https://github.com/laravel/ui

1. Creating View

* Resources>view>admin>contact.blade.php
* Resources>view>admin>contact.home.php

1. Creating Controller

* php artisan make:controller AdminController

1. Add the Controller function

    public function contact(){

        return view('admin.contact');

    }

1. sitting up the route
2. Add the controller link

use App\Http\Controllers\AdminController;

1. Add the get route function

Route::get('/contact', [AdminController::class, 'contact'])->name('contact');

Transferring the data from Controller to view

1. Creating an aaray in Controller

class AdminController extends Controller

{

    public function contact(){

        $arr = array('id' => 1,'name' => 'Hussein' );

        return view('admin.contact',$arr);

    }

    public function home(){

        return view('admin.home');

    }

}

Used the values in the view file

<h1>Welcome Contact</h1>

{{ 'Admin id:' . $id }}

<br/>

{{ 'Admin Name:' . $name }}

1. Add the values from the route (ادخال البيانات من الخارج )
2. Fixed the route > web

Route::get('/contact/{id}/{name}', [AdminController::class, 'contact'])->name('contact');

1. Fixed the Controller function

class AdminController extends Controller

{

    public function contact($id,$name){

        $arr = array('id' => $id,'name' => $name );

        return view('admin.contact',$arr);

    }

    public function home(){

        return view('admin.home');

    }

}

Migration

1. Adding a database
2. Siting up the .env file
3. Migrating

php artisan migrate

1. Creating new table and new schema

php artisan make:migration create\_students --create=students

there I have tow function the first one is up and the second one is down

1. The Function up is for migration
2. The Function up is for roll back

    public function up()

    {

        Schema::create('product', function (Blueprint $table) {

            $table->id();

            $table->string('name')->unique()->nullable(false);

            $table->double('price')->nullable(false);

            $table->timestamps();

        });

    }

Stetting up the schema and migrating

php artisan migrate

من أجل التراجع عن أخر عملية ترحيل

php artisan migrate:refresh

Model

Example: student tabel

1. Creating model

php artisan make:model Student

1. I must add a new table in my database its name Students

php artisan make:migration create\_students --create=students

php artisan migrate

1. Adding a controller

php artisan make:controller StudentController

1. Adding the view fills

Resources> views > student > view.blade.php

1. Adding controller function

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

use App\Models\Student;

class StudentController extends Controller

{

    public function viewStudents(){

        $student = Student::all();

        $arr =  array('student' =>  $student);

        return view('student.view',$arr);

    }

}

# Add new record

1. Adding a controller function

   public function add(){

        return view('student.add);

    }

1. Adding a route

Route::get('/add', [StudentController::class, 'add'])->name('add');

Route::post('/add', [StudentController::class, 'add'])->name('add');

1. Adding a view file

Resources> views > student > addStudent.blade.php

<!DOCTYPE html>

<html>

<head>

    <title>Add a student</title>

</head>

<body>

    <form method="POST" action="add">

        {{ csrf\_field() }}

        Student Name:<input type="text" name="name" placeholder="Inter you name">

        <br/>

        Student details:<input type="text" name="details" placeholder="Inter you details">

        <br/>

        <input type="submit" value="Add">

    </form>

</body>

</html>

1. Saving my data to database

=> Controller

    public function add(Request $request){

        //only exequte when post

        if($request->isMethod('post')){

            $newStudent = new Student();

            $newStudent->name=$request->input('name');

            $newStudent->details=$request->input('details');

            $newStudent->save();

        }

        return view('student.add');

    }

# edit and delete record

# Delete

1. Adding Delete link in view page

<table>

    @foreach ($student as $myStudent)

        <br/>

        <tr>

            <td>

                Name: {{ $myStudent->name }}

            </td>

            <td>

                Details: {{ $myStudent->details }}

            </td>

            <td>

                Edit

            </td>

            <td>

                <a href="add/{{ $myStudent->id }}">Delete</a>

            </td>

        </tr>

    @endforeach

</table>

1. Adding delete function in route > web

use App\Models\Student;

// Delete

Route::get('add/{id}',function($id){

    $student=Student::find($id);

    $student->delete();

    return redirect('student');

});

# Edit

1. Adding view code

<table>

    @foreach ($student as $myStudent)

        <br/>

        <tr>

            <td>

                Name: {{ $myStudent->name }}

            </td>

            <td>

                Details: {{ $myStudent->details }}

            </td>

            <td>

                <a href="edit/{{ $myStudent->id }}">Edit</a>

            </td>

            <td>

                <a href="add/{{ $myStudent->id }}">Delete</a>

            </td>

        </tr>

    @endforeach

</table>

1. Adding Controller function