API Controller ¶

Description

- · APIs are very common in web applications these days.
- · They allow system to communicate with one another.

Create API Controller

Creating

• In cmder

```
cd mystore
php artisan make:controller API/BrandController --api
```

Results

- In VSC, the file kodeblog\mystore\app\Http\Controllers\API\BrandController.php
- · There are five method boilerplace in this file

GET: index, showPOST: storePATCH: update

■ DELETE: delete

Create Route To API Controller

- In VSC, open file kodeblog\mystore\routes\api.php
- · Add route to API controller

```
EXPLORER
                                             api.php

✓ OPEN EDITORS

                                              mystore > routes > @ api.php > ...
      × api.php mystore\routes

∨ KODEBLOG

      > 🖷 docs
                                                     use Illuminate\Http\Request;
      Route::middleware('auth:api')->get('/user', function (Request $request) {
       > 📹 bootstrap
                                                        return $request->user();
       > 🐗 config
       > 🟮 database
                                                     Route::get('/products', function () {
       > node modules
                                                         $products = [
       > 🐞 public
igo(1)
       > 📹 resources
                                                                  'name' => 'Macbook Pro',
       'price' => 2500
          api.php
          channels.php
                                                                 'name' => 'iPhone',
          console.php
                                                                  'price' => 1200
           web.php
        > i storage
       > 🧖 tests
       > 📹 vendor
                                                         return response()->json($products);
         ♠ .editorconfia
          .env
                                                     Route::apiResource('brands', 'API\BrandController');
         .env.example
```

Test Route Results

• In cmder

php artisan route:list

```
λ Cmde
                             GET HEAD
GET HEAD
GET HEAD
GET HEAD
                                                             analytics
api/brands
                                                             api/brands
api/brands/{brand}
                                                                                                                      brands.store
brands.show
                                                                                                                                                                   App\Http\Controllers\API\BrandController@store
App\Http\Controllers\API\BrandController@show
                                                             api/brands/{brand
api/brands/{brand
                                                                                                                      brands.update
brands.destroy
                                                                                                                                                                   App\Http\Controllers\API\BrandController@update
App\Http\Controllers\API\BrandController@destroy
                              GET | HEAD
GET | HEAD
                                                             api/products
api/user
                                                                                                                                                                   App\Http\Controllers\ShowBlogPostController
App\Http\Controllers\BrandController@index
App\Http\Controllers\BrandController@store
App\Http\Controllers\BrandController@create
                              GET HEAD
                                                            brands/(reate
brands/(brand)
brands/{brand}
brands/{brand}
brands/{brand}/edit
categories/{url?}
hello/(name)
pages/(name)
products/{url}
statistics
store
                                                                                                                                                                   App\http\Controllers\BrandController@show
App\Http\Controllers\BrandController@update
App\Http\Controllers\BrandController@destroy
                              GET HEAD
PUT PATCH
                                                                                                                      brands.update
brands.destroy
                                                                                                                                                                   App\Http\Controllers\HelloController@index
App\Http\Controllers\HomeController@page
```

Commit Step

In []: