Nama : Nafarras Ayu Patrychia

No : 26

Kelas : XI Laravel

Tugas 4 JWT Laravel

1. Make controller

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

2. Make model

```
c:\xampp\htdocs\perpustakaan>php artisan make:model PetugasModel
Model created successfully.
```

3. Make middleware

```
c:\xampp\htdocs\perpustakaan>php artisan make:middleware JwtMiddleware
Middleware created successfully.
```

4. Api.php

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

});
// Route::post('register', 'UserController@register');
// Route::post('login', 'UserController@login');
// Route::get('book', 'BookController@book');
//
// Route::get('bookall', 'BookController@bookAuth')->middleware('jwt.verify');
Route::get('user', 'UserController@getAuthenticatedUser')->middleware('jwt.verify');
Route::get('/',function(){
  return Auth::user()->alamat;
})->middleware('jwt.verify');

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

5. Controller
   Petugas controller

```php
1   <?php
2
3   namespace App\Http\Controllers;
4   use App\User;
5   use Illuminate\Http\Request;
6   use Illuminate\Support\Facades\Hash;
7   use Illuminate\Support\Facades\Validator;
8   use JWTAuth;
9   use Tymon\JWTAuth\Exceptions\JWTException;
10  class PetugasController extends Controller
11  {
12      public function login(Request $request)
13      {
14          $credentials = $request->only('username', 'password');
15          try {
16              if (! $token = JWTAuth::attempt($credentials)) {
17                  return response()->json(['error' => 'invalid_credentials'], 400);
18              }
19          } catch (JWTException $e) {
20              return response()->json(['error' => 'could_not_create_token'], 500);
21          }
22          return response()->json(compact('token'));
23      }
24      public function register(Request $request)
25      {
26          $validator = Validator::make($request->all(), [
```

```php
25  {
26      $validator = Validator::make($request->all(), [
27          'nama_petugas' => 'required|string|max:255',
28          'alamat' => 'required|string|max:255',
29          'telp' => 'required|string|max:255',
30          'username' => 'required|string|max:255|unique:petugas',
31          'password' => 'required|string|min:6|confirmed',
32          'level' => 'required',
33      ]);
34
35      if($validator->fails()){
36          return response()->json($validator->errors()->toJson(), 400);
37      }
38
39      $user = User::create([
40          'nama_petugas' => $request->get('nama_petugas'),
41          'alamat' => $request->get('alamat'),
42          'telp' => $request->get('telp'),
43          'username' => $request->get('username'),
44          'password' => Hash::make($request->get('password')),
45          'level'=> $request->get('level'),
46      ]);
47
48      $token = JWTAuth::fromUser($user);
49
50      return response()->json(compact('user','token'),201);
51  }
52
```

```php
48
49      return response()->json(compact('user','token'),201);
50  }
51  public function getAuthenticatedUser()
52  {
53      try {
54          if (! $user = JWTAuth::parseToken()->authenticate()) {
55              return response()->json(['user_not_found'], 404);
56          }
57      } catch (Tymon\JWTAuth\Exceptions\TokenExpiredException $e) {
58          return response()->json(['token_expired'], $e->getStatusCode());
59      } catch (Tymon\JWTAuth\Exceptions\TokenInvalidException $e) {
60          return response()->json(['token_invalid'], $e->getStatusCode());
61      } catch (Tymon\JWTAuth\Exceptions\JWTException $e) {
62          return response()->json(['token_absent'], $e->getStatusCode());
63      }
64      return response()->json(compact('user'));
65  }
66  }
67
```

6. Model

```php
app.php          User.php          PetugasModel.php  ●          api.php
1   <?php
2   namespace App;
3   use Illuminate\Notifications\Notifiable;
4   use Illuminate\Contracts\Auth\MustVerifyEmail;
5   use Illuminate\Foundation\Auth\User as Authenticatable;
6   use Tymon\JWTAuth\Contracts\JWTSubject;
7
8   class PetugasModel extends Authenticatable implements JWTSubject
9   {
10      use Notifiable;
11      protected $table = 'petugas';
12
13      /**
14       * The attributes that are mass assignable.
15       *
16       * @var array
17       */
18      protected $fillable = [
19          'nama_petugas', 'alamat','telp', 'username', 'password', 'level',
20      ];
21      /**
```

```php
app.php          User.php          PetugasModel.php  ●          api.ph
12
13      /**
14       * The attributes that are mass assignable.
15       *
16       * @var array
17       */
18      protected $fillable = [
19          'nama_petugas', 'alamat','telp', 'username', 'password', 'level',
20      ];
21      /**
22       * The attributes that should be hidden for arrays.
23       *
24       * @var array
25       */
26      protected $hidden = [
27          'password', 'remember_token',
28      ];
29
30      public function getJWTIdentifier()
31      {
32          return $this->getKey();
33      }
34      public function getJWTCustomClaims()
35      {
36          return [];
37      }
38  }
39
```

7. Hasil post man register dan login
   Login

POST ▾ | localhost:/perpustakaan/public/api/login | Send ▾ | Save ▾

Params Authorization Headers (9) Body ● Pre-request Script Tests Settings   Cookies Code

○ none ● form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL BETA

	KEY	VALUE	DESCRIPTION	•••	Bulk Edit
☑	username	nafarras			
☑	password	nafarras123			✕
	Key	Value	Description		

Body Cookies Headers (10) Test Results   Status: 200 OK   Time: 1035ms   Size: 687 B   Save Response ▾

Pretty Raw Preview Visualize BETA JSON ▾

```
1  {
2      "token":
   "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3RcL3BlcnB1c3Rha2Fhb1wvcHVibG1jXC9hcG1cL2xvZ21uIiwiaWF0IjoxNTc5Njc
   5NTMzLCJ1eHAiOjE1Nzk2ODMxMzMsIm5iZiI6MTU3OTY3OTUzMywianRpIjoic2xYTVBXR1VBbjJadTJ0cSIsInN1YiI6MTcsInBydiI6Ijg3ZTBhZjF1Zj1mZDE1ODEyZmR1Yzk3
   MTUzYTE0ZTBiMDQ3NTQ2YWEifQ.kGRcAkSuywBlqq9SdJgNgSqd8AU5lv9BM-cAB_YYolg"
3  }
```

▪ My Workspace ▾   ➕ Invite   Ø ✎ 🔧 🔔 ♥   Sign In

POST localhost:/perpusta... ● | POST localhost:/perpusta... ● | POST localhost:/perpusta... | POST localhost:/perpusta... ● | ➕ | •••   No Environment ▾   👁 ⚙

Untitled Request   🗩 Comments (0)

POST ▾ | localhost:/perpustakaan/public/api/register | Send ▾ | Save ▾

Params Authorization Headers (9) Body ● Pre-request Script Tests Settings   Cookies Code

○ none ● form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL BETA

	KEY	VALUE	DESCRIPTION	•••	Bulk Edit
☑	nama_petugas	nafarras			
☑	alamat	malang			
☑	telp	081111222444			
☑	username	nafarras			
☑	password	nafarras123			
☑	password_confirmation	nafarras123			
☑	level	admin			
	Key	Value	Description		

POST ▾ | localhost:/perpustakaan/public/api/register | Send ▾ | Save ▾

	level	admin		
☑	Key	Value	Description	

Body Cookies Headers (10) Test Results   Status: 201 Created   Time: 876ms   Size: 887 B   Save Response ▾

Pretty Raw Preview Visualize BETA JSON ▾

```
1   {
2       "user": {
3           "nama_petugas": "nafarras",
4           "alamat": "malang",
5           "telp": "081111222444",
6           "username": "nafarras",
7           "level": "admin",
8           "updated_at": "2020-01-22 07:50:48",
9           "created_at": "2020-01-22 07:50:48",
10          "id": 17
11      },
12      "token":
   "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3RcL3BlcnB1c3Rha2Fhb1wvcHVibG1jXC9hcG1cL3J1Z21zdGVyIiwiaWF0IjoxNTc
   5Njc5NDQ4LCJ1eHAiOjE1Nzk2ODMwNDgsIm5iZiI6MTU3OTY3OTQ0OCwianRpIjoic3NuZ2o1NTdnbnpqakxUayIsInN1YiI6MTcsInBydiI6Ijg3ZTBhZjF1Zj1mZDE1ODEyZmR1
   Yzk3MTUzYTE0ZTBiMDQ3NTQ2YWEifQ.kyaGTAH_vXQxwrVEQlama2R3c4pBEZCRd1xJFsVyd-w"
13  }
```