JWT Laravel

- Make Controller

```
PS C:\xampp\htdocs\perpus> php artisan make:controller petugas!
Controller created successfully.
```

- Model

```php
class User extends Authenticatable implements JWTSubject
{
    use Notifiable;

    /**
     * The attributes that are mass assignable.
     *
     * @var array
     */
    protected $table = "petugas";
    public $timestamps = false;
    protected $fillable = [
        'nama_petugas', 'username', 'password', 'alamat',
        'telp',
    ];

    /**
     * The attributes that should be hidden for arrays.
     *
     * @var array
     */
    protected $hidden = [
        'password', 'remember_token',
    ];

    public function getJWTIdentifier()
    {
        return $this->getKey();
    }
    public function getJWTCustomClaims()
```

- Middleware

```php
class JwtMiddleware extends BaseMiddleware
{

    /**
     * Handle an incoming request.
     *
     * @param  \Illuminate\Http\Request  $request
     * @param  \Closure  $next
     * @return mixed
     */
    public function handle($request, Closure $next)
    {
        try {
            $user = JWTAuth::parseToken()->authenticate();
        } catch (Exception $e) {
            if ($e instanceof \Tymon\JWTAuth\Exceptions\TokenInvalidException){
                return response()->json(['status' => 'Token is Invalid']);
            }else if ($e instanceof \Tymon\JWTAuth\Exceptions\TokenExpiredException){
                return response()->json(['status' => 'Token is Expired']);
            }else{
                return response()->json(['status' => 'Authorization Token not found']);
            }
        }
        return $next($request);
    }
}
```

- Api.php

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

Route::post('register', 'Petugas@register');
Route::post('login', 'Petugas@login');
```

- Controller

```php
class Petugas 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'));
    }
}
```

```php
    public function register(Request $request)
    {
        $validator = Validator::make($request->all(), [
            'nama_petugas' => 'required|string|max:255',
            'username' => 'required|string|email|max:255',
            'password' => 'required|string|max:10|confirmed',
            'telp' => 'required|string|max:255',
            'alamat' => 'required|string|max:255',
            'level' => 'required|string|max:255',
        ]);

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

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

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

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

- Hasil Postman

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

☑	telp	123455	
☑	alamat	jl. pisang	
☑	password_confirmation	1234	
☑	level	admin	
	Key	Value	Description

Body Cookies Headers (9) Test Results   Status: 201 Created Time: 4.32s Size: 732 B   Save Response ▼

Pretty Raw Preview Visualize BETA JSON ▼

```
1  {
2      "user": {
3          "nama_petugas": "Nuril Haidar",
4          "username": "haidar@gmail.com",
5          "alamat": "jl. pisang",
6          "telp": "123455",
7          "id": 8
8      },
9      "token":
       "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3Q6ODAwMFwvYXBpXC9yZWdpc3RlciIsImlhdCI6MTU3Tc0NTUwNiwiZXhwIjoxNTc
       5NzQ5MTA2LCJuYmYiOjE1Nzk3NDU1MDcsImp0aSI6IkdFTEN2TDRkTGhzajUxZnQiLCJzdWIiOjgsInBydiI6Ijg3ZTBhZjF1Zj1mZDE1ODEyZmR1Yzk3MTUzYTE0ZTBiMDQ3NTQ2
       YWEifQ.VN4oLYZDAv1QC-zhfQv7M2dr-1KRd_82n0ptAynqPqU"
10 }
```

| POST ▼ | http://localhost:8000/api/login | **Send** ▼ | Save ▼ |

☑	username	haidar@gmail.com	
☑	password	1234	
	Key	Value	Description

Body Cookies Headers (9) Test Results   Status: 200 OK Time: 1402ms Size: 613 B   Save Response ▼

Pretty Raw Preview Visualize BETA JSON ▼

```
1  {
2      "token":
       "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3Q6ODAwMFwvYXBpXC9sb2dpbiIsImlhdCI6MTU3Tc0NTU1MiwiZXhwIjoxNTc5NzQ
       5MTUyLCJuYmYiOjE1Nzk3NDU1NTIsImp0aSI6ImYxS1M0bkFQcG84RFdSQ0ciLCJzdWIiOm51bGwsInBydiI6Ijg3ZTBhZjF1Zj1mZDE1ODEyZmR1Yzk3MTUzYTE0ZTBiMDQ3NTQ2
       YWEifQ.9rh_G181v-PV6qXn8dH1QNZ8xSnbG1fwxMtKQaNTQg0"
3  }
```