Tugas Laravel Register dan Login API

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1. Make Controller

```
c:\xampp\htdocs\perpustakaan1>php artisan make:controller PetugasController
Controller created successfully.
```

2. Make Model

```
c:\xampp\htdocs\perpustakaan1>php artisan make:model User
```

3. Make Middleware

```
c:\xampp\htdocs\perpustakaan1>php artisan make:middleware JwtMiddleware
```

4. Api.php

```php
16   Route::middleware('auth:api')->get('/user', function (Request $request) {
17       return $request->user();
18   });
19   Route::post('register', 'PetugasController@register');
20   Route::post('login', 'PetugasController@login');
21   Route::get('/',function(){
22      return Auth::user()->level;
23   })->middleware('jwt.verify');
```
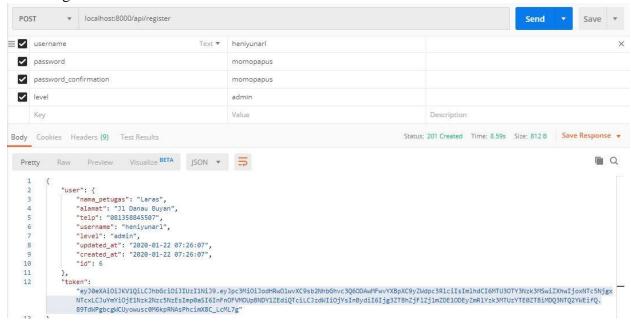
5. PetugasController

```php
<?php

namespace App\Http\Controllers;

use App\User;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\Hash;
use Illuminate\Support\Facades\Validator;
use JWTAuth;
use Tymon\JWTAuth\Exceptions\JWTException;

class PetugasController extends Controller
{
    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) {
            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|unique:petugas',
```
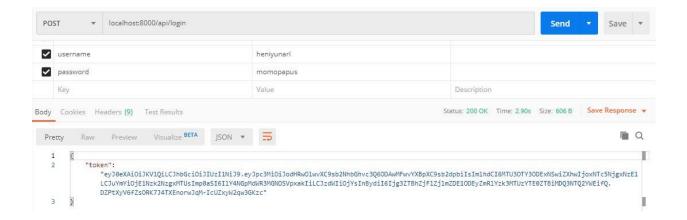
```php
35              'username' => 'required|string|max:255|unique:petugas',
36              'password' => 'required|string|min:6|confirmed',
37              'level' => 'required|string|max:255',
38          ]);
39
40          if($validator->fails()){
41              return response()->json($validator->errors()->toJson(), 400);
42          }
43
44          $user = User::create([
45              'nama_petugas' => $request->get('nama_petugas'),
46              'alamat' => $request->get('alamat'),
47              'telp' => $request->get('telp'),
48              'username' => $request->get('username'),
49              'password' => Hash::make($request->get('password')),
50              'level' => $request->get('level'),
51          ]);
52
53          $token = JWTAuth::fromUser($user);
54
55          return response()->json(compact('user','token'),201);
56      }
57
58      public function getAuthenticatedUser()
59      {
60          try {
61
62              if (! $user = JWTAuth::parseToken()->authenticate()) {
63                  return response()->json(['user_not_found'], 404);
64              }
65
66          } catch (Tymon\JWTAuth\Exceptions\TokenExpiredException $e) {
67
68              return response()->json(['token_expired'], $e->getStatusCode());
```

6. Model

```php
<?php

namespace App;

use Illuminate\Notifications\Notifiable;
use Illuminate\Contracts\Auth\MustVerifyEmail;
use Illuminate\Foundation\Auth\User as Authenticatable;
use Tymon\JWTAuth\Contracts\JWTSubject;

class User extends Authenticatable implements JWTSubject
{
    protected $table = "petugas";
    //  public $timestamps = false;

    /**
     * The attributes that are mass assignable.
     *
     * @var array
     */
    protected $fillable = [
        'nama_petugas', 'alamat', 'telp', 'username', 'password', 'level',
    ];
```

7. Hasil Register Postman

| POST | ▼ | localhost:8000/api/register | | | Send | ▼ | Save | ▼ |

	username	Text ▼	heniyunarl		×
✓	password		momopapus		
✓	password_confirmation		momopapus		
✓	level		admin		
	Key		Value		Description

Body   Cookies   Headers (9)   Test Results   Status: 201 Created   Time: 8.59s   Size: 812 B   Save Response ▼

Pretty   Raw   Preview   Visualize BETA   JSON ▼

```json
{
    "user": {
        "nama_petugas": "Laras",
        "alamat": "Jl Danau Buyan",
        "telp": "081358845507",
        "username": "heniyunarl",
        "level": "admin",
        "updated_at": "2020-01-22 07:26:07",
        "created_at": "2020-01-22 07:26:07",
        "id": 6
    },
    "token":
```
"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3Q6ODAwMFwvYXBpXC9yZWdpc3RlciIsImlhdCI6MTU3OTY3Nzk3MSwiZXhwIjoxNTc5Njgx
NTcxLCJuYmYiOjE1Nzk2Nzc5NzEsImp0aSI6InFnOFVMOUpBNDY1ZEdiQTciLCJzdWIiOjYsInBydiI6Ijg3ZTBhZjF1ZjlmZDE1ODEyZmR1Yzk3MTUzYTE0ZTBiMDQ3NTQ2YWEifQ.
89TdWPgbcgWCUyowusc0M6kpRNAsPhcimX8C_LcML7g"
```
}
```

8. Hasil Login Postman

9. Hasil cek yang sudah login