1. Install the package

composer require laravel/passport

1. This command will create the encryption keys needed to generate secure access tokens. In addition, the command will create "personal access" and "password grant" clients which will be used to generate access tokens

php artisan passport:install

1. The Passport migrations will create the tables your application needs to store OAuth2 clients and access tokens

php artisan migrate

1. In User.php model

use Laravel\Passport\HasApiTokens;

class User extends Authenticatable

{

    use HasApiTokens, HasFactory, Notifiable , HasRoles;

}

1. In config/auth.php

    'guards' => [

        'web' => [

            'driver' => 'session',

            'provider' => 'users',

        ],

        'api' => [

            'driver' => 'passport',

            'provider' => 'users',

        ],

    ],

1. Set the PASSPORT\_CLIENT\_ID and PASSPORT\_CLIENT\_SECRET in env file

PASSPORT\_CLIENT\_ID=2

PASSPORT\_CLIENT\_SECRET=….

1. Write your generate tokens function

    public static function generateTokens($email , $password) : bool|array

    {

        $response = Request::create('/oauth/token', 'POST', [

            'grant\_type' => "password",

            'client\_id' => env('PASSPORT\_CLIENT\_ID'),

            'client\_secret' => env('PASSPORT\_CLIENT\_SECRET'),

            'username' => $email,

            'password' => $password,

        ]);

        return (array)json\_decode(app()->handle($response)->getContent());

    }