

CRUD

The image displays two screenshots of the Postman application, illustrating a REST client interface for a CRUD API.

Top Screenshot: POST Request

- Method:** POST
- URL:** localhost:8000/api/buku?judul=z&penerbit=zs&pengarang=z1
- Query Params:**

KEY	VALUE	DESCRIPTION
judul	z	
penerbit	zs	
pengarang	z1	
- Body:** data tersimpan
- Status:** 200 OK, Time: 999ms, Size: 300 B

Bottom Screenshot: GET Request

- Method:** GET
- URL:** localhost:8000/api/buku?judul=z&penerbit=zs&pengarang=z1
- Query Params:** (Same as the POST request)
- Body:** JSON response:

```
{  "buku": {    "id": 1,    "judul": "zac",    "penerbit": "zan",    "pengarang": "zas",    "foto": null  }}
```
- Status:** 200 OK, Time: 690ms, Size: 2.19 KB

Postman

File Edit View Help

New Import Runner

My Workspace Invite

Filter

History Collections APIs BETA

Save Responses Clear all

GET localhost:8000/api/user

POST localhost:8000/api/login

GET localhost:8000/api/bookall

POST localhost:8000/api/register

GET localhost:8000/api/register

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

GET localhost:8000/api/bookall

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

January 21

GET localhost:8000/api/user

GET localhost:8000/api/bookall

POST localhost:8000/api/register

Untitled Request

PUT localhost:8000/api/buku/1?judul=zsa&penerbit=zss&pengarang=z232

Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> judul	zsa			
<input checked="" type="checkbox"/> penerbit	zss			
<input checked="" type="checkbox"/> pengarang	z232			
Key	Value	Description		

Body Cookies (2) Headers (9) Test Results Status: 200 OK Time: 1377ms Size: 300 B Save Response

Pretty Raw Preview Visualize BETA HTML

```
1 data terupdate
```

Postman

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Save Responses Clear all

GET localhost:8000/api/user

POST localhost:8000/api/login

GET localhost:8000/api/bookall

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GET localhost:8000/api/register

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

GET localhost:8000/api/bookall

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

January 21

GET localhost:8000/api/user

GET localhost:8000/api/bookall

POST localhost:8000/api/register

Untitled Request

GET localhost:8000/api/buku/1?judul=zsa&penerbit=zss&pengarang=z232

Send Save

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> judul	zsa			
<input checked="" type="checkbox"/> penerbit	zss			
<input checked="" type="checkbox"/> pengarang	z232			
Key	Value	Description		

Body Cookies (2) Headers (9) Test Results Status: 200 OK Time: 698ms Size: 401 B Save Response

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "id": 1,
3   "judul": "zsa",
4   "penerbit": "zss",
5   "pengarang": "z232",
6   "foto": null,
7   "created_at": "2020-01-15 07:33:25",
8   "updated_at": null
9 }
```

Postman

File Edit View Help

New Import Runner

My Workspace Invite

Filter

History Collections APIs BETA

Save Responses Clear all

GET localhost:8000/api/user

POST localhost:8000/api/login

GET localhost:8000/api/bookall

POST localhost:8000/api/register

GET localhost:8000/api/register

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

January 21

GET localhost:8000/api/user

GET localhost:8000/api/bookall

POST localhost:8000/api/register

Untitled Request

DELETE localhost:8000/api/buku/12?judul=zsa&penerbit=zss&pengarang=z232

Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> judul	zsa		
<input checked="" type="checkbox"/> penerbit	zss		
<input checked="" type="checkbox"/> pengarang	z232		
Key	Value	Description	

Body Cookies (2) Headers (9) Test Results Status: 200 OK Time: 875ms Size: 299 B Save Response

Pretty Raw Preview Visualize BETA HTML

```
1 data terhapus
```

Postman

File Edit View Help

New Import Runner

My Workspace Invite

Filter

History Collections APIs BETA

Save Responses Clear all

GET localhost:8000/api/user

POST localhost:8000/api/login

GET localhost:8000/api/bookall

POST localhost:8000/api/register

GET localhost:8000/api/register

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

GET localhost:8000/api/book

January 21

GET localhost:8000/api/user

GET localhost:8000/api/bookall

POST localhost:8000/api/register

Untitled Request

POST localhost:8000/api/anggota?nama_anggota=s&alamat=russias&telp=1111112

Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> nama_anggota	s		
<input checked="" type="checkbox"/> alamat	russias		
<input checked="" type="checkbox"/> telp	1111112		
Key	Value	Description	

Body Cookies (2) Headers (9) Test Results Status: 200 OK Time: 1651ms Size: 300 B Save Response

Pretty Raw Preview Visualize BETA HTML

```
1 data tersimpan
```

Postman

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History Collections APIs BETA

Save Responses Clear all

GET localhost:8000/api/user

POST localhost:8000/api/login

GET localhost:8000/api/bookall

POST localhost:8000/api/register

GET localhost:8000/api/register

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

January 21

GET localhost:8000/api/user

GET localhost:8000/api/bookall

POST localhost:8000/api/register

Untitled Request

GET localhost:8000/api/anggota?nama_anggota=s&alamat=russias&telp=1111112

Send Save

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> nama_anggota	s		
<input checked="" type="checkbox"/> alamat	russias		
<input checked="" type="checkbox"/> telp	1111112		
Key	Value	Description	

Body Cookies (2) Headers (9) Test Results Status: 200 OK Time: 688ms Size: 2.84 KB Save Response

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "buku": {
3     "id": 1,
4     "nama_anggota": "zacs",
5     "alamat": "russia",
6     "telp": "111111",
7     "created_at": null,
8   }
9 }
```

Postman

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Filter

History Collections APIs BETA

Save Responses Clear all

GET localhost:8000/api/user

POST localhost:8000/api/login

GET localhost:8000/api/bookall

POST localhost:8000/api/register

GET localhost:8000/api/register

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

January 21

GET localhost:8000/api/user

GET localhost:8000/api/bookall

POST localhost:8000/api/register

Untitled Request

PUT localhost:8000/api/anggota/1?nama_anggota=s1&alamat=russias&telp=1111112

Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> nama_anggota	s1		
<input checked="" type="checkbox"/> alamat	russias		
<input checked="" type="checkbox"/> telp	1111112		
Key	Value	Description	

Body Cookies (2) Headers (9) Test Results Status: 200 OK Time: 1482ms Size: 300 B Save Response

Pretty Raw Preview Visualize BETA HTML

```
1 data terupdate
```

Postman

File Edit View Help

New Import Runner

My Workspace Invite

Filter

History Collections APIs BETA

Save Responses Clear all

GET localhost:8000/api/user

POST localhost:8000/api/login

GET localhost:8000/api/bookall

POST localhost:8000/api/register

GET localhost:8000/api/register

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

GET localhost:8000/api/bookall

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

January 21

GET localhost:8000/api/user

GET localhost:8000/api/bookall

POST localhost:8000/api/register

Untitled Request

GET localhost:8000/api/anggota/1?nama_anggota=s1&alamat=russias&telp=1111112

Send Save

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> nama_anggota	s1		
<input checked="" type="checkbox"/> alamat	russias		
<input checked="" type="checkbox"/> telp	1111112		
Key	Value	Description	

Body Cookies (2) Headers (9) Test Results Status: 200 OK Time: 703ms Size: 378 B Save Response

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "id": 1,
3   "nama_anggota": "s1",
4   "alamat": "russias",
5   "telp": "1111112",
6   "created_at": null,
7   "updated_at": null
8 }
```

Postman

File Edit View Help

New Import Runner

My Workspace Invite

Filter

History Collections APIs BETA

Save Responses Clear all

GET localhost:8000/api/user

POST localhost:8000/api/login

GET localhost:8000/api/bookall

POST localhost:8000/api/register

GET localhost:8000/api/register

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

GET localhost:8000/api/bookall

GET localhost:8000/api/bookall

GET localhost:8000/api/book

GET localhost:8000/api/book

January 21

GET localhost:8000/api/user

GET localhost:8000/api/bookall

POST localhost:8000/api/register

Untitled Request

DELETE localhost:8000/api/anggota/1?nama_anggota=s1&alamat=russias&telp=1111112

Send Save

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> nama_anggota	s1		
<input checked="" type="checkbox"/> alamat	russias		
<input checked="" type="checkbox"/> telp	1111112		
Key	Value	Description	

Body Cookies (2) Headers (9) Test Results Status: 200 OK Time: 846ms Size: 299 B Save Response

Pretty Raw Preview Visualize BETA HTML

```
1 data terhapus
```

```
File Edit Selection View Go Debug Terminal Help api.php - Visual Studio Code
Buku_controller.php Anggota_controller.php api.php x
C:\Zulfa_XRPL2_40> htdocs> Delta-01> routes> api.php
12 | is assigned the "api" middleware group. Enjoy building your API!
13 |
14 | */
15 |
16 Route::middleware('auth:api')->get('/user', function (Request $request) {
17     return $request->user();
18 });
19 |
20 Route::post('register', 'UserController@register');
21 Route::post('login', 'UserController@login');
22 Route::get('book', 'Buku_controller@book');
23 Route::get('/', function(){
24     return Auth::user()->level;
25 }->middleware('jwt.verify');
26 Route::get('bookall', 'Buku_controller@bookAuth');
27 Route::get('user', 'UserController@getAuthenticatedUser');
28 |
29 Route::get('buku', 'Buku_controller@index')->middleware('jwt.verify');
30 Route::post('buku', 'Buku_controller@create')->middleware('jwt.verify');
31 Route::get('/buku/{id}', 'Buku_controller@detail')->middleware('jwt.verify');
32 Route::put('/buku/{id}', 'Buku_controller@update')->middleware('jwt.verify');
33 Route::delete('/buku/{id}', 'Buku_controller@delete')->middleware('jwt.verify');
34 |
35 Route::get('anggota', 'Anggota_controller@index')->middleware('jwt.verify');
36 Route::post('anggota', 'Anggota_controller@create')->middleware('jwt.verify');
37 Route::get('/anggota/{id}', 'Anggota_controller@detail')->middleware('jwt.verify');
38 Route::put('/anggota/{id}', 'Anggota_controller@update')->middleware('jwt.verify');
39 Route::delete('/anggota/{id}', 'Anggota_controller@delete')->middleware('jwt.verify');

Ln 39, Col 86 Spaces: 4 UTF-8 LF PHP

File Edit Selection View Go Debug Terminal Help Anggota_controller.php - Visual Studio Code
Buku_controller.php Anggota_controller.php x api.php
C:\Zulfa_XRPL2_40> htdocs> Delta-01> app> Http> Controllers> Anggota_controller.php
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6 use App\Anggota_model;
7
8 class Anggota_controller extends Controller
9 {
10     public function index(){
11         $buku=Anggota_model::all();
12
13         $data=['buku'=>$buku];
14         return $data;
15
16         if(Auth::user()->level=="admin"){
17             $dt_buku=Anggota_Model::get();
18         }else{
19             return response()->json(['status'=>'no admin']);
20         }
21     }
22
23     public function create(Request $request){
24         $buku= new Anggota_model();
25         $buku->nama_anggota=$request->nama_anggota;
26         $buku->alamat=$request->alamat;
27         $buku->telp=$request->telp;
28         $buku->save();
29
30         return "data tersimpan";
31     }
32 }
```

```
File Edit Selection View Go Debug Terminal Help Anggota_controller.php - Visual Studio Code
Buku_controller.php Anggota_controller.php x api.php
C:\Zulfa_XRPL2_40 > httools > Delta-01 > app > Http > Controllers > Anggota_controller.php
33 public function update(Request $request, $id){
34     $buku=Anggota_model::find($id);
35     $buku->nama_anggota=$request->nama_anggota;
36     $buku->alamat=$request->alamat;
37     $buku->telpon=$request->telpon;
38     $buku->save();
39
40     return "data terupdate";
41 }
42
43 public function delete($id){
44     $buku=Anggota_model::find($id);
45     $buku->delete();
46     return "data terhapus";
47 }
48
49 public function detail($id){
50     $buku=Anggota_model::find($id);
51
52     return $buku;
53 }
54
55 public function book() {
56     $data = "Data All Book";
57     return response()->json($data, 200);
58 }
59
60 public function bookAuth() {
61     $data = "Welcome " . Auth::user()->name;
62     return response()->json($data, 200);
63 }
64 }
```

```
File Edit Selection View Go Debug Terminal Help Buku_controller.php - Visual Studio Code
Buku_controller.php x Anggota_controller.php api.php
C:\Zulfa_XRPL2_40 > httools > Delta-01 > app > Http > Controllers > Buku_controller.php
4
5 use Illuminate\Http\Request;
6 use Auth;
7 use App\Buku_model;
8
9 class Buku_controller extends Controller
10 {
11     public function index(){
12         $buku=buku_model::all();
13
14         $data=[ 'buku'=>$buku];
15         return $data;
16
17         if(Auth::user()->level=="admin"){
18             $dt_buku=buku_model::get();
19         }else{
20             return response()->json(['status'=>'no admin']);
21         }
22     }
23
24     public function create(Request $request){
25         $buku= new buku_model();
26         $buku->judul=$request->judul;
27         $buku->penerbit=$request->penerbit;
28         $buku->pengarang=$request->pengarang;
29         $buku->save();
30
31         return "data tersimpan";
32     }
33 }
```

```
File Edit Selection View Go Debug Terminal Help Buku_controller.php - Visual Studio Code
Buku_controller.php x Anggota_controller.php api.php
C:\Zulfa_XRPL2_40 > httools > Delta-01 > app > Http > Controllers > Buku_controller.php
34 public function update(Request $request, $id){
35     $buku=buku_model::find($id);
36     $buku->judul=$request->judul;
37     $buku->penerbit=$request->penerbit;
38     $buku->pengarang=$request->pengarang;
39     $buku->save();
40
41     return "data terupdate";
42 }
43
44 public function delete($id){
45     $buku=buku_model::find($id);
46     $buku->delete();
47     return "data terhapus";
48 }
49
50 public function detail($id){
51     $buku=buku_model::find($id);
52
53     return $buku;
54 }
55
56 public function book() {
57     $data = "Data All Book";
58     return response()->json($data, 200);
59 }
60
61 public function bookAuth() {
62     $data = "Welcome " . Auth::user()->name;
63     return response()->json($data, 200);
64 }
65 }
```