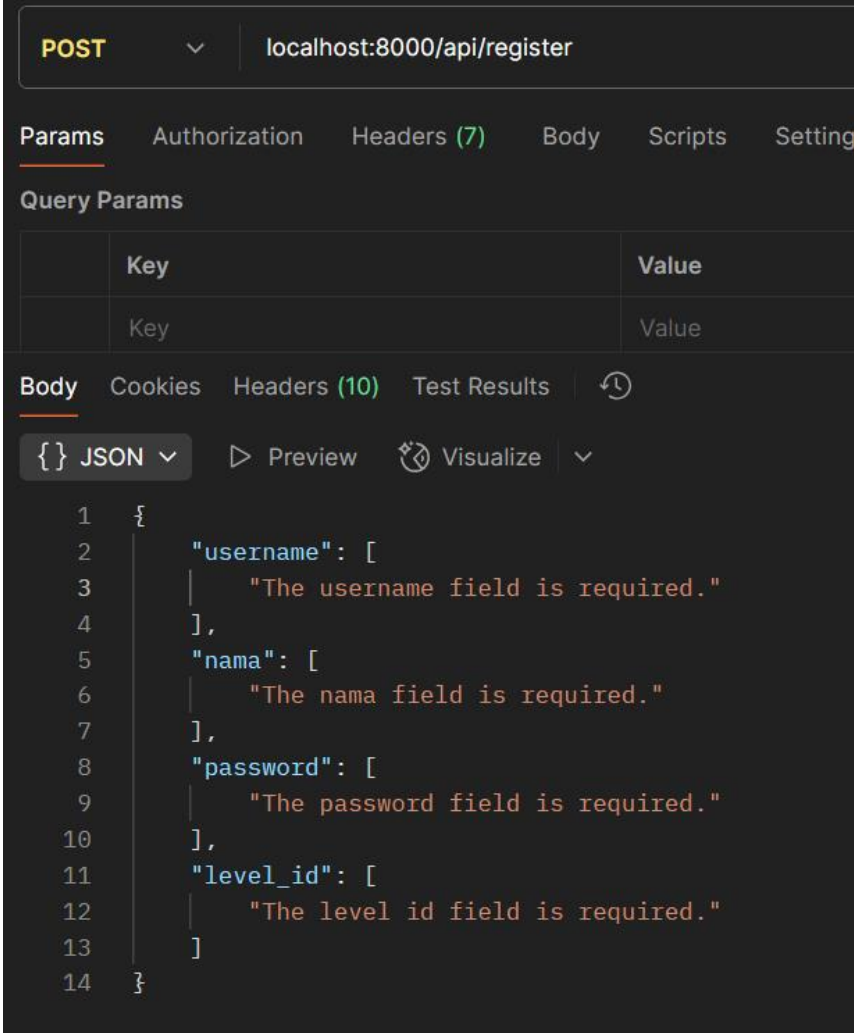




Mata Kuliah : Pemrograman Web Lanjut (PWL)
Program Studi : D4 – Teknik Informatika
Semester : 4

Kelas : TI 2A
NIM : 2341720234
Nama : Anya Callissta Chriswantari
Jobsheet Ke- : 10

Laporan Jobsheet

Langkah	Jawaban/Deskripsi
Praktikum 1 – Membuat RESTful API Register	
11.	 <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>



12.

POST ▼ localhost:8000/api/register

Params Auth Headers (8) **Body** ● Scripts Settings

form-data ▼

<input checked="" type="checkbox"/>	nama	Text ▼	Pengguna 1	
<input checked="" type="checkbox"/>	password	Text ▼	12345	
<input checked="" type="checkbox"/>	password_co...	Text ▼	12345	
<input checked="" type="checkbox"/>	level_id	Text ▼	2	
	Key	Text ▼	Value	Description

Body ▼ ↺ **201 Created** • 732 ms • 4

{} JSON ▼ ▶ Preview ↺ Visualize ▼ ≡ ≡

```
1  {
2    "success": true,
3    "user": {
4      "username": "penggunasatu",
5      "nama": "Pengguna 1",
6      "level_id": "2",
7      "updated_at": "2025-04-24T06:59:43.000000Z",
8      "created_at": "2025-04-24T06:59:43.000000Z",
9      "user_id": 7
10   }
```

Praktikum 2 - Membuat RESTful API Login



4.

POST ▼ localhost:8000/api/login

Params Authorization Headers (7) Body Scripts Settings

Query Params

	Key	Value
	Key	Value

Body Cookies Headers (10) Test Results ↺

{ } JSON ▼ ▶ Preview 🔍 Visualize ▼

```
1  {
2    "username": [
3      "The username field is required."
4    ],
5    "password": [
6      "The password field is required."
7    ]
8  }
```



5.

POST localhost:8000/api/login

Params Auth Headers (8) **Body** Scripts Settings

form-data

	Key		Value	Descri...
<input checked="" type="checkbox"/>	username	Text	penggunasatu	
<input checked="" type="checkbox"/>	password	Text	12345	
	Key	Text	Value	Descripti

Body 200 OK • 613 ms • 8

{} JSON Preview Visualize

```
1  {
2    "success": true,
3    "user": {
4      "user_id": 7,
5      "level_id": 2,
6      "username": "penggunasatu",
7      "nama": "Pengguna 1",
8      "created_at": "2025-04-24T06:59:43.000000Z",
9      "updated_at": "2025-04-24T06:59:43.000000Z",
10     "foto": null
11   }
12 }
```



6.

POST localhost:8000/api/login

Params Auth Headers (8) **Body** Scripts Settings

form-data

	Key	Value	Descri...
<input checked="" type="checkbox"/>	username	Text penggunasatu	
<input checked="" type="checkbox"/>	password	Text 123456	
	Key	Text Value	Descript

Body 401 Unauthorized 638 ms

{ } JSON Preview Visualize

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

7.

GET localhost/WebLanjut/MINGGU_10/PWL_POS/public/api/user

Params **Authorization** Headers (10) Body Scripts Settings

Auth Type: Bearer Token Token: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9...

Body Cookies (2) Headers (12) Test Results

{ } JSON Preview Visualize

```
1 {
2   "user_id": 1,
3   "level_id": 1,
4   "username": "admin",
5   "nama": "Administrator",
6   "created_at": null,
7   "updated_at": "2025-04-11T08:33:18.000000Z",
8   "foto": "1744360398_FqJHvKqaMAE5eIe.jpeg"
9 }
```

Pada langkah ini dijalankan url yang akan menjalankan route

```
Route::middleware('auth:api')->get('/user', function (Request $request) {
    return $request->user();
});
```

yang merupakan route bawaan laravel untuk mengembalikan data user yang sedang login menggunakan API token-based authentication.

Praktikum 3 - Membuat RESTful API Logout



6.

POST ▼ | localhost:8000/api/logout

Params **Auth** ● Headers (9) Body Scripts Settings

Auth Type

Bearer Token ▼

Token

The authorization header will be automatically generated when you send the request.

Body ▼ 🔄 **200 OK** • 132 ms • 35

{ } JSON ▼ ▶ Preview 🔍 Visualize ▼ ↺ ≡

```
1 {
2   "success": true,
3   "message": "Logout Berhasil!"
4 }
```

Praktikum 4 - Implementasi CRUD dalam RESTful API



4.

GET localhost:8000/api/levels Send

Params Auth Headers (7) Body Scripts Settings Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body 200 OK • 193 ms • 1001 B

JSON Preview Visualize

```
1  [
2    {
3      "level_id": 1,
4      "level_kode": "ADM",
5      "level_nama": "Administrator",
6      "created_at": null,
7      "updated_at": null
8    },
9    {
10     "level_id": 2,
11     "level_kode": "MNG",
12     "level_nama": "Manager",
13     "created_at": null,
14     "updated_at": "2025-04-13T07:14:34.000000Z"
15   },
16 ]
```

Pada langkah ini dijalankan url tersebut yang digunakan untuk menampilkan seluruh data level dari tabel m_level.



5.

POST localhost:8000/api/levels

Params Auth Headers (9) **Body** Scripts Settings

form-data

Key	Value	Description
level_nama	Supervisor V2	

Body 201 Created • 251 ms • 4

JSON Preview Visualize

```
1 {
2   "level_kode": "SPV2",
3   "level_nama": "Supervisor V2",
4   "updated_at": "2025-04-24T07:58:23.000000Z",
5   "created_at": "2025-04-24T07:58:23.000000Z",
6   "level_id": 7
7 }
```

Pada langkah ini dijalankan url tersebut dan dilakukan create data melalui form data, setelah dilakukan send maka data baru akan tersimpan.



6.

GET localhost:8000/api/levels/7

Params Auth Headers (9) **Body** Scripts Settings

form-data

	Key	Text	Value	Description
<input checked="" type="checkbox"/>	level_nama	Text	Supervisor V2	

Body 200 OK • 230 ms • 45

{ } JSON Preview Visualize

```
1 [
2   {
3     "level_id": 7,
4     "level_kode": "SPV2",
5     "level_nama": "Supervisor V2",
6     "created_at": "2025-04-24T07:58:23.000000Z",
7     "updated_at": "2025-04-24T07:58:23.000000Z"
8   }
9 ]
```

Pada langkah ini dijalankan url untuk menampilkan informasi level berdasarkan id yang dimasukkan.



7.

PUT localhost:8000/api/levels/7?level_kode=SPR

Params Auth Headers (9) Body Scripts Settings

<input checked="" type="checkbox"/>	Key	Value	Descri...
<input checked="" type="checkbox"/>	level_kode	SPR	
	Key	Value	Description

Body 200 OK • 211 ms • 4

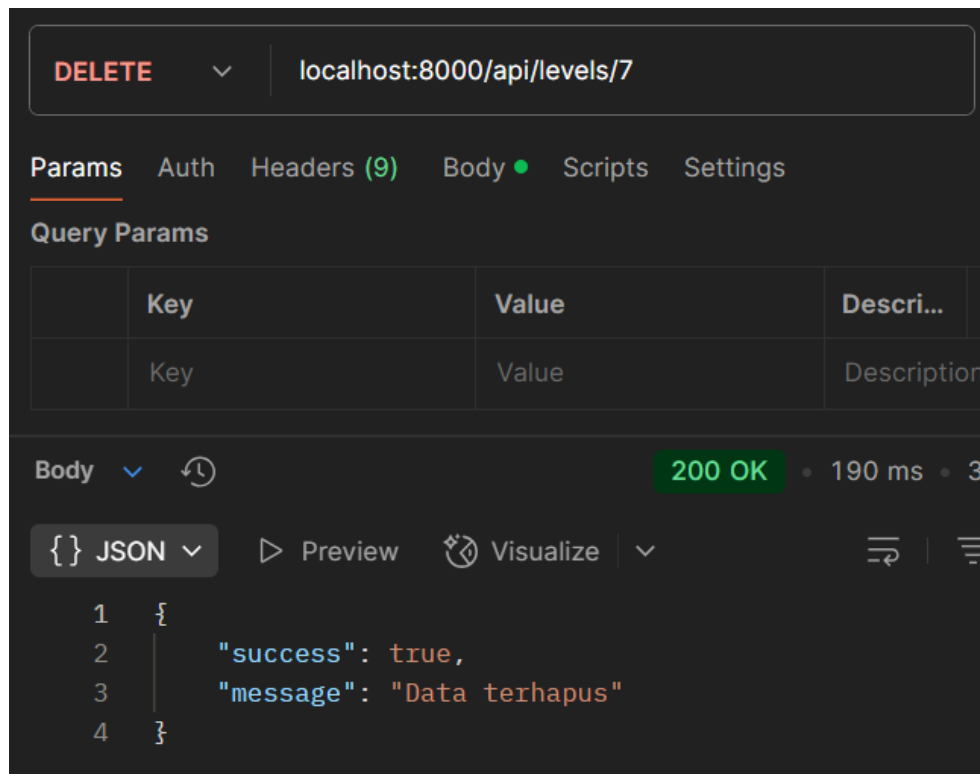
{ } JSON Preview Visualize

```
1 [
2   {
3     "level_id": 7,
4     "level_kode": "SPR",
5     "level_nama": "Supervisor V2",
6     "created_at": "2025-04-24T07:58:23.000000Z",
7     "updated_at": "2025-04-24T08:03:37.000000Z"
8   }
9 ]
```

Pada langkah ini dijalankan url untuk mengedit data level pada id tertentu, pada url dituliskan id level yang ingin diubah, lalu pengeditan data dilakukan melalui tab Param.



8.



Pada langkah ini dilakukan penghapusan data level pada id tertentu dengan memasukkan id level yang ingin dihapus pada url, setelah dilakukan send data akan terhapus dan menampilkan pesan tersebut.

Tugas

1. Implementasi CRUD user



GET localhost:8000/api/user Send

Params Auth Headers (7) Body Scripts Settings Cookies

Query Params

Key	Value	Descri...	Bulk Edit
Key	Value	Description	

Body 200 OK • 690 ms • 1.17 KB

JSON Preview Visualize

```
1 [
2   {
3     "user_id": 1,
4     "level_id": 1,
5     "username": "admin",
6     "nama": "Administrator",
7     "created_at": null,
8     "updated_at": "2025-04-11T08:33:18.000000Z",
9     "foto": "1744360398_FqJHvKqaMAE5eIe.jpeg"
10  },
```

POST localhost:8000/api/user

Params Auth Headers (9) Body Scripts Settings

form-data

<input checked="" type="checkbox"/>	password	Text	123456	
	Key	Text	Value	Description

Body 201 Created • 1.38 s • 4

JSON Preview Visualize

```
1 {
2   "level_id": "1",
3   "username": "adminnih",
4   "nama": "ini admin",
5   "updated_at": "2025-04-24T08:42:40.000000Z",
6   "created_at": "2025-04-24T08:42:40.000000Z",
7   "user_id": 9
8 }
```



GET localhost:8000/api/user/9

Params Auth Headers (9) **Body** Scripts Settings

form-data

<input checked="" type="checkbox"/>	username	Text	adminnih	
<input checked="" type="checkbox"/>	nama	Text	ini admin	
<input checked="" type="checkbox"/>	password	Text	123456	
	Key	Text	Value	Description

Body 200 OK • 499 ms • 6

{ } JSON Preview Visualize

```
11 {
12   "user_id": 9,
13   "level_id": 1,
14   "username": "adminnih",
15   "nama": "ini admin",
16   "created_at": "2025-04-24T08:42:40.000000Z",
17   "updated_at": "2025-04-24T08:42:40.000000Z",
18   "foto": null
19 }
```

PUT localhost:8000/api/user/9?nama=ini admin lah Send

Params Auth Headers (9) **Body** Scripts Settings Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Descri...	...	Bulk Edit
<input checked="" type="checkbox"/>	nama	ini admin lah			
	Key	Value	Description		

Body 200 OK • 585 ms • 650 B •

{ } JSON Preview Visualize

```
11 {
12   "user_id": 9,
13   "level_id": 1,
14   "username": "adminnih",
15   "nama": "ini admin lah",
16   "created_at": "2025-04-24T08:42:40.000000Z",
17   "updated_at": "2025-04-24T08:45:15.000000Z",
18   "foto": null
19 }
```



DELETE localhost:8000/api/user/9

Params Auth Headers (9) Body ● Scripts Settings

Query Params

	Key	Value	Descri...
	Key	Value	Descriptio

Body ▾ ↺ 200 OK • 507 ms • 3

{ } JSON ▾ ▶ Preview ↺ Visualize ▾ ↻ ⌵

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

Implementasi CRUD kategori

2.

GET localhost:8000/api/kategori

Params Auth Headers (7) Body Scripts Settings

Query Params

	Key	Value	Descri...
--	-----	-------	-----------

Body ▾ ↺ 200 OK • 627 ms • 9

{ } JSON ▾ ▶ Preview ↺ Visualize ▾ ↻ ⌵

```
1 [
2   {
3     "kategori_id": 1,
4     "kategori_kode": "ELC",
5     "kategori_nama": "Elektronik",
6     "created_at": null,
7     "updated_at": null
8   },
9   {
10    "kategori_id": 2,
11    "kategori_kode": "FNB",
12    "kategori_nama": "Food and Beverage",
13    "created_at": null,
14    "updated_at": null
15  },
16 ]
```



POST

localhost:8000/api/kategori

ParamsAuthHeaders (9)BodyScriptsSettings

form-data

	Key		Value	Descri...
<input checked="" type="checkbox"/>	kategori_kode	Text	ELCT	
<input checked="" type="checkbox"/>	kategori_nama	Text	elektronik dua	
	Key	Text	Value	Descriptio

Body201 Created • 540 ms • 4

{ } JSONPreviewVisualize

```
1 {
2   "kategori_kode": "ELCT",
3   "kategori_nama": "elektronik dua",
4   "updated_at": "2025-04-24T08:51:01.000000Z",
5   "created_at": "2025-04-24T08:51:01.000000Z",
6   "kategori_id": 11
7 }
```



GET

localhost:8000/api/kategori/11

Send

ParamsAuthHeaders (9)BodyScriptsSettingsCookies

form-data

	Key		Value	Descri...	...	Bulk Edit
<input checked="" type="checkbox"/>	kategori_kode	Text	ELCT			
<input checked="" type="checkbox"/>	kategori_nama	Text	elektronik dua			
	Key	Text	Value	Description		

Body200 OK • 560 ms • 470 B •

{ } JSONPreviewVisualize

```
1  [  
2    {  
3      "kategori_id": 11,  
4      "kategori_kode": "ELCT",  
5      "kategori_nama": "elektronik dua",  
6      "created_at": "2025-04-24T08:51:01.000000Z",  
7      "updated_at": "2025-04-24T08:51:01.000000Z"  
8    }  
9  ]
```




PUT localhost:8000/api/kategori/11?kategori_nama=elekt... Send

Params Auth Headers (9) Body Scripts Settings Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Descri...	...	Bulk Edit
<input checked="" type="checkbox"/>	kategori_nama	elektronik elektronik			

Body 200 OK • 472 ms • 477 B • [Globe Icon] [More Icon]

[JSON Icon] Preview Visualize [More Icon]

```
1 [
2   {
3     "kategori_id": 11,
4     "kategori_kode": "ELCT",
5     "kategori_nama": "elektronik elektronik",
6     "created_at": "2025-04-24T08:51:01.000000Z",
7     "updated_at": "2025-04-24T08:52:28.000000Z"
8   }
9 ]
```

DELETE localhost:8000/api/kategori/11

Params Auth Headers (9) Body Scripts Settings

Body 200 OK • 520 ms • 3

[JSON Icon] Preview Visualize [More Icon]

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

3. Implementasi CRUD barang



GET

localhost:8000/api/barang

Send

ParamsAuthHeaders (7)BodyScriptsSettingsCookies

Body200 OK519 ms2.02 KB

{ } JSON

PreviewVisualize

```
1  [  
2    {  
3      "barang_id": 7,  
4      "kategori_id": 1,  
5      "barang_kode": "B001",  
6      "barang_nama": "Televisi",  
7      "harga_beli": 2500000,  
8      "harga_jual": 3000000,  
9      "created_at": null,  
10     "updated_at": null  
11   },  
12   {  
13     "barang_id": 8,  
14     "kategori_id": 1,  
15     "barang_kode": "B002",  
16     "barang_nama": "Smartphone Android",  
17     "harga_beli": 3500000,  
18     "harga_jual": 4000000,  
19     "created_at": null,  
20     "updated_at": null  
21   },  
22 ]
```



POST localhost:8000/api/barang?kategori_id=1&barang_k...

Params Auth Headers (8) Body Scripts Settings

Key	Value	Description
<input checked="" type="checkbox"/> harga_beli	60000	
<input checked="" type="checkbox"/> harga_jual	70000	

Body 201 Created • 558 ms • 5

{ } JSON Preview Visualize

```
1 {
2   "kategori_id": "1",
3   "barang_kode": "B0011",
4   "barang_nama": "Kipas Angin",
5   "harga_beli": "60000",
6   "harga_jual": "70000",
7   "updated_at": "2025-04-24T08:57:29.000000Z",
8   "created_at": "2025-04-24T08:57:29.000000Z",
9   "barang_id": 18
10 }
```

GET localhost:8000/api/barang/18

Params Auth Headers (7) Body Scripts Settings

Body 200 OK • 539 ms • 5

{ } JSON Preview Visualize

```
1 [
2   {
3     "barang_id": 18,
4     "kategori_id": 1,
5     "barang_kode": "B0011",
6     "barang_nama": "Kipas Angin",
7     "harga_beli": 60000,
8     "harga_jual": 70000,
9     "created_at": "2025-04-24T08:57:29.000000Z",
10    "updated_at": "2025-04-24T08:57:29.000000Z"
11  }
```



localhost:8000/api/barang/18?harga_jual=75000 Save

PUT localhost:8000/api/barang/18?harga_jual=75000

Params Auth Headers (8) Body Scripts Settings

Query Params

<input checked="" type="checkbox"/>	Key	Value	Descri...
<input checked="" type="checkbox"/>	harga_jual	75000	
	Key	Value	Description

Body 200 OK • 459 ms • 516

{ } JSON Preview Visualize

```
1 [
2   {
3     "barang_id": 18,
4     "kategori_id": 1,
5     "barang_kode": "B0011",
6     "barang_nama": "Kipas Angin",
7     "harga_beli": 60000,
8     "harga_jual": 75000,
9     "created_at": "2025-04-24T08:57:29.000000Z",
10    "updated_at": "2025-04-24T08:58:57.000000Z"
11  }
```

DELETE localhost:8000/api/barang/18

Params Auth Headers (7) Body Scripts Settings

Body 200 OK • 562

{ } JSON Preview Visualize

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