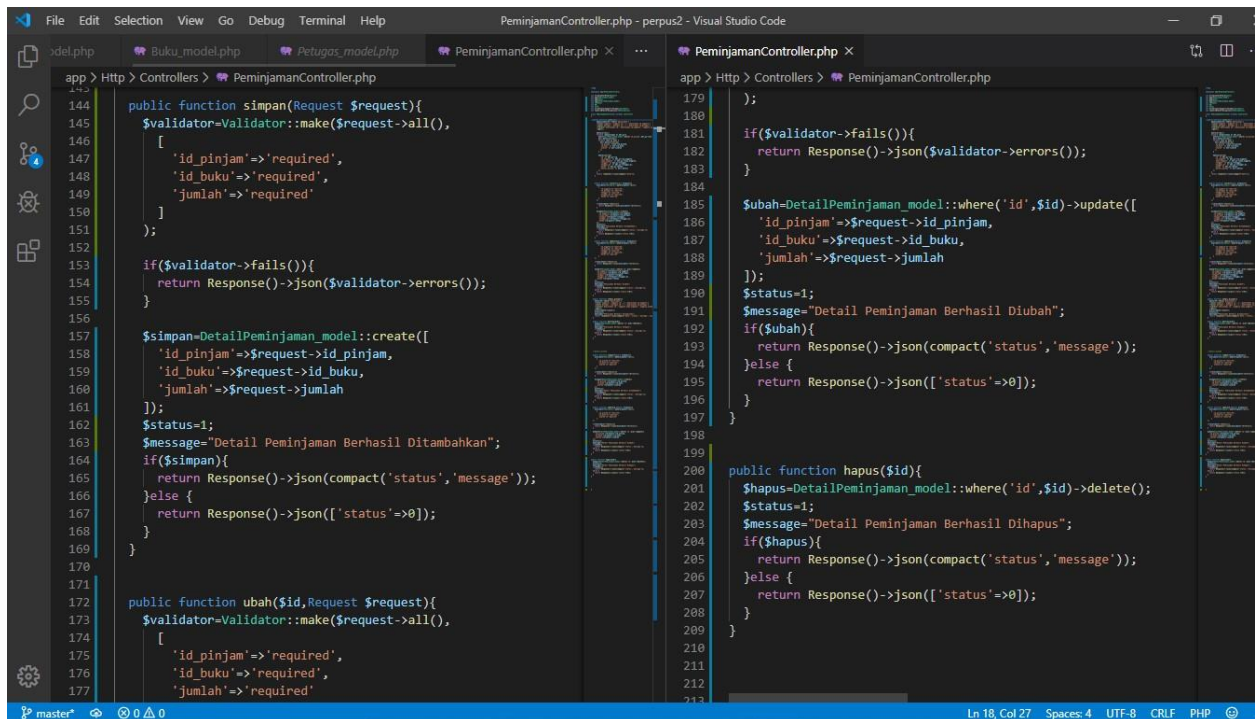


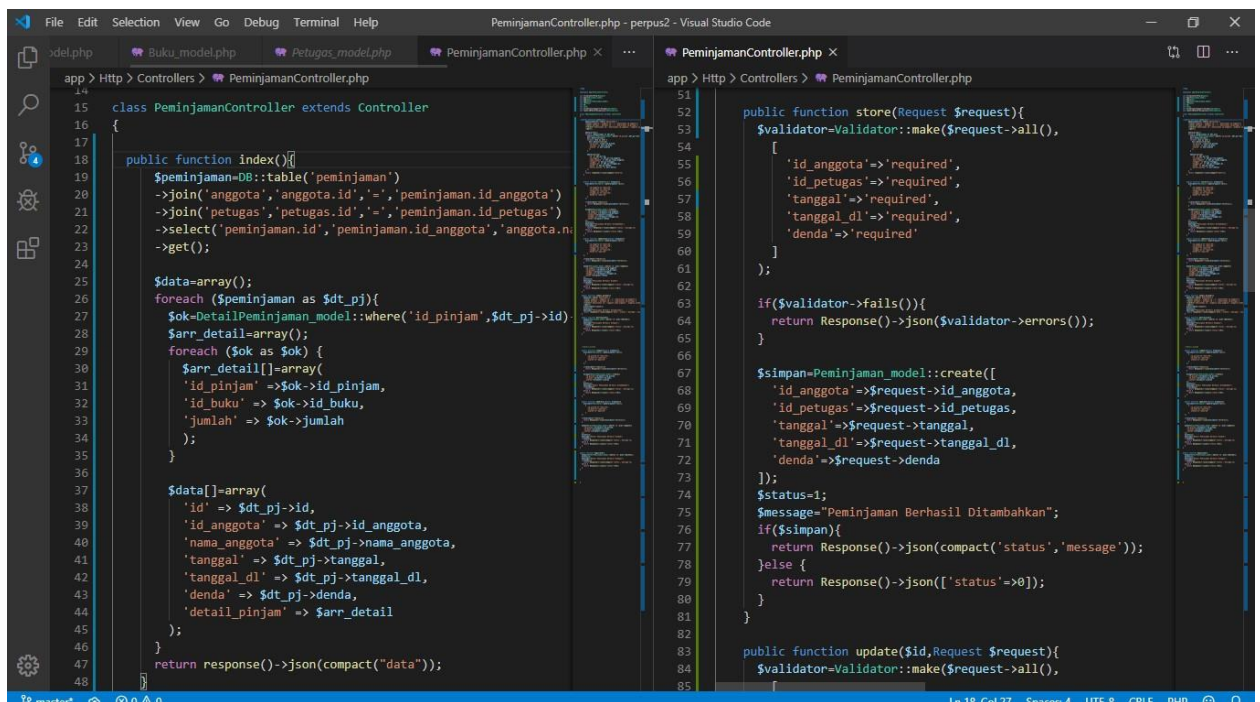
1. Peminjaman Controller (1)



```
File Edit Selection View Go Debug Terminal Help
PeminjamanController.php - perpus2 - Visual Studio Code

app > Http > Controllers > PeminjamanController.php
144 public function simpan(Request $request){
145     $validator=Validator::make($request->all(),
146     [
147         'id_pinjam'=>'required',
148         'id_buku'=>'required',
149         'jumlah'=>'required'
150     ]
151 );
152
153 if($validator->fails()){
154     return Response()->json($validator->errors());
155 }
156
157 $simpan=DetailPeminjaman_model::create([
158     'id_pinjam'=>$request->id_pinjam,
159     'id_buku'=>$request->id_buku,
160     'jumlah'=>$request->jumlah
161 ]);
162
163 $status=1;
164 $message="Detail Peminjaman Berhasil Ditambahkan";
165 if($simpan){
166     return Response()->json(compact('status','message'));
167 }else {
168     return Response()->json(['status'=>0]);
169 }
170
171
172 public function ubah($id,Request $request){
173     $validator=Validator::make($request->all(),
174     [
175         'id_pinjam'=>'required',
176         'id_buku'=>'required',
177         'jumlah'=>'required'
178     ]
179 );
180
181 if($validator->fails()){
182     return Response()->json($validator->errors());
183 }
184
185 $ubah=DetailPeminjaman_model::where('id',$id)->update([
186     'id_pinjam'=>$request->id_pinjam,
187     'id_buku'=>$request->id_buku,
188     'jumlah'=>$request->jumlah
189 ]);
190
191 $status=1;
192 $message="Detail Peminjaman Berhasil Diubah";
193 if($ubah){
194     return Response()->json(compact('status','message'));
195 }else {
196     return Response()->json(['status'=>0]);
197 }
198
199
200 public function hapus($id){
201     $hapus=DetailPeminjaman_model::where('id',$id)->delete();
202     $status=1;
203     $message="Detail Peminjaman Berhasil Dihapus";
204     if($hapus){
205         return Response()->json(compact('status','message'));
206     }else {
207         return Response()->json(['status'=>0]);
208     }
209 }
210
211
212
213
```

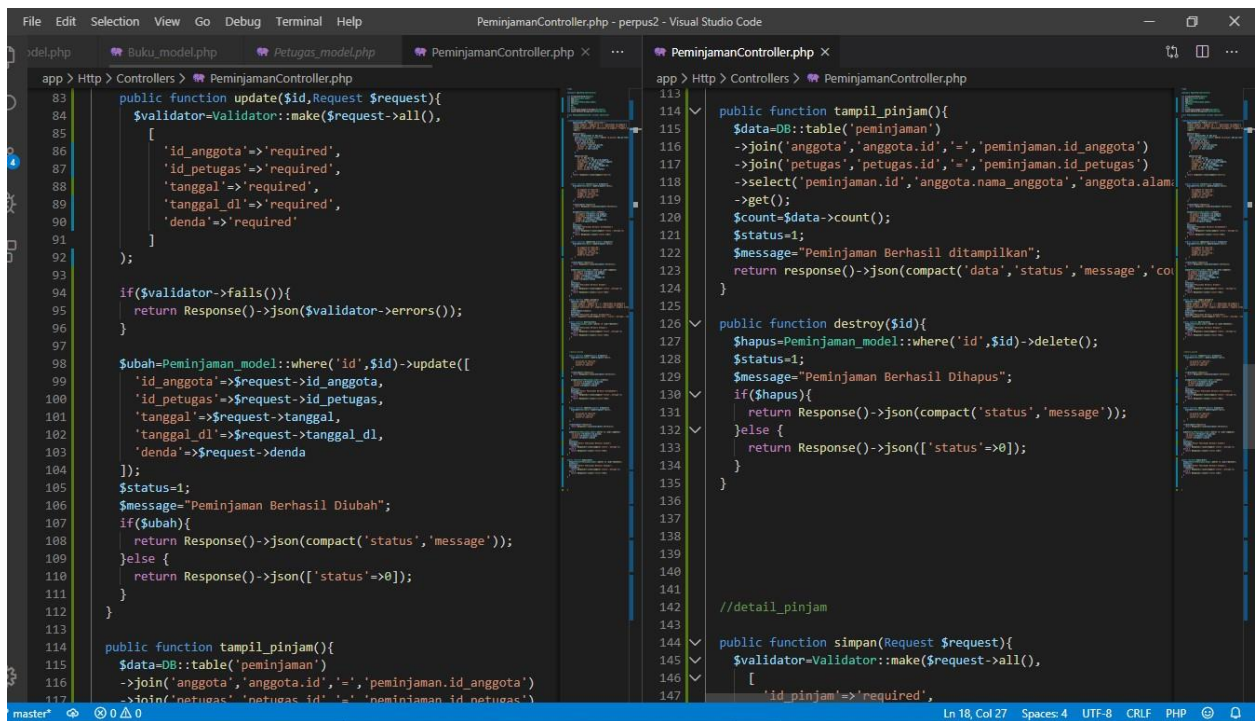
2. Peminjaman Controller (2)



```
File Edit Selection View Go Debug Terminal Help
PeminjamanController.php - perpus2 - Visual Studio Code

app > Http > Controllers > PeminjamanController.php
15 class PeminjamanController extends Controller
16 {
17
18 public function index(){
19     $peminjaman=DB::table('peminjaman')
20     ->join('anggota','anggota.id','=','peminjaman.id_anggota')
21     ->join('petugas','petugas.id','=','peminjaman.id_petugas')
22     ->select('peminjaman.id','peminjaman.id_anggota','anggota.n
23     ->get();
24
25     $data=array();
26     foreach ($peminjaman as $dt_pj){
27         $ok=DetailPeminjaman_model::where('id_pinjam',$dt_pj->id)
28         $arr_detail=array();
29         foreach ($ok as $ok) {
30             $arr_detail[]=array(
31                 'id_pinjam' =>$ok->id_pinjam,
32                 'id_buku' => $ok->id_buku,
33                 'jumlah' => $ok->jumlah
34             );
35         }
36
37         $data[]=array(
38             'id' => $dt_pj->id,
39             'id_anggota' => $dt_pj->id_anggota,
40             'nama_anggota' => $dt_pj->nama_anggota,
41             'tanggal' => $dt_pj->tanggal,
42             'tanggal_d1' => $dt_pj->tanggal_d1,
43             'denda' => $dt_pj->denda,
44             'detail_pinjam' => $arr_detail
45         );
46     }
47     return response()->json(compact("data"));
48 }
49
50
51
52 public function store(Request $request){
53     $validator=Validator::make($request->all(),
54     [
55         'id_anggota'=>'required',
56         'id_petugas'=>'required',
57         'tanggal'=>'required',
58         'tanggal_d1'=>'required',
59         'denda'=>'required'
60     ]
61 );
62
63 if($validator->fails()){
64     return Response()->json($validator->errors());
65 }
66
67 $simpan=Peminjaman_model::create([
68     'id_anggota'=>$request->id_anggota,
69     'id_petugas'=>$request->id_petugas,
70     'tanggal'=>$request->tanggal,
71     'tanggal_d1'=>$request->tanggal_d1,
72     'denda'=>$request->denda
73 ]);
74
75 $status=1;
76 $message="Peminjaman Berhasil Ditambahkan";
77 if($simpan){
78     return Response()->json(compact('status','message'));
79 }else {
80     return Response()->json(['status'=>0]);
81 }
82
83
84 public function update($id,Request $request){
85     $validator=Validator::make($request->all(),
86     [
87         'id_anggota'=>'required',
88         'id_petugas'=>'required',
89         'tanggal'=>'required',
90         'tanggal_d1'=>'required',
91         'denda'=>'required'
92     ]
93 );
94
95 if($validator->fails()){
96     return Response()->json($validator->errors());
97 }
98
99 $ubah=Peminjaman_model::where('id',$id)->update([
100     'id_anggota'=>$request->id_anggota,
101     'id_petugas'=>$request->id_petugas,
102     'tanggal'=>$request->tanggal,
103     'tanggal_d1'=>$request->tanggal_d1,
104     'denda'=>$request->denda
105 ]);
106
107 $status=1;
108 $message="Detail Peminjaman Berhasil Diubah";
109 if($ubah){
110     return Response()->json(compact('status','message'));
111 }else {
112     return Response()->json(['status'=>0]);
113 }
114
115
116 public function hapus($id){
117     $hapus=Peminjaman_model::where('id',$id)->delete();
118     $status=1;
119     $message="Detail Peminjaman Berhasil Dihapus";
120     if($hapus){
121         return Response()->json(compact('status','message'));
122     }else {
123         return Response()->json(['status'=>0]);
124     }
125 }
126
127
128
129
```

3. Peminjaman Controller (3)



```
File Edit Selection View Go Debug Terminal Help PeminjamanController.php - perpus2 - Visual Studio Code
PeminjamanController.php
app > Http > Controllers > PeminjamanController.php
83 public function update($id, Request $request){
84     $validator=Validator::make($request->all(),
85     [
86         'id_anggota'=>'required',
87         'id_petugas'=>'required',
88         'tanggal'=>'required',
89         'tanggal_d1'=>'required',
90         'denda'=>'required'
91     ]
92 );
93
94 if($validator->fails()){
95     return Response()->json($validator->errors());
96 }
97
98 $ubah=Peminjaman_model::where('id',$id)->update([
99     'id_anggota'=>$request->id_anggota,
100     'id_petugas'=>$request->id_petugas,
101     'tanggal'=>$request->tanggal,
102     'tanggal_d1'=>$request->tanggal_d1,
103     'denda'=>$request->denda
104 ]);
105 $status=1;
106 $message="Peminjaman Berhasil Diubah";
107 if($ubah){
108     return Response()->json(compact('status','message'));
109 }else {
110     return Response()->json(['status'=>0]);
111 }
112
113 public function tampil_pinjam(){
114     $data=DB::table('peminjaman')
115     ->join('anggota','anggota.id','=', 'peminjaman.id_anggota')
116     ->join('petugas','petugas.id','=', 'peminjaman.id_petugas')
117     ->select('peminjaman.id','anggota.nama_anggota','anggota.alam
118     ->get();
119     $count=$data->count();
120     $status=1;
121     $message="Peminjaman Berhasil ditampilkan";
122     return response()->json(compact('data','status','message','co
123 }
124
125 public function destroy($id){
126     $hapus=Peminjaman_model::where('id',$id)->delete();
127     $status=1;
128     $message="Peminjaman Berhasil Dihapus";
129     if($hapus){
130         return Response()->json(compact('status','message'));
131     }else {
132         return Response()->json(['status'=>0]);
133     }
134 }
135
136 //detail_pinjam
137
138 public function simpan(Request $request){
139     $validator=Validator::make($request->all(),
140     [
141         'id_pinjam'=>'required',
142         'id_anggota'=>'required',
143         'id_petugas'=>'required',
144         'tanggal'=>'required',
145         'tanggal_d1'=>'required',
146         'denda'=>'required'
147     ]
148 );
149
150 if($validator->fails()){
151     return Response()->json($validator->errors());
152 }
153
154 $simpan=Peminjaman_model::create([
155     'id_pinjam'=>$request->id_pinjam,
156     'id_anggota'=>$request->id_anggota,
157     'id_petugas'=>$request->id_petugas,
158     'tanggal'=>$request->tanggal,
159     'tanggal_d1'=>$request->tanggal_d1,
160     'denda'=>$request->denda
161 ]);
162 $status=1;
163 $message="Peminjaman Berhasil Ditambah";
164 if($simpan){
165     return Response()->json(compact('status','message'));
166 }else {
167     return Response()->json(['status'=>0]);
168 }
169
170 }
171
172 }
```

4. Hapus Detail

The screenshot shows a REST client interface with a DELETE request to `localhost:8000/api/hapus_detail/1`. The request body is set to `x-www-form-urlencoded`. The form data includes:

KEY	VALUE
<input checked="" type="checkbox"/> id_pinjam	2
<input checked="" type="checkbox"/> id_buku	2
<input checked="" type="checkbox"/> jumlah	1
<input type="checkbox"/> tanggal_dl	2020-02-10
<input type="checkbox"/> denda	-
<input type="checkbox"/> username	angelia
<input type="checkbox"/> password	angel123
<input type="checkbox"/> password_confirmation	angel123
<input type="checkbox"/> level	petugas

The response is shown in the Body tab, formatted as JSON:

```
1 {
2   "status": 1,
3   "message": "Detail Peminjaman Berhasil Dihapus"
4 }
```

5. Hapus Peminjaman

The screenshot shows the response body for the deletion of a loan, formatted as JSON:

```
1 {
2   "status": 1,
3   "message": "Peminjaman Berhasil Dihapus"
4 }
```

6. Buku Model

```
app > Buku_model.php
3 namespace App;
4
5 use Illuminate\Database\Eloquent\Model;
6
7 class Buku_model extends Model
8 {
9     protected $table='buku';
10    protected $primaryKey='id';
11
12    protected $fillable = [
13        'judul', 'penerbit', 'pengarang', 'foto'
14    ];
15
16    public function detail_peminjaman(){
17        return this()->hasMany('App\detail_peminjaman', 'id');
18    }
19 }
20
```

7. DetailPeminjaman Model

```
app > DetailPeminjaman_model.php
1 <?php
2
3 namespace App;
4
5 use Illuminate\Database\Eloquent\Model;
6
7 class DetailPeminjaman_model extends Model
8 {
9     protected $table='detailpeminjaman';
10    protected $primaryKey='id';
11
12    protected $fillable = [
13        'id_pinjam', 'id_buku', 'jumlah'
14    ];
15
16    public function buku(){
17        return this()->belongsTo('App\Buku', 'id_buku');
18    }
19 }
```

8. Simpan Detail

The screenshot shows a REST client interface with a POST request to `localhost:8000/api/simpan_detail`. The request body is a JSON object with the following fields:

Key	Value
denda	-
username	angelia
password	angel123
password_confirmation	angel123
level	petugas

The response is displayed in the 'Body' tab, showing a JSON object with the following structure:

```
1 {
2   "status": 1,
3   "message": "Detail Peminjaman Berhasil Ditambahkan"
4 }
```

The status is 200.

9. Simpan Peminjaman

GET localhost... GET localhost... GET localhost... DEL localhost... POST localhost... POST localhost...

POST localhost:8000/api/simpan_peminjaman

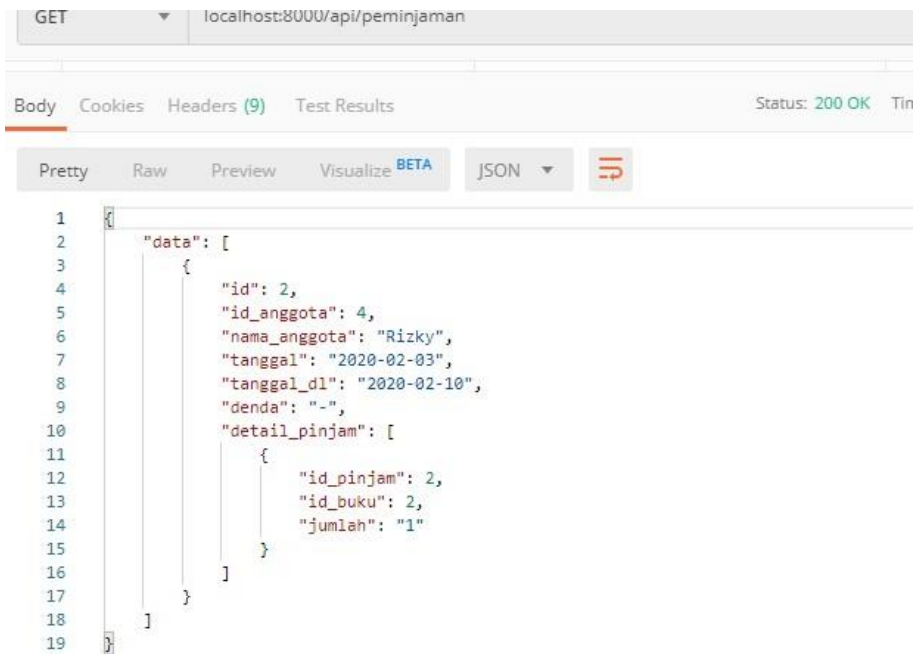
Key	Value
tanggal	2020-02-03
tanggal_dl	2020-02-10
denda	-
username	angelia
password	angel123
password_confirmation	angel123
level	petugas

Body Cookies Headers (9) Test Results

Pretty Raw Preview Visualize BETA JSON

```
1 {  
2   "status": 1,  
3   "message": "Peminjaman Berhasil Ditambahkan"  
4 }
```


10. Tampil Detail



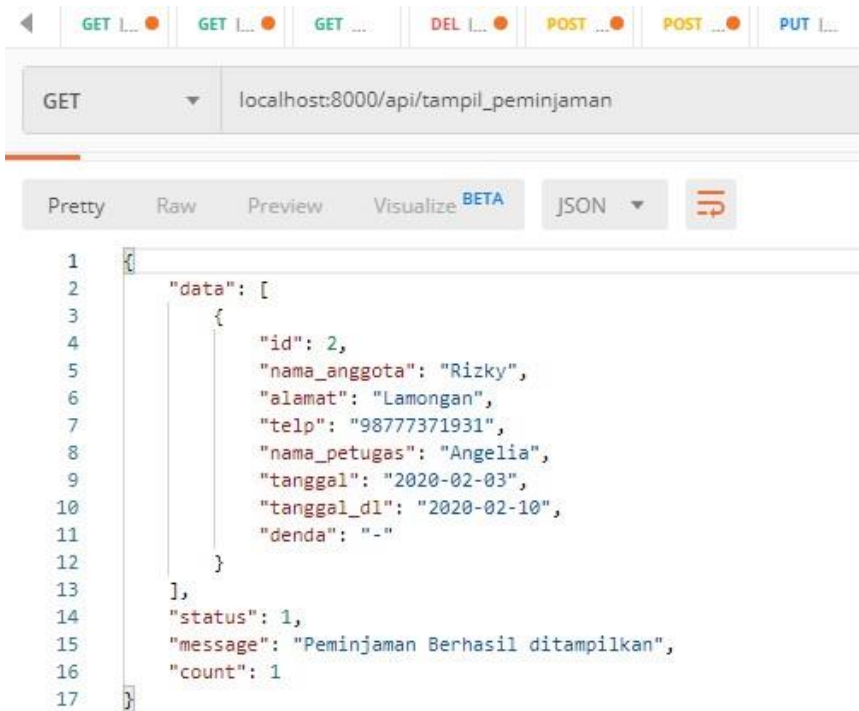
```
GET localhost:8000/api/peminjaman

Body Cookies Headers (9) Test Results Status: 200 OK Tin

Pretty Raw Preview Visualize BETA JSON

1 {
2   "data": [
3     {
4       "id": 2,
5       "id_anggota": 4,
6       "nama_anggota": "Rizky",
7       "tanggal": "2020-02-03",
8       "tanggal_d1": "2020-02-10",
9       "denda": "-",
10      "detail_pinjam": [
11        {
12          "id_pinjam": 2,
13          "id_buku": 2,
14          "jumlah": "1"
15        }
16      ]
17    }
18  ]
19 }
```

11. Tampil Peminjaman



```
GET localhost:8000/api/tampil_peminjaman

Pretty Raw Preview Visualize BETA JSON

1 {
2   "data": [
3     {
4       "id": 2,
5       "nama_anggota": "Rizky",
6       "alamat": "Lamongan",
7       "telp": "98777371931",
8       "nama_petugas": "Angelina",
9       "tanggal": "2020-02-03",
10      "tanggal_d1": "2020-02-10",
11      "denda": "-"
12    }
13  ],
14  "status": 1,
15  "message": "Peminjaman Berhasil ditampilkan",
16  "count": 1
17 }
```

12. Ubah Detail

PUT localhost:8000/api/ubah_detail/1

<input checked="" type="checkbox"/>	id_pinjam	2
<input checked="" type="checkbox"/>	id_buku	2
<input checked="" type="checkbox"/>	jumlah	1
<input type="checkbox"/>	tanggal_dl	2020-02-10
<input type="checkbox"/>	denda	-
<input type="checkbox"/>	username	angelia
<input type="checkbox"/>	password	angel123
<input type="checkbox"/>	password_confirmation	angel123
<input type="checkbox"/>	level	petugas
	Key	Value

Body Cookies Headers (9) Test Results Status: 200 OK

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "status": 1,
3   "message": "Detail Peminjaman Berhasil Diubah"
4 }
```

13. Ubah Peminjaman

<input checked="" type="checkbox"/>	denda	-
<input type="checkbox"/>	username	angelia
<input type="checkbox"/>	password	angel123
<input type="checkbox"/>	password_confirmation	angel123
<input type="checkbox"/>	level	petugas
	Key	Value

Body Cookies Headers (9) Test Results Status: 200 OK

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "status": 1,
3   "message": "Peminjaman Berhasil Diubah"
4 }
```