

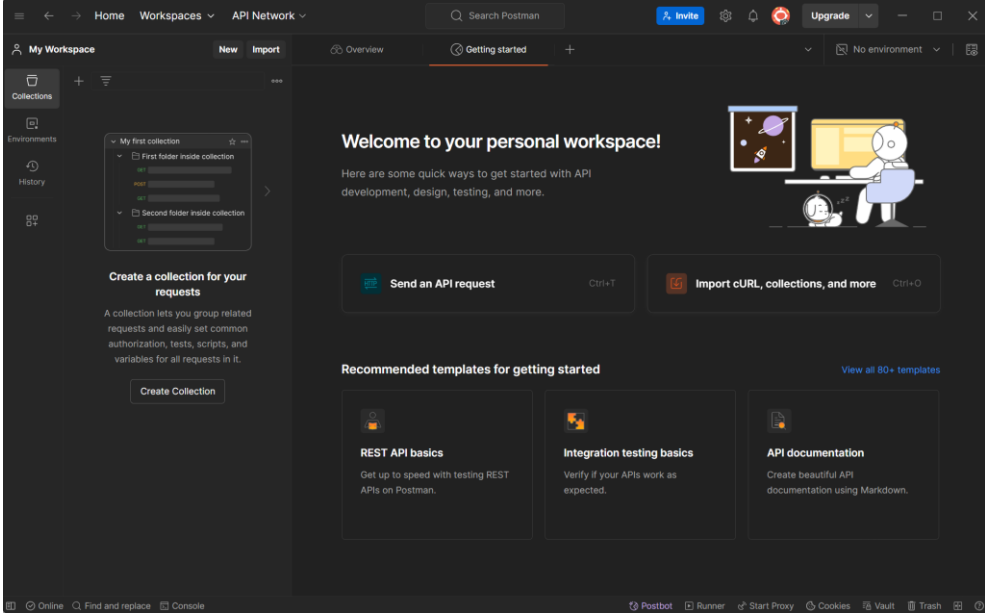


Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-10: RESTFUL API
Mata Kuliah Pemrograman Web Lanjut
Mei 2024

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Kelas	:	TI – 2H

Tulislah Jawaban Pada Kolom Yang tersedia di bawah ini :

LEMBAR JAWABAN JOBSHEET-10

Soal No	Jawaban
A	Membuat Restful API Register
1	
2	<pre>PS C:\laragon\www\PWL_POS> composer require tymon/jwt-auth:2.1.1 ./composer.json has been updated Running composer update tymon/jwt-auth Loading composer repositories with package information Updating dependencies Lock file operations: 4 installs, 0 updates, 0 removals - Locking lcobucci/clock (2.2.0) - Locking lcobucci/jwt (4.0.4) - Locking stella-maris/clock (0.1.7) - Locking tymon/jwt-auth (2.1.1) Writing lock file Installing dependencies from lock file (including require-dev) Package operations: 4 installs, 0 updates, 0 removals - Downloading stella-maris/clock (0.1.7)</pre>
3	<pre>PS C:\laragon\www\PWL_POS> php artisan vendor:publish --provider="Tymon\JWTAuth\Providers\LaravelServiceProvider" INFO Publishing assets. Copying file [C:\laragon\www\PWL_POS\vendor\tymon\jwt-auth\config\config.php] to [C:\laragon\www\PWL_POS\config\jwt.php] DONE PS C:\laragon\www\PWL_POS></pre>



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4	<div><div><div>▼ PWL_POS</div><div>▼ config</div><div>jwt.php U</div><div>logging.php</div><div>mail.php</div><div>queue.php</div><div>sanctum.php</div><div>services.php</div><div>session.php</div><div>view.php</div><div>> database</div><div>> lang</div><div>> Laporan Praktikum</div><div>> node_modules</div><div>> public</div><div>▼ resources</div><div>> css</div><div>▼ js</div><div>JS app.js</div><div>JS bootstrap.js</div><div>▼ sass</div><div>_variables.scss</div></div><div>config > jwt.php</div><div><pre>1 <?php 2 3 /* 4 * This file is part of jwt-auth. 5 * 6 * (c) Sean Tymon <tymon148@gmail.com> 7 * 8 * For the full copyright and license information, please view the 9 * file that was distributed with this source code. 10 */ 11 12 return [13 14 /* 15 ----- 16 JWT Authentication Secret 17 ----- 18 19 Don't forget to set this in your .env file, as it will be us 20 your tokens. A helper command is provided for this: 21 `php artisan jwt:secret` 22 23 Note: This will be used for Symmetric algorithms only (HMAC) 24 since RSA and ECDSA use a private/public key combo (See belo 25 ----- 26 */</pre></div></div>
5	<pre>PS C:\laragon\www\PWL_POS> php artisan jwt:secret jwt-auth secret [LIo7YabvLXOUqLwQ1ElLIVJNaBM7EmpRjkII1poh7ceOfIlVLwkZNIlnpcrA4s4] set successfully. PS C:\laragon\www\PWL_POS></pre>
6	<pre>38 'guards' => [39 'web' => [40 'driver' => 'session', 41 'provider' => 'users', 42], 43 'api' => [44 'driver' => 'jwt', 45 'provider' => 'users', 46], 47],</pre>
7	<pre>13 class UserModel extends Authenticatable implements JWTSubject 14 { 15 public function getJWTIdentifier() { 16 return \$this->getKey(); 17 } 18 19 public function getJWTCustomClaims() { 20 return []; 21 } 22 23 protected \$table = 'm_user'; 24 protected \$primaryKey = 'user_id';</pre>
8	<pre>PS C:\laragon\www\PWL_POS> php artisan jwt:secret jwt-auth secret [LIo7YabvLXOUqLwQ1ElLIVJNaBM7EmpRjkII1poh7ceOfIlVLwkZNIlnpcrA4s4] set successfully. PS C:\laragon\www\PWL_POS> php artisan make:controller Api/RegisterController INFO Controller [C:\laragon\www\PWL_POS\app\Http\Controllers\Api/RegisterController.php] created successfully. PS C:\laragon\www\PWL_POS></pre>



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9	<pre>app > Http > Controllers > Api > RegisterController.php > PHP IntelliSense > RegisterController > __invoke 1 <?php 2 3 namespace App\Http\Controllers\Api; 4 5 use App\Http\Controllers\Controller; 6 use Illuminate\Http\Request; 7 use App\Models\UserModel; 8 use Illuminate\Support\Facades\Validator; 9 10 class RegisterController extends Controller 11 { 12 public function __invoke(Request \$request) 13 { 14 // set validation 15 \$validator = Validator::make(\$request->all(), [16 'username' => 'required', 17 'nama' => 'required', 18 'password' => 'required min:5 confirmed', 19 'level_id' => 'required' 20]); 21 22 //if validations fails 23 if (\$validator->fails()) { 24 return response()->json(\$validator->errors(), 422); 25 } 26 } 27 }</pre>
10	<pre>18 Route::post('/register', App\Http\Controllers\Api\RegisterController::class)->name('register');</pre>
11	 <p>The screenshot shows a Postman interface for a POST request to <code>http://127.0.0.1:8000/api/register</code>. The response status is <code>422 Unprocessable Content</code> with a time of <code>212 ms</code> and a size of <code>470 B</code>. The response body is in JSON format, showing validation errors for the <code>username</code>, <code>nama</code>, <code>password</code>, and <code>level_id</code> fields.</p> <pre>1 { 2 "username": [3 "The username field is required." 4], 5 "nama": [6 "The nama field is required." 7], 8 "password": [9 "The password field is required." 10], 11 "level_id": [12 "The level id field is required." 13] 14 }</pre>



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http://127.0.0.1:8000/api/register

POST http://127.0.0.1:8000/api/register

Params Authorization Headers (8) Body Scripts Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value	Description
username	penggunasatu	
nama	Pengguna 1	
password	12345	
password_confirmation	12345	
level_id	2	

Body Cookies Headers (9) Test Results 201 Created 569 ms 534 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "user": {
4     "username": "penggunasatu",
5     "nama": "Pengguna 1",
6     "password": "$2y$12$Cv5mixaL68qXVH1kHsrTqeBat4XNzfoEE02GUAe181dDAemsMmq8G",
7     "level_id": "2",
8     "updated_at": "2024-05-08T04:15:23.000000Z",
9     "created_at": "2024-05-08T04:15:23.000000Z",
10    "user_id": 20
11  }
12 }
```

Dengan method post ini menambahkan data sesuai form-data yang diinputkan

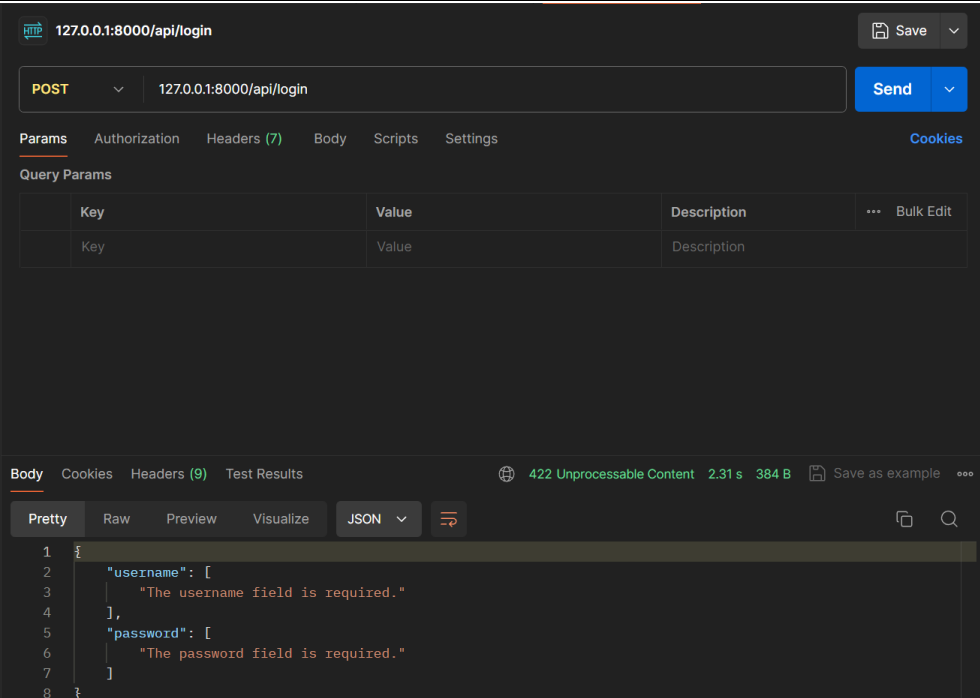


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13	
B	Membuat Restful API Login
1	



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2	<pre>app > Http > Controllers > Api > LoginController.php > PHP Intelephense > LoginController > __invoke 1 <?php 2 3 namespace App\Http\Controllers\Api; 4 5 use App\Http\Controllers\Controller; 6 use Illuminate\Http\Request; 7 use Illuminate\Support\Facades\Validator; 8 9 class LoginController extends Controller 10 { 11 public function __invoke(Request \$request) 12 { 13 //set validation 14 \$validator = Validator::make(\$request->all(), [15 'username' => 'required', 16 'password' => 'required' 17]); 18 19 //if validation fails 20 if (\$validator->fails()) { 21 return response()->json(\$validator->errors(), 422); 22 } 23 24 //get credentials from request 25 \$credentials = \$request->only('username', 'password');</pre>
3	<pre>19 Route::post('/register', App\Http\Controllers\Api\RegisterController::class)->name('register'); 20 Route::post('/login', App\Http\Controllers\Api>LoginController::class)->name('login'); 21 Route::middleware('auth:api')->get('/user', function (Request \$request) { 22 return \$request->user(); 23 });</pre>
4	 <p>The screenshot shows a Postman interface for a POST request to <code>127.0.0.1:8000/api/login</code>. The response is a JSON object with the following structure:</p> <pre>{ "username": ["The username field is required."], "password": ["The password field is required."] }</pre>



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127.0.0.1:8000/api/login

POST 127.0.0.1:8000/api/login

Params Authorization Headers (8) Body Scripts Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> username	Text penggunasatu			
<input checked="" type="checkbox"/> password	Text 12345			
Key	Text Value	Description		

Body Cookies Headers (9) Test Results 200 OK 2.38 s 855 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "user": {
4     "user_id": 20,
5     "level_id": 2,
6     "username": "penggunasatu",
7     "nama": "Pengguna 1",
8     "password": "$2y$12$Cv5mixaL68qXVH1kHsrTqeBat4XNzfoEE02GUAe181dDAemsMmq8G",
9     "created_at": "2024-05-08T04:15:23.000000Z",
10    "updated_at": "2024-05-08T04:15:23.000000Z"
11  },
12  "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.
```

Dengan method post ini melakukan pengiriman data pada login

6

127.0.0.1:8000/api/login

POST 127.0.0.1:8000/api/login

Params Authorization Headers (8) Body Scripts Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> username	Text penggunadua			
<input checked="" type="checkbox"/> password	Text 12345			
Key	Text Value	Description		

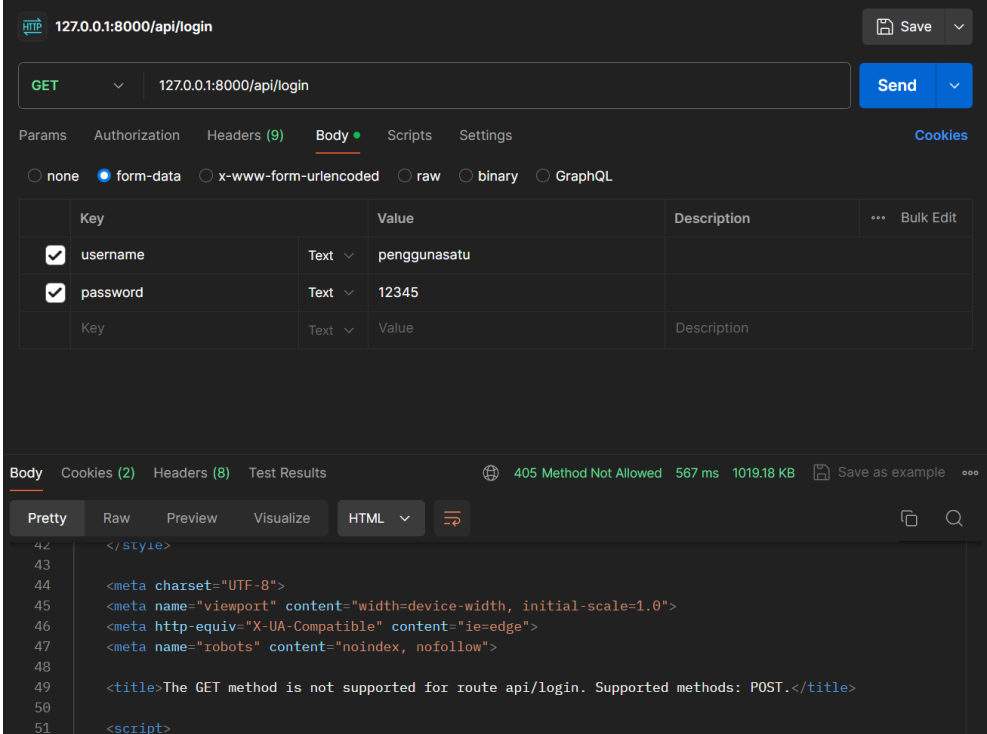
Body Cookies Headers (9) Test Results 401 Unauthorized 449 ms 343 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": false,
3   "message": "Username atau Password Anda salah"
4 }
```



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	Dengan method post ini melakukan pengiriman data pada login, akan tetapi data yang dimasukkan salah
7	<div><p>The screenshot shows a REST client interface. The URL is <code>127.0.0.1:8000/api/login</code>. The method is set to <code>GET</code>. The request body is empty. The response is a <code>405 Method Not Allowed</code> error. The response body is an HTML document with the following content:</p><pre></style> <meta charset="UTF-8"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <meta http-equiv="X-UA-Compatible" content="ie=edge"> <meta name="robots" content="noindex, nofollow"> <title>The GET method is not supported for route api/login. Supported methods: POST.</title> <script></pre></div> <p>Terdapat error dikarenakan menggunakan method get pada url yang menggunakan method post, sehingga data tidak terkirimkan.</p>

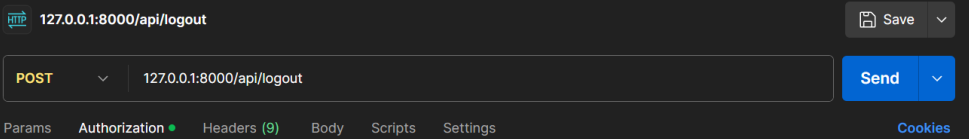


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8	
C	Membuat Restful API Logout
1	<pre>61 JWT_SECRET=Lio7YabvLX0UqLwQ1E1LIVJNaBM7EmpRjkII1poh7ceOfIIVLwkZNI1vnpCrA4s4 62 JWT_SHOW_BLACKLIST_EXCEPTION=true</pre>
2	<pre>PS C:\laragon\www\PWL_POS> php artisan make:controller Api/LogoutController INFO Controller [C:\laragon\www\PWL_POS\app\Http\Controllers\Api\LogoutController.php] created successfully. PS C:\laragon\www\PWL_POS></pre>



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3	<pre>app > Http > Controllers > Api > LogoutController.php > ... 1 <?php 2 3 namespace App\Http\Controllers\Api; 4 5 use App\Http\Controllers\Controller; 6 use Illuminate\Http\Request; 7 use Tymon\JWTAuth\Facades\JWTAuth; 8 use Tymon\JWTAuth\Exceptions\JWTException; 9 use Tymon\JWTAuth\Exceptions\TokenExpiredException; 10 use Tymon\JWTAuth\Exceptions\TokenInvalidException; 11 12 class LogoutController extends Controller 13 { 14 public function __invoke(Request \$request) 15 { 16 //remove token 17 \$removeToken = JWTAuth::invalidate(JWTAuth::getToken()); 18 19 if (\$removeToken) { 20 //return response JSON 21 return response()->json([22 'success' => true, 23 'message' => 'Logout Berhasil!', 24]); 25 } 26 } 27 }</pre>
4	<pre>19 Route::post('/register', App\Http\Controllers\Api\RegisterController::class)->name('register'); 20 Route::post('/login', App\Http\Controllers\Api>LoginController::class)->name('login'); 21 Route::middleware('auth:api')->get('/user', function (Request \$request) { 22 return \$request->user(); 23 }); 24 Route::post('/logout', App\Http\Controllers\Api\LogoutController::class)->name('logout');</pre>
5	



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The screenshot shows a REST client interface with the following details:

- URL:** 127.0.0.1:8000/api/logout
- Method:** POST
- Authorization:** Bearer Token. The token value is partially visible: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUz1NiJ9.eyJ...
- Response:** 200 OK, 366 ms, 315 B. The response body is:

```
{  "success": true,  "message": "Logout Berhasil!"}
```

Dengan method post ini melakukan pengiriman data pada logout



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7	
D	Implementasi CRUD dalam Restful API
1	<pre>PS C:\laragon\www\PWL_POS> php artisan make:controller Api/LevelController INFO Controller [C:\laragon\www\PWL_POS\app\Http\Controllers\Api\LevelController.php] created successfully. PS C:\laragon\www\PWL_POS></pre>



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2	<pre>app > Http > Controllers > Api > LevelController.php > PHP Intelephense > LevelController > destroy 1 <?php 2 3 namespace App\Http\Controllers\Api; 4 5 use App\Http\Controllers\Controller; 6 use Illuminate\Http\Request; 7 use App\Models\LevelModel; 8 9 class LevelController extends Controller 10 { 11 public function index() 12 { 13 return LevelModel::all(); 14 } 15 16 public function store(Request \$request) 17 { 18 \$level = LevelModel::create(\$request->all()); 19 return response()->json(\$level, 201); 20 } 21 22 public function show(LevelModel \$level) 23 { 24 return response()->json(\$level, 200); 25 } 26 }</pre>
3	<pre>27 Route::get('levels', [LevelController::class, 'index']); 28 Route::post('levels', [LevelController::class, 'store']); 29 Route::get('levels/{level}', [LevelController::class, 'show']); 30 Route::put('levels/{level}', [LevelController::class, 'update']); 31 Route::delete('levels/{level}', [LevelController::class, 'destroy']);</pre>



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4

127.0.0.1:8000/api/levels

GET 127.0.0.1:8000/api/levels

Params Authorization Headers (7) Body Scripts Settings Cookies

Query Params

Key	Value	Description	...	Bulk Edit
Key	Value	Description		

Body Cookies (2) Headers (9) Test Results 200 OK 391 ms 814 B Save as example

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "level_id": 1,
4     "level_kode": "ADM",
5     "level_nama": "Admin",
6     "created_at": null,
7     "updated_at": null
8   },
9   {
10    "level_id": 2,
11    "level_kode": "MNG",
12    "level_nama": "Manager",
```

Dengan method get ini menampilkan semua data pada table levels

5

127.0.0.1:8000/api/levels

POST 127.0.0.1:8000/api/levels

Params Authorization Headers (9) Body Scripts Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> level_kode	Text SPV			
<input checked="" type="checkbox"/> level_nama	Text Supervisor			
Key	Text Value	Description		

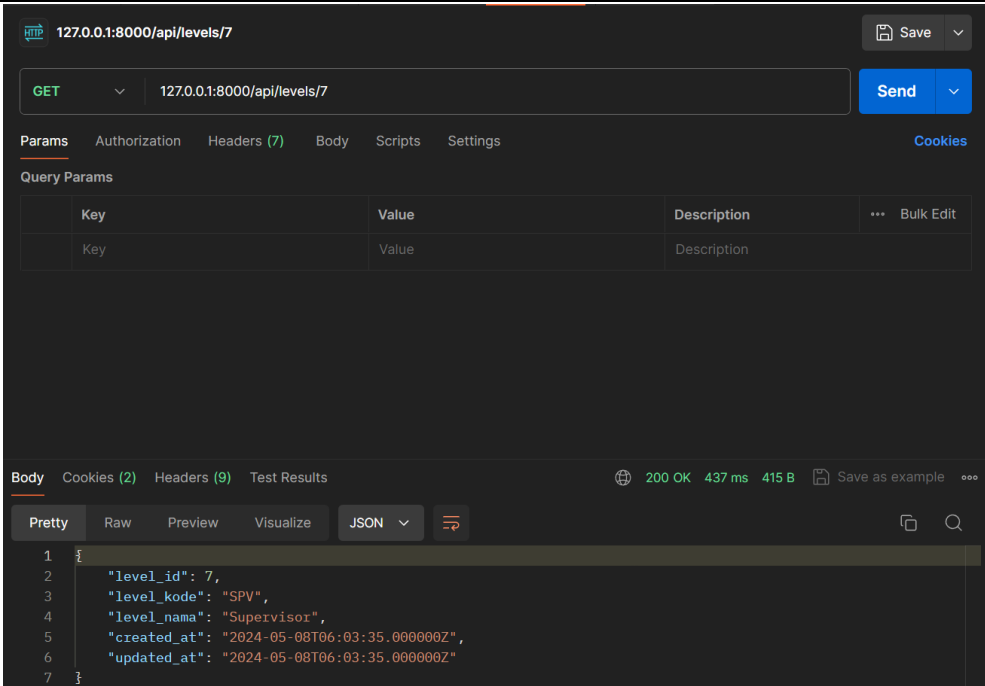
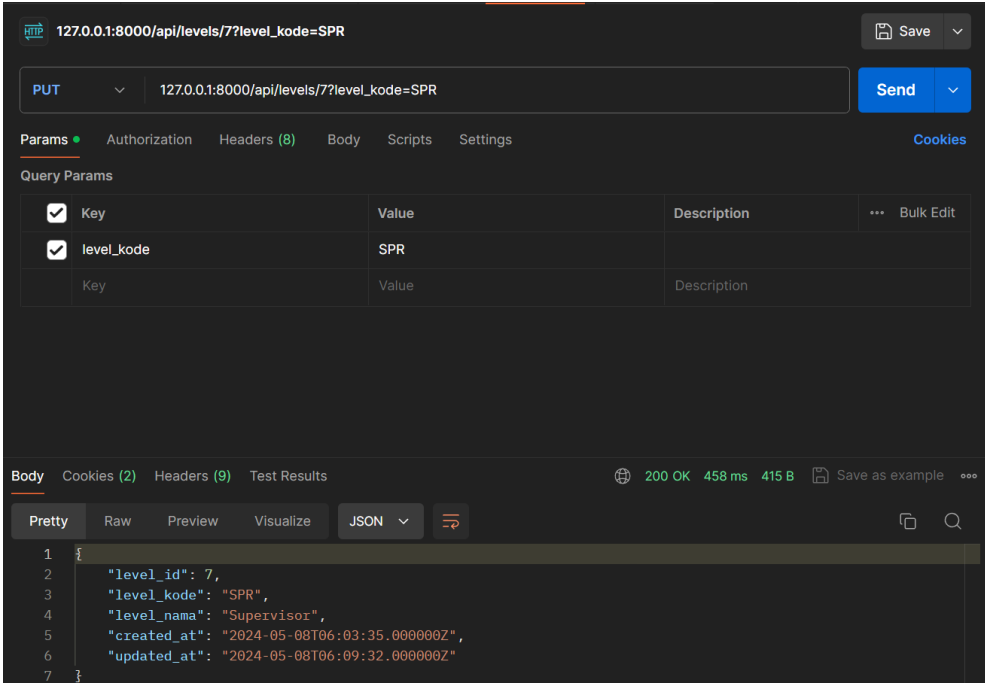
Body Cookies (2) Headers (9) Test Results 201 Created 434 ms 420 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "level_kode": "SPV",
3   "level_nama": "Supervisor",
4   "updated_at": "2024-05-08T06:03:35.000000Z",
5   "created_at": "2024-05-08T06:03:35.000000Z",
6   "level_id": 7
7 }
```

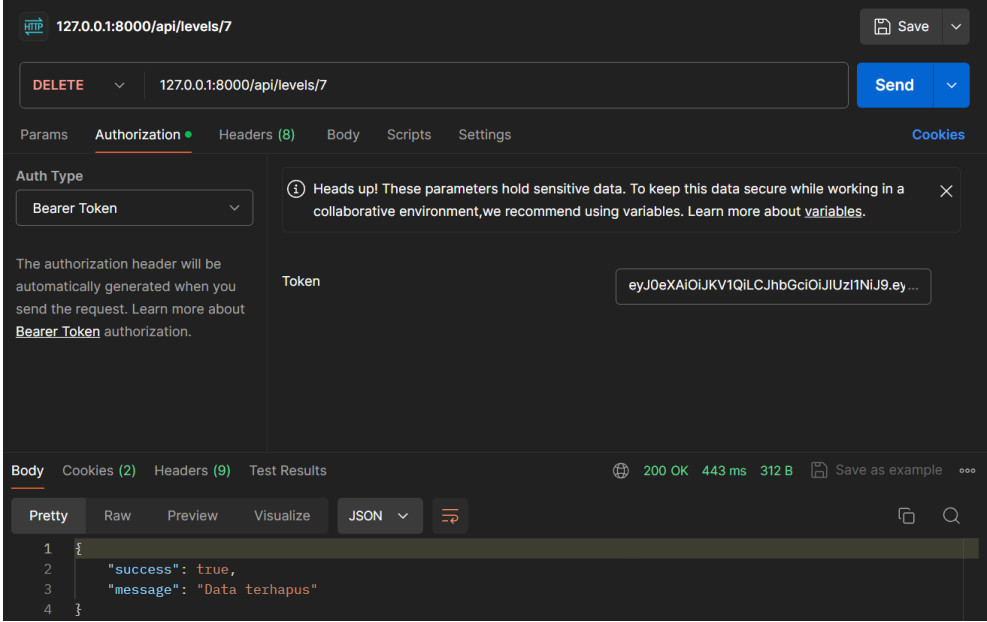


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	Dengan method post ini memberikan inputan pada table levels
6	 <p>Dengan method get ini menampilkan data pada tabel levels dengan levels 7</p>
7	

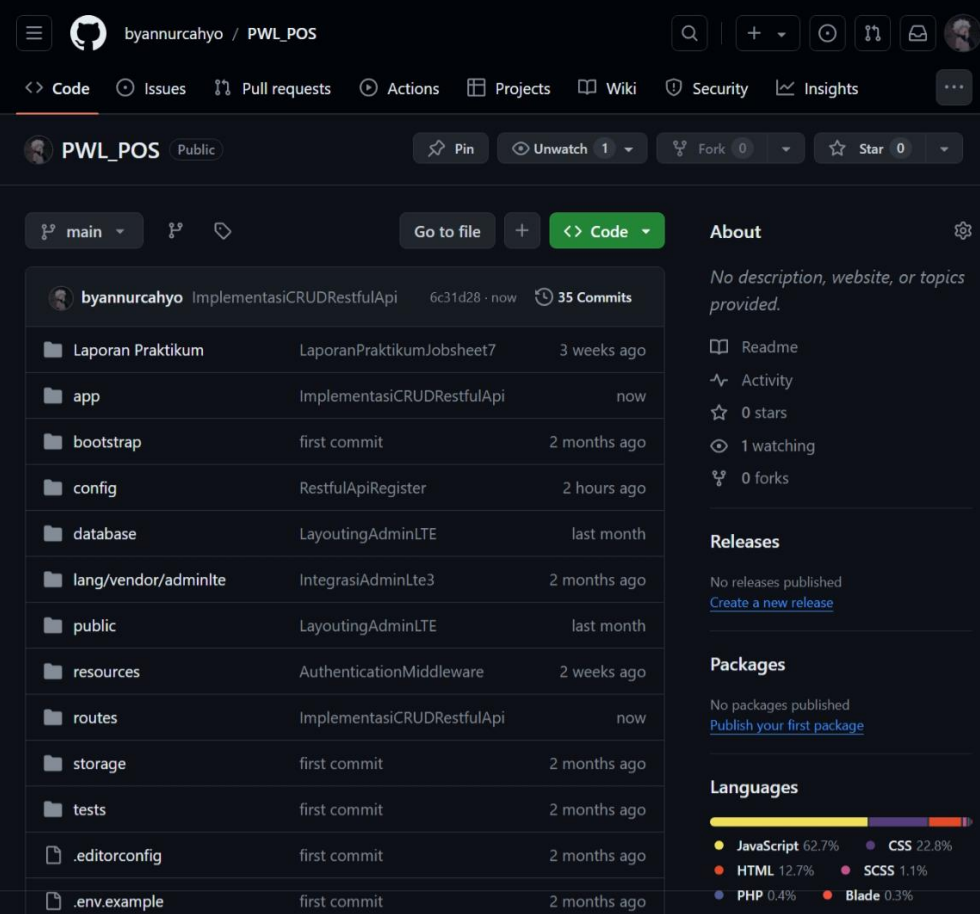


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	Dengan method put ini melakukan update pada table levels dengan level_id 7 melakukan perubahan pada level_kode menjadi 'SPR'
8	<div></div> <p>Dengan method delete melakukan penghapusan data pada table levels dengan level_id 7</p>



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9	
Tugas	Implementasi CRUD API
a)	m_user
	<pre>PS C:\laragon\www\PWL_POS> php artisan make:controller Api/UserController INFO Controller [C:\laragon\www\PWL_POS\app\Http\Controllers\Api\UserController.php] created successfully. PS C:\laragon\www\PWL_POS></pre>



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	<pre>app > Http > Controllers > Api > UserController.php > PHP Intelephense > UserController 1 <?php 2 3 namespace App\Http\Controllers\Api; 4 5 use App\Http\Controllers\Controller; 6 use Illuminate\Http\Request; 7 use App\Models\UserModel; 8 9 class UserController extends Controller 10 { 11 public function index() 12 { 13 return response()->json([14 'status_code' => 200, 15 'data' => UserModel::with('level')->get() 16]); 17 } 18 19 public function store(Request \$request) 20 { 21 \$request->validate([22 'level_id' => 'required', 23 'username' => 'required unique:m_user', 24 'nama' => 'required', 25 'password' => 'required' 26]); 27 } 28 }</pre>
	<pre>34 Route::get('users', [UserController::class, 'index']); 35 Route::post('users', [UserController::class, 'store']); 36 Route::get('users/{user}', [UserController::class, 'show']); 37 Route::put('users/{user}', [UserController::class, 'update']); 38 Route::delete('users/{user}', [UserController::class, 'destroy']);</pre>



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- Get

127.0.0.1:8000/api/users

GET 127.0.0.1:8000/api/users

Params Authorization Headers (8) Body Scripts Settings Cookies

Auth Type: Bearer Token

Token: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ...

Body: Cookies (2) Headers (9) Test Results 200 OK 241 ms 3.76 KB

```
1 {
2   "status_code": 200,
3   "data": [
4     {
5       "user_id": 1,
6       "level_id": 1,
7       "username": "admin",
8       "nama": "Administrator",
9       "password": "$2y$12$VzjGd.Y9.tWYuCpDhUx0z.ZHV0pXxv.PghDtd5VYFpNHhag0JMv3W",
10      "created_at": null,
11      "updated_at": "2024-04-24T06:42:23.000000Z",
12      "level": {
```

- Post

127.0.0.1:8000/api/users

POST 127.0.0.1:8000/api/users

Params Authorization Headers (9) Body Scripts Settings Cookies

Body: form-data

Key	Value	Description
level_id	2	
username	accloxt	
nama	BryanNC	
password	12345	

Body: Cookies (2) Headers (9) Test Results 200 OK 417 ms 523 B

```
1 {
2   "status_code": 201,
3   "data": {
4     "level_id": "2",
5     "username": "accloxt",
6     "nama": "BryanNC",
7     "password": "$2y$12$BpKPI3o1zzKzUzjU9tebfut9T0z.k1c5uyGfJ3s6I10ENR3wyx1T6",
8     "created_at": "2024-05-08T07:23:29.000000Z",
9     "updated_at": "2024-05-08T07:23:29.000000Z",
10    "user_id": 21
11  }
12 }
```



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- Put

127.0.0.1:8000/api/users/21?nama=Bryan Nur Cahyo

PUT 127.0.0.1:8000/api/users/21?nama=Bryan Nur Cahyo

Params Authorization Headers (9) Body Scripts Settings Cookies

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

Key	Value	Description
level_id	Text 2	
username	Text accloxt	
nama	Text BryanNC	
password	Text 12345	

Body Cookies (2) Headers (9) Test Results 200 OK 277 ms 529 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_code": 200,
3   "data": {
4     "user_id": 21,
5     "level_id": 2,
6     "username": "accloxt",
7     "nama": "Bryan Nur Cahyo",
8     "password": "$2y$12$8pKPI3o1zzKzUZjU9tebfut9T0z.k1c5uyGfJ3s6I10ENR3wyx1T6",
9     "created_at": "2024-05-08T07:23:29.000000Z",
10    "updated_at": "2024-05-08T07:30:09.000000Z"
11  }
12 }
```

- Delete

Getting started 8000/api/users/21

DELETE 127.0.0.1:8000/api/users/21

Params Authorization Headers (10) Body Scripts Settings Cookies

Auth Type Bearer Token

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about variables.

Token eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ...

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

Body Cookies (2) Headers (9) Test Results 200 OK 231 ms 330 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_code": 204,
3   "success": true,
4   "message": "Data terhapus"
5 }
```



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b)	m_kategori
	<pre>PS C:\laragon\www\PWL_POS> php artisan make:controller Api/KategoriController INFO Controller [C:\laragon\www\PWL_POS\app\Http\Controllers\Api\KategoriController.php] created successfully. PS C:\laragon\www\PWL_POS></pre>
	<pre>app > Http > Controllers > Api > KategoriController.php > PHP Intelephense > KategoriController > show 1 <?php 2 3 namespace App\Http\Controllers\Api; 4 5 use App\Http\Controllers\Controller; 6 use Illuminate\Http\Request; 7 use App\Models\KategoriModel; 8 9 class KategoriController extends Controller 10 { 11 public function index() 12 { 13 \$kategoris = KategoriModel::with('barang')->get(); 14 15 return response()->json([16 'status_code' => 200, 17 'data' => \$kategoris 18]); 19 } 20 21 public function store(Request \$request) 22 { 23 \$kategori = KategoriModel::create([24 'kategori_code' => \$request->kategori_code, 25 'kategori_nama' => \$request->kategori_nama, 26]);</pre>
	<pre>41 Route::get('kategori', [KategoriController::class, 'index']); 42 Route::post('kategori', [KategoriController::class, 'store']); 43 Route::get('kategori/{kategori}', [KategoriController::class, 'show']); 44 Route::put('kategori/{kategori}', [KategoriController::class, 'update']); 45 Route::delete('kategori/{kategori}', [KategoriController::class, 'destroy']);</pre>



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- Get

127.0.0.1:8000/api/kategori

GET 127.0.0.1:8000/api/kategori

Params Authorization Headers (10) Body Scripts Settings Cookies

Auth Type: Bearer Token

Token: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ...

Body: Cookies (2) Headers (9) Test Results

200 OK 261 ms 1.42 KB

```
1 {
2   "status_code": 200,
3   "data": [
4     {
5       "kategori_id": 1,
6       "kategori_kode": "AT",
7       "kategori_nama": "Alat Tulis",
8       "created_at": "2024-03-12T13:53:32.000000Z",
9       "updated_at": "2024-03-12T13:53:32.000000Z",
10      "barang": []
11    },
12  ]
13 }
```

- Post

127.0.0.1:8000/api/kategori

POST 127.0.0.1:8000/api/kategori

Params Authorization Headers (9) Body Scripts Settings Cookies

Body: form-data

Key	Value	Description
kategori_kode	MKR	
kategori_nama	Makanan Ringan	

Body: Cookies (2) Headers (9) Test Results

200 OK 281 ms 455 B

```
1 {
2   "status_code": 201,
3   "data": {
4     "kategori_kode": "MKR",
5     "kategori_nama": "Makanan Ringan",
6     "updated_at": "2024-05-08T08:15:41.000000Z",
7     "created_at": "2024-05-08T08:15:41.000000Z",
8     "kategori_id": 8
9   }
10 }
```



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- Put

127.0.0.1:8000/api/kategori/8?kategori_nama=Snack

PUT 127.0.0.1:8000/api/kategori/8?kategori_nama=Snack

Params Authorization Headers (9) Body Scripts Settings Cookies

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

Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> kategori_kode	Text MKR			
<input checked="" type="checkbox"/> kategori_nama	Text Makanan Ringan			
Key	Text Value	Description		

Body Cookies (2) Headers (9) Test Results 200 OK 211 ms 446 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_code": 200,
3   "data": {
4     "kategori_id": 8,
5     "kategori_kode": "MKR",
6     "kategori_nama": "Snack",
7     "created_at": "2024-05-08T08:15:41.000000Z",
8     "updated_at": "2024-05-08T08:18:46.000000Z"
9   }
10 }
```

- Delete

127.0.0.1:8000/api/kategori/8

DELETE 127.0.0.1:8000/api/kategori/8

Params Authorization Headers (10) Body Scripts Settings Cookies

Auth Type Bearer Token

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about variables.

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

Token eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ...

Body Cookies (2) Headers (9) Test Results 200 OK 239 ms 334 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_code": 204,
3   "success": true,
4   "message": "Kategori terhapus"
5 }
```



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c)	m_barang
	<pre>PS C:\laragon\www\PWL_POS> php artisan make:controller Api/BarangController INFO Controller [C:\laragon\www\PWL_POS\app\Http\Controllers\Api\BarangController.php] created successfully. PS C:\laragon\www\PWL_POS></pre>
	<pre>app > Http > Controllers > Api > BarangController.php > PHP Intelephense > BarangController > show 1 <?php 2 3 namespace App\Http\Controllers\Api; 4 5 use App\Http\Controllers\Controller; 6 use Illuminate\Http\Request; 7 use App\Models\BarangModel; 8 9 class BarangController extends Controller 10 { 11 public function index() 12 { 13 \$barangs = BarangModel::with('kategori', 'stok')->get(); 14 15 return response()->json([16 'status_code' => 200, 17 'data' => \$barangs 18]); 19 } 20 21 public function store(Request \$request) 22 { 23 \$request->validate([24 'kategori_id' => 'required exists:m_kategori,kategori_id', 25 'barang_kode' => 'required unique:m_barang', 26 'barang_nama' => 'required',</pre>
	<pre>48 Route::get('barang', [BarangController::class, 'index']); 49 Route::post('barang', [BarangController::class, 'store']); 50 Route::get('barang/{barang}', [BarangController::class, 'show']); 51 Route::put('barang/{barang}', [BarangController::class, 'update']); 52 Route::delete('barang/{barang}', [BarangController::class, 'destroy']);</pre>



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- Get

127.0.0.1:8000/api/barang

GET 127.0.0.1:8000/api/barang

Params Authorization Headers (7) Body Scripts Settings Cookies

Query Params

Key	Value	Description	...	Bulk Edit
Key	Value	Description		

Body Cookies (2) Headers (9) Test Results 200 OK 256 ms 6.74 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_code": 200,
3   "data": [
4     {
5       "barang_id": 1,
6       "kategori_id": 1,
7       "barang_kode": "PNS",
8       "barang_nama": "Pensil",
9       "harga_beli": 3000,
10      "harga_jual": 5000,
11      "created_at": "2024-03-12T13:53:49.000000Z",
12      "updated_at": "2024-03-12T13:53:49.000000Z",
13    }
14  ]
15 }
```

- Post

127.0.0.1:8000/api/barang

POST 127.0.0.1:8000/api/barang

Params Authorization Headers (9) Body Scripts Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> barang_kode	Text PHS			
<input checked="" type="checkbox"/> barang_nama	Text Penghapus			
<input checked="" type="checkbox"/> kategori_id	Text 1			
<input checked="" type="checkbox"/> harga_beli	Text 2300			
<input checked="" type="checkbox"/> harga_jual	Text 3000			
Key	Value	Description		

Body Cookies (2) Headers (9) Test Results 200 OK 188 ms 503 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_code": 201,
3   "data": {
4     "barang_kode": "PHS",
5     "barang_nama": "Penghapus",
6     "kategori_id": "1",
7     "harga_beli": "2300",
8     "harga_jual": "3000",
9     "updated_at": "2024-05-08T08:27:22.000000Z",
10    "created_at": "2024-05-08T08:27:22.000000Z",
11    "barang_id": 13
12  }
13 }
```



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- Put

127.0.0.1:8000/api/barang/13?barang_kode=PNG

PUT 127.0.0.1:8000/api/barang/13?barang_kode=PNG

Params Authorization Headers (9) Body Scripts Settings Cookies

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

Key	Value	Description
barang_kode	Text PHS	
barang_nama	Text Penghapus	
kategori_id	Text 1	
harga_beli	Text 2300	
harga_jual	Text 3000	

Body Cookies (2) Headers (9) Test Results 200 OK 236 ms 497 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_code": 200,
3   "data": {
4     "barang_id": 13,
5     "kategori_id": 1,
6     "barang_kode": "PNG",
7     "barang_nama": "Penghapus",
8     "harga_beli": 2300,
9     "harga_jual": 3000,
10    "created_at": "2024-05-08T08:27:22.000000Z",
11    "updated_at": "2024-05-08T08:29:13.000000Z"
12  }
```

- Delete

127.0.0.1:8000/api/barang/13

DELETE 127.0.0.1:8000/api/barang/13

Params Authorization Headers (10) Body Scripts Settings Cookies

Auth Type: Bearer Token

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about variables.

The authorization header will be automatically generated when you send the request. Learn more about Bearer Token authorization.

Token: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ...

Body Cookies (2) Headers (9) Test Results 200 OK 224 ms 332 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_code": 204,
3   "success": true,
4   "message": "Barang terhapus"
5 }
```



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byannurcahyo / PWL_POS

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

PWL_POS

Public

Pin

Unwatch 1

Fork 0

Star 0

main

Go to file

<> Code

byannurcahyo

CRUDFullrestApi

999aeb3 · now

36 Commits

Laporan Praktikum

LaporanPraktikumJobsheet7

3 weeks ago

app

CRUDFullrestApi

now

bootstrap

first commit

2 months ago

config

RestfulApiRegister

4 hours ago

database

LayingoutAdminLTE

last month

lang/vendor/adminlte

IntegrasiAdminLte3

2 months ago

public

LayingoutAdminLTE

last month

resources

AuthenticationMiddleware

2 weeks ago

routes

CRUDFullrestApi

now

storage

first commit

2 months ago

tests

first commit

2 months ago

.editorconfig

first commit

2 months ago

.env.example

first commit

2 months ago

About

No description, website, or topics provided.

Readme

Activity

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Languages

JavaScript 62.6%

HTML 12.7%

PHP 0.5%

CSS 22.8%

SCSS 1.1%

Blade 0.3%

27 | Page