**REST API DENGAN LARAVEL 10 (BASIC)**

1.INSTALL LARAVEL VERSION10

2.KONFIGURATION ENV-DATABASE

3.CREATE RESOURCE FILE IN FOLDER RESOURCE HTTP

THIS IS CODE FOR FILE RESOURCE

<?php

namespace App\Http\Resources;

use Illuminate\Http\Resources\Json\JsonResource;

class PostResource *extends* JsonResource

{

*//define properti*

*public* $status;

*public* $message;

*public* $resource;

*/\*\**

*\* \_\_construct*

*\**

*\* @param  mixed $status*

*\* @param  mixed $message*

*\* @param  mixed $resource*

*\* @return void*

*\*/*

*public* function \_\_construct($status, $message, $resource)

    {

        parent::\_\_construct($resource);

        $this->status  = $status;

        $this->message = $message;

    }

*/\*\**

*\* Transform the resource into an array.*

*\**

*\* @param  \Illuminate\Http\Request  $request*

*\* @return array*

*\*/*

*public* function toArray($request)

    {

*return* [

            'success'   => $this->status,

            'message'   => $this->message,

            'data'      => $this->resource

        ];

    }

}

4.CREATE NEW FOLDER IN CONTROLLER (API) AND CREATE NEW FILE IN FOLDER API (YOUR NAME CONTROLLER FOR API)

5.CREATE CODE IN YOUR CONTROLLER API

-CALL FILE RESOURCE

-CALL FILE MODEL

-AND ADD CODE

THIS IS EXAMPLE CODE FOR GET DATA

<?php

namespace App\Http\Controllers\Api;

use App\Http\Controllers\Controller;

use Illuminate\Http\Request;

use App\Models\PostResourceModel;

use App\Http\Resources\PostResource;

class PostController *extends* Controller

{

*public* function index()

    {

*//get all posts*

        $posts = PostResourceModel::latest()->paginate(500);

*//return collection of posts as a resource*

*return* new PostResource(true, 'List Data Posts', $posts);

    }

}

THIS IS EXAMPLE CODE FOR ADD DATA

THIS IS EXAMPLE CODE FOR EDIT DATA

THIS IS EXAMPLE CODE FOR DELETE DATA