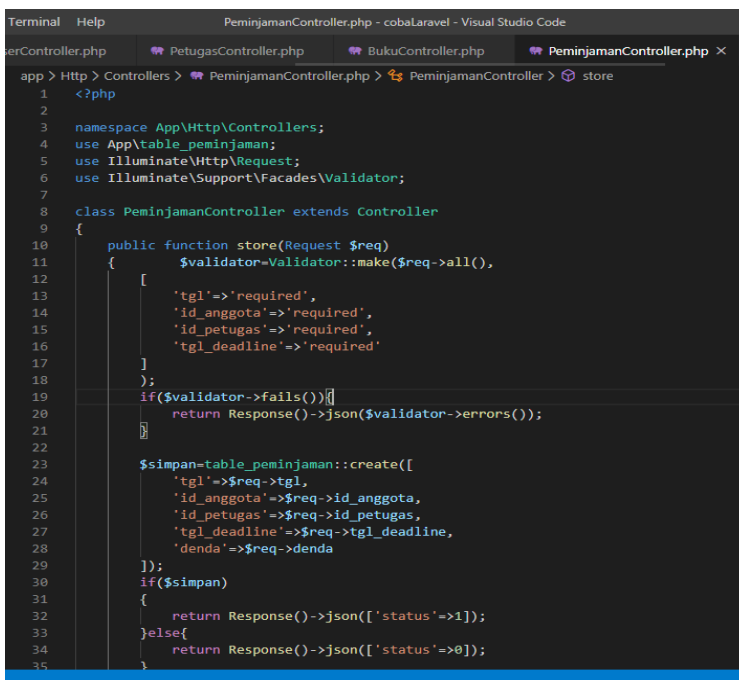
- Index Detail



- Tampil Detail



➤ Controller Peminjaman



```
Terminal Help PeminjamanController.php - cobaLaravel - Visual Studio Code
PeminjamanController.php PetugasController.php BukuController.php Peminjan
app > Http > Controllers > PeminjamanController.php > PeminjamanController > up
30 if($simpan)
31 {
32     return Response()->json(['status'=>1]);
33 }else{
34     return Response()->json(['status'=>0]);
35 }
36 }
37 public function update($id,Request $req)
38 {
39     $validator=Validator::make($req->all(),
40     [
41         'tgl'=>'required',
42         'id_anggota'=>'required',
43         'id_petugas'=>'required',
44         'tgl_deadline'=>'required',
45         'denda'=>'required'
46     ]
47     );
48     if($validator->fails()){
49         return Response()->json($validator->errors());
50     }
51     $ubah=table_peminjaman::where('id',$id)->update([
52         'tgl'=>$req->tgl,
53         'id_anggota'=>$req->id_anggota,
54         'id_petugas'=>$req->id_petugas,
55         'tgl_deadline'=>$req->tgl_deadline,
56         'denda'=>$req->denda
57     ]);
58     if($ubah)
59     {
60         return Response()->json(['status'=>1]);
61     }else{
62         return Response()->json(['status'=>0]);
63     }
64 }
```

```
Terminal Help PeminjamanController.php - cobaLaravel - Visual Studio Code
Controller.php PetugasController.php BukuController.php Peminjan
app > Http > Controllers > PeminjamanController.php > PeminjamanController > up
65 public function destroy($id)
66 {
67     $hapus=table_peminjaman::where('id',$id)->delete();
68     if($hapus)
69     {
70         return Response()->json(['status'=>1]);
71     }else{
72         return Response()->json(['status'=>0]);
73     }
74 }
75 }
76 }
```

➤ Controller Detail Peminjaman

```
Terminal Help DetailPeminjamanController.php - cobaLaravel - Visual Studio Code
serController.php PetugasController.php BukuController.php PeminjamanController.php DetailPeminjamanController.php
app > Http > Controllers > DetailPeminjamanController.php > DetailPeminjamanController > index
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6 use Illuminate\Support\Facades\Validator;
7 use App\table_detail_peminjaman;
8 use Auth;
9 use DB;
10
11 class DetailPeminjamanController extends Controller
12 {
13     public function index()
14     {
15         if(Auth::user()->level=="petugas")
16         {
17             $peminjaman=DB::table('table_peminjaman')
18             ->join('table_anggota','table_anggota.id','=','table_peminjaman.id_anggota')
19             ->join('table_petugas','table_petugas.id','=','table_peminjaman.id_petugas')
20             ->select(['table_peminjaman.id','table_peminjaman.id_anggota','table_anggota.nama_anggota',
21             'table_peminjaman.id_petugas','table_peminjaman.tgl','table_peminjaman.tgl_deadline',
22             'table_peminjaman.denda'])
23             ->get();
24
25             $data=array();
26             foreach ($peminjaman as $dt_pj)
27             {
28                 $sok=table_detail_peminjaman::where('id_pinjam',$dt_pj->id)->get();
29                 $sarr_detail=array();
30                 foreach ($sok as $p)
31                 {
32                     $sarr_detail[]=array(
33                         'id_pinjam' => $p->id_pinjam,
34                         'id_buku' => $p->id_buku,
35                         'qty' => $p->qty
36                     );
37                 }
38                 $data[]=array(
39                     'id' => $dt_pj->id_anggota,
40                     'id_anggota' => $dt_pj->id_anggota,
41                     'nama_anggota' => $dt_pj->nama_anggota,
42                     'id_petugas' => $dt_pj->id_petugas,
43                     'tgl' => $dt_pj->tgl,
44                     'tgl_deadline' => $dt_pj->tgl_deadline,
45                     'detail_pinjam' => $sarr_detail
46                 );
47             }
48             return response()->json(compact("data"));
49         } else {
50             return response()->json(['status'=>'anda bukan petugas']);
51         }
52     }
53 }
```

```
File Edit Selection View Go Debug Terminal Help DetailPeminjamanController.php
serController.php PetugasController.php BukuController.php PeminjamanController.php
app > Http > Controllers > DetailPeminjamanController.php > DetailPeminjamanController > index
30 foreach ($sok as $p)
31 {
32     $sarr_detail[]=array(
33         'id_pinjam' => $p->id_pinjam,
34         'id_buku' => $p->id_buku,
35         'qty' => $p->qty
36     );
37 }
38 $data[]=array(
39     'id' => $dt_pj->id_anggota,
40     'id_anggota' => $dt_pj->id_anggota,
41     'nama_anggota' => $dt_pj->nama_anggota,
42     'id_petugas' => $dt_pj->id_petugas,
43     'tgl' => $dt_pj->tgl,
44     'tgl_deadline' => $dt_pj->tgl_deadline,
45     'detail_pinjam' => $sarr_detail
46 );
47 }
48 return response()->json(compact("data"));
49 } else {
50     return response()->json(['status'=>'anda bukan petugas']);
51 }
52 }
```

```
serController.php  PetugasController.php  BukuController.php  PeminjamanCont
app > Http > Controllers > DetailPeminjamanController.php > DetailPeminjamanController >
53 public function store(Request $req)
54 {
55     $validator=Validator::make($req->all(),
56     [
57         'id_pinjam'=>'required',
58         'id_buku'=>'required',
59         'qty'=>'required'
60     ]
61     );
62     if($validator->fails()){
63         return Response()->json($validator->errors());
64     }
65     $simpan=table_detail_peminjaman::create([
66         'id_pinjam'=>$req->id_pinjam,
67         'id_buku'=>$req->id_buku,
68         'qty'=>$req->qty
69     ]);
70     if($simpan)
71     {
72         return Response()->json(['status'=>1]);
73     }else{
74         return Response()->json(['status'=>0]);
75     }
76 }
77 public function update($id,Request $req)
78 {
79     $validator=Validator::make($req->all(),
80     [
81         'id_pinjam'=>'required',
82         'id_buku'=>'required',
83         'qty'=>'required',
84     ]
85     );
86     if($validator->fails()){
87         return Response()->json($validator->errors());
88     }
```

```
File Edit Selection View Go Debug Terminal Help DetailPeminjamanController.p
serController.php  PetugasController.php  BukuController.php  PeminjamanCont
app > Http > Controllers > DetailPeminjamanController.php > DetailPeminjamanController >
77 public function update($id,Request $req)
78 {
79     $validator=Validator::make($req->all(),
80     [
81         'id_pinjam'=>'required',
82         'id_buku'=>'required',
83         'qty'=>'required',
84     ]
85     );
86     if($validator->fails()){
87         return Response()->json($validator->errors());
88     }
89     $ubah=table_detail_peminjaman::where('id',$id)->update([
90         'id_pinjam'=>$req->id_pinjam,
91         'id_buku'=>$req->id_buku,
92         'qty'=>$req->qty
93     ]);
94     if($ubah)
95     {
96         return Response()->json(['status'=>1]);
97     }else{
98         return Response()->json(['status'=>0]);
99     }
100 }
101 public function destroy($id)
102 {
103     $hapus=table_detail_peminjaman::where('id',$id)->delete();
104     if($hapus)
105     {
106         return Response()->json(['status'=>1]);
107     }else{
108         return Response()->json(['status'=>0]);
109     }
110 }
```

```
File Edit Selection View Go Debug Terminal Help DetailPeminjamanController.php - cobaLaravel - Visual Studio Code
serController.php PetugasController.php BukuController.php PeminjamanController.php DetailPeminjamanController.php x tab
app > Http > Controllers > DetailPeminjamanController.php > DetailPeminjamanController > tampil
111 public function tampil()
112 {
113     $data=DB::table('table_peminjaman')
114     ->join('table_anggota','table_anggota.id','=', 'table_peminjaman.id_anggota')
115     ->join('table_petugas','table_petugas.id','=', 'table_peminjaman.id_petugas')
116     ->select(['table_peminjaman.id','table_anggota.nama_anggota','table_anggota.alamat','table_anggota.telp',
117     ['table_petugas.nama_petugas','table_peminjaman.tgl','table_peminjaman.tgl_deadline','table_peminjaman.denda'])
118     ->get();
119     $count=$data->count();
120     $status=1;
121     return response()->json(compact('data','status','count'));
122 }
123
124 }
125
```

❖ Model Peminjaman

```
File Edit Selection View Go Debug Terminal Help table_peminjaman.php
asController.php BukuController.php PeminjamanController.php DetailPeminjamanController.php
app > table_peminjaman.php > table_peminjaman
1 <?php
2
3 namespace App;
4
5 use Illuminate\Database\Eloquent\Model;
6
7 class table_peminjaman extends Model
8 {
9     protected $table = 'table_peminjaman';
10     protected $primaryKey = 'id';
11     public $timestamps = false;
12     protected $fillable =
13     [
14         'tgl','id_anggota','id_petugas','tgl_deadline'
15     ];
16     public function anggota ()
17     {
18         return $this->belongsTo ('App\table_anggota');
19     }
20     public function petugas ()
21     {
22         return $this->belongsTo ('App\table_petugas');
23     }
24     public function detail_peminjaman ()
25     {
26         return $this->hasOne ('App\table_detail_peminjaman');
27     }
28 }
```

❖ Model Detail Peminjaman

```
File Edit Selection View Go Debug Terminal Help table_detail_peminjaman.php
ler.php PeminjamanController.php DetailPeminjamanController.php
app > table_detail_peminjaman.php > table_detail_peminjaman > buku
1 <?php
2
3 namespace App;
4
5 use Illuminate\Database\Eloquent\Model;
6
7 class table_detail_peminjaman extends Model
8 {
9     protected $table = 'table_detail_peminjaman';
10     protected $primaryKey = 'id';
11     public $timestamps = false;
12     protected $fillable =
13     [
14         'id_pinjam','id_buku','qty'
15     ];
16     public function peminjaman ()
17     {
18         return $this->belongsTo ('App\table_peminjaman');
19     }
20     public function buku ()
21     {
22         return $this->belongsTo ('App\table_buku');
23     }
24 }
25
```