Tugas 4 Register & Login

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- Make model

```
C:\xamppp\htdocs\laravelperpus>php artisan make:model Petugas
```

- Make Controller

```
C:\xamppp\htdocs\laravelperpus>php artisan make:controller PetugasController
Controller created successfully.
```

- Make Middleware

```
^C
C:\xamppp\htdocs\laravelperpus>php artisan make:middleware JWTMiddleware
```

- Api.php

```
-    Route::post('register', 'PetugasController@register');
-    Route::post('login', 'PetugasController@login');
-    Route::get('/', function(){
-       return Auth::user()->level;
-    })->middleware('jwt.verify');
```

- PetugasController

```
public function login(Request $request)
    {
        $credentials = $request->only('username', 'password');

        try {
            if (! $token = JWTAuth::attempt($credentials)) {
                return response()->json(['error' => 'invalid_credentials'], 400);
            }
        } catch (JWTException $e) {
```

```php
        return response()->json(['error' => 'could_not_create_token'], 500);
    }

    return response()->json(compact('token'));
}

public function register(Request $request)
{
    $validator = Validator::make($request->all(), [
        'nama_petugas' => 'required|string|max:255',
        'alamat' => 'required|string|max:255|',
        'telp' => 'required|string|max:255|',
        'username' => 'required|string|max:255|',
        'password' => 'required|string|min:6|confirmed',
        'level' => 'required|string|max:255|',
    ]);

    if($validator->fails()){
        return response()->json($validator->errors()->toJson(), 400);
    }

    $user = Petugas::create([
        'nama_petugas' => $request->get('nama_petugas'),
        'alamat' => $request->get('alamat'),
        'telp' => $request->get('telp'),
        'username' => $request->get('username'),
        'password' => Hash::make($request->get('password')),
        'level' => $request->get('level'),
    ]);

    $token = JWTAuth::fromUser($user);

    return response()->json(compact('user','token'),201);
}

public function getAuthenticatedUser()
{
    try {

        if (! $user = JWTAuth::parseToken()->authenticate()) {
            return response()->json(['user_not_found'], 404);
        }

    } catch (Tymon\JWTAuth\Exceptions\TokenExpiredException $e) {
```

```php
            return response()->json(['token_expired'], $e->getStatusCode());

        } catch (Tymon\JWTAuth\Exceptions\TokenInvalidException $e) {

            return response()->json(['token_invalid'], $e->getStatusCode());

        } catch (Tymon\JWTAuth\Exceptions\JWTException $e) {

            return response()->json(['token_absent'], $e->getStatusCode());

        }

    return response()->json(compact('user'));
}
```

- Model Petugas

```php
-   use Notifiable;
-       protected $table = 'petugas';
-
-
-       /**
-        * The attributes that are mass assignable.
-        *
-        * @var array
-        */
-       protected $fillable = [
-           'nama_petugas', 'alamat', 'telp', 'username', 'password', 'level'
-       ];
-
-       /**
-        * The attributes that should be hidden for arrays.
-        *
-        * @var array
-        */
-       protected $hidden = [
-           'password', 'remember_token',
-       ];
-
-       public function getJWTIdentifier()
-       {
-           return $this->getKey();
-       }
-       public function getJWTCustomClaims()
-       {
-           return [];
```

```
-          }
-
-          /**
-          * The attributes that should be cast to native types.
-          *
-          * @var array
-          */
-          protected $casts = [
-              'email_verified_at' => 'datetime',
-          ];
```

- HASIL

POST ▼	http://localhost/laravelperpus/public/api/register	**Send** ▼	Save ▼

☑	username	angel	
☑	password	123456	
☑	password_confirmation	123456	
☑	level	admin	
	Key	Value	Description

Body Cookies Headers (11) Test Results — Status: 201 Created   Time: 6.30s   Size: 914 B   **Save Response**

Pretty Raw Preview Visualize BETA   JSON ▼

```
1   {
2       "user": {
3           "nama_petugas": "Angelia",
4           "alamat": "Jalan danau ranau",
5           "telp": "087986564243",
6           "username": "angel",
7           "level": "admin",
8           "updated_at": "2020-01-22 07:41:18",
9           "created_at": "2020-01-22 07:41:18",
10          "id": 9
11      },
12      "token":
            "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3RcL2xhcmF2ZWxwZXJwdXNcL3B1YmxpY1wvYXBpXC9yZWdpc3R1ciIsImlhdCI6MTU3OTY3
            ODg4MCwiZXhwIjoxNTc5NjgyNDgwLCJuYmYiOjE1Nzk2Nzg4ODAsImp0aSI6I1hyODVXaF1iTHVXdnN3ZXEiLCJzdWIiOjksInBydiI6IjBlNmF1NTA3MmJ1ZDExNjV1MDNmMWUxOWU3Yj
            E4Yzk4MjA4YzdmOGYifQ.Q4y1-OH9pVVuuVKvwBrgDESGBn7vnvPYOPM1biPtAXE"
13  }
```

POST ▼	http://localhost/laravelperpus/public/api/login	**Send** ▼	Save ▼

	name	jaka	
☐	nama_petugas	Angelia	
☐	alamat	Jalan danau ranau	
☐	telp	087986564243	
☑	username	angel	
☑	password	123456	
☐	password_confirmation	123456	
☐	level	admin	
	Key	Value	Description

Body Cookies Headers (11) Test Results

Status: **200 OK** Time: **586ms** Size: **708 B** Save Response ▼

Pretty Raw Preview Visualize BETA JSON ▼

```
1  {
2      "token":
        "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3RcL2xhcmF2ZWxwZXJwdXNcL3B1YmxpY1wvYXBpXC9sb2dpbiIsImlhdCI6MTU3OTY3ODkw
        NSwiZXhwIjoxNTc5NjgyNTA1LCJuYmYiOjE1Nzk2Nzg5MDUsImp0aSI6IjhCSHY4RUVWWkR4N0xnTW0iLCJzdWIiOjksInBydiI6Ijg3ZTBhZjF1Zj1mZDE1ODEyZmR1Yzk3MTUzYTE0ZT
        BiMDQ3NTQ2YWEifQ.SUk7cxnnP6dQDdXtWx_aw_XmFS8DygHQzS1xwjJF0Ow"
3  }
```

GET ▼	http://localhost/laravelperpus/public/api

Params Authorization **Headers (10)** Body ● Pre-request Script Tests Settings

▼ Headers (2)

	KEY	VALUE	
☑	Content-Type	application/x-www-form-urlencoded	
☰ ☑	Authorization	bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJ...	
	Key	Value	

▶ Temporary Headers (8) ⓘ

Body Cookies Headers (11) Test Results Statu

Pretty Raw Preview Visualize BETA HTML ▼

```
1  admin
```