CATEGORYCONTROLLER

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

use App\Models\Category;

use App\Models\Project;

use Illuminate\Support\Facades\Auth;

use Illuminate\Support\Facades\Storage;

*class* CategoryController *extends* *Controller*

{

*// Afficher toutes les Categories*

*public* *function* index()

{

$categories = Category::all();

return view('categories.index', compact('categories'));

}

*// Créer une nouvelle Categorie*

*public* *function* create()

{

return view('categories.create');

}

*// Enregistrer une nouvelle Categorie*

*public* *function* store(Request $request)

{

*// 1. La validation*

*$this*->validate($request, [

'name' => 'required|string|max:30',

]);

*// 2. On upload l'image dans "/storage/categories"*

$project\_id = $request->input('project\_id');

*// 3. On enregistre les informations du Projet*

Category::create([

'name' => $request->input('name'),

'project\_id' => $project\_id,

]);

*// 4. On retourne vers le Projet en cours : route("Projets.index")*

return redirect()->route('projects.show', $project\_id);

}

*// Afficher une Categorie*

*public* *function* show(Category $category)

{

*// $category = Project::with('category')->find($id);*

*// coté front, je vais pouvoir utiliser une variable $post*

return view("categories.show", compact("category"));

}

*// Editer une Categorie enregistré*

*public* *function* edit(Category $category)

{

return view('categories.edit', compact('category'));

}

*// Mettre à jour une Categorie*

*public* *function* update(Request $request, $id)

{

$category = Category::find($id);

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

$category->save();

return redirect()->route('projects.index');

}

*// Supprimer une Categorie*

*public* *function* destroy($id)

{

$category = Category::find($id);

$category->delete();

return redirect()->route('projets.index');

}

}

PROJECTCONTROLLER

<?php

namespace App\Http\Controllers;

use App\Http\Requests\ProjectRequest;

use Illuminate\Http\Request;

use App\Models\Project;

*class* ProjectController *extends* *Controller*

{

*/\*\**

*\* Display a listing of the resource.*

*\**

*\* @return \Illuminate\Http\Response*

*\*/*

*public* *function* index()

{

$projects = Project::all();

return view('projects.index', compact('projects'));

}

*/\*\**

*\* Show the form for creating a new resource.*

*\**

*\* @return \Illuminate\Http\Response*

*\*/*

*public* *function* create()

{

return view('projects.create');

}

*/\*\**

*\* Store a newly created resource in storage.*

*\**

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

*\* @return \Illuminate\Http\Response*

*\*/*

*public* *function* store(Request $request)

{

*$this*->validate($request, [

'name' => 'required|string|max:30',

*// 'img' => 'image|max:1024',*

]);

*// $img\_road = $request->image->store("projects");*

$project = [

'name' => $request->input('name'),

*// 'img' => $request->input('img'),*

];

Project::create($project);

return redirect()->route('projects.index');

}

*public* *function* show(Project $project)

{

*// $project = Project::with('category')->find($id);*

dump($project->id);

*// coté front, je vais pouvoir utiliser une variable $post*

return view("projects.show", compact("project"));

}

*/\*\**

*\* Show the form for editing the specified resource.*

*\**

*\* @param int $id*

*\* @return \Illuminate\Http\Response*

*\*/*

*public* *function* edit(Project $project)

{

return view('projects.edit', compact('project'));

}

*/\*\**

*\* Update the specified resource in storage.*

*\**

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

*\* @param int $id*

*\* @return \Illuminate\Http\Response*

*\*/*

*public* *function* update(Request $request, $id)

{

$project = Project::find($id);

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

$project->save();

return redirect()->route('projects.show', $id);

}

*/\*\**

*\* Remove the specified resource from storage.*

*\**

*\* @param int $id*

*\* @return \Illuminate\Http\Response*

*\*/*

*public* *function* destroy($id)

{

$project = Project::find($id);

$project->delete();

return redirect()->route('projects.index');

}

}

MODEL TASK .PHP

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;

use Illuminate\Database\Eloquent\Model;

*class* Task *extends* *Model*

{

use HasFactory;

*protected* $guarded = ['id'];

*public* *function* category()

{

return *$this*->belongsTo(Project::class);

}

}

CATEGORIES : VIEW : CREATE.BLADE

@extends('layout')

@section('contenu')

<div *class*="container">

<div *class*="row">

<a *href*="{{ route('projects.index') }}" *class*="btn btn-secondary">Retour</a>

</div>

<div *class*="row">

<form *action*="{{ route('categories.store') }}" *method*="POST">

@csrf

<input *class*="form-control" *type*="text" *name*="name" *placeholder*="Nom de la catégorie...">

<input *type*="hidden" *name*="project\_id" *value*="{{$project->id}}">

<button *type*="submit" *class*="btn btn-success">Créer la catégorie</button>

</form>

</div>

</div>

@endsection

PROJECTS : VIEW : INDEX.BLADE

@extends ('layout')

@section('contenu')

<div *class*="container">

<div *class*="row">

<a *class*="btn btn-primary col-4" *href*="{{ route('projects.create') }}">Créer un projet</a>

</div>

<br>

<div *class*="row">

<table *class*="table">

<thead>

<tr>

<th *scope*="col">Mes Projets</th>

<th>Action</th>

</tr>

</thead>

<tbody>

@foreach ($projects as $project)

<tr>

<td>{{ $project->name }}</td>

<td *style*="display:flex">

<form *action*="{{ route('projects.show', $project->id) }}" *method*="GET">

@csrf

*{{-- Bouton voir FontAwesome --}}*

<a *class*="btn btn-primary" *href*="{{ route('projects.show', $project->id) }}"><i *class*="fa-solid fa-eye"></i></a>

*{{-- Bouton modifier FontAwesome --}}*

<a *href*="{{ route('projects.edit', $project->id) }}"><i *class*="fa-solid fa-pen"></i></a>

</form>

<form *action*="{{ route('projects.destroy', $project->id) }}" *method*="POST">

@csrf

@method('DELETE')

*{{-- Bouton supprimer FontAwesome --}}*

<button *class*="btn btn-danger" *type*="submit"><i *class*="fa-solid fa-trash-can"></i></button>

</form>

</td>

</tr>

@endforeach

</tbody>

</table>

</div>

</div>

@endsection

PROJECTS : VIEW : SHOW.BLADE

@extends('layout')

@section('contenu')

<div *class*="container">

<div *class*="row align-items-start">

<h2>{{ $project->name }}</h2>

<div *style*="display:flex">

<a *class*="btn btn-warning" *href*="{{ route('projects.edit', $project->id) }}">Modifier le nom du projet</a>

<form *action*="{{ route('categories.create') }}" *method*="POST">

@csrf

<a *href*="{{ route('categories.create', $project->id) }}"><button *class*="btn btn-danger" *type*="submit">Ajouter une catégorie</button></a>

</form>

<form *action*="{{ route('projects.destroy', $project->id) }}" *method*="POST">

@csrf

@method('DELETE')

<button *class*="btn btn-danger" *type*="submit">Supprimer le projet</button>

</form>

</div>

<br>

<div *class*="container">

<div *class*="row align-items-start">

@foreach ($project->categories as $category)

<div *class*="col">

<div *class*="card">

<div *class*="card-header">

<h2>{{$category->name}}</h2>

</div>

<div *class*="card-body">

<ul>@foreach ($category->tasks as $task)

<li *class*="card-text" *style*="display:flex">

{{$task->name}}

*{{-- Bouton Ajouter --}}*

<a *class*="btn btn-primary col-4" *href*="{{ route('tasks.create') }}"><i *class*="fa-solid fa-plus"></i></a>

*{{-- Bouton Modifier --}}*

<a *href*="{{ route('tasks.edit', $task->id) }}" *class*="btn btn-secondary"

*class*="btn btn-danger" *type*="submit"><i *class*="fa-solid fa-pen"></i></a>

<form *action*="{{ route('tasks.destroy', $task->id) }}" *method*="POST" *style*="display: inline">

@csrf

@method('DELETE')

*{{-- Bouton Supprimer --}}*

<button *class*="btn btn-danger" *type*="submit"><i *class*="fa-solid fa-trash-can"></i></button>

</form>

</li>

@endforeach

</ul>

</div>

@endforeach

</div>

</div>

</div>

<a *href*="{{ route('projects.index') }}" *class*="btn btn-secondary">Retour</a>

</div>

@include('categories.create')

@endsection

TASKS : VIEW : INDEX.BLADE

@extends ('layout')

@section('contenu')

<div *class*="container">

<div *class*="row">

<a *class*="btn btn-primary col-4" *href*="{{ route('tasks.create') }}">Créer une tâche</a>

</div>

<br>

<div *class*="row">

<table *class*="table">

<thead>

<tr>

<th *scope*="col">ID</th>

<th *scope*="col">Titre</th>

<th *scope*="col">Action</th>

</tr>

</thead>

<tbody>

@foreach ($tasks as $task)

<tr>

<th>{{ $task->id }}</th>

<td>{{ $task->name }}</td>

<td *style*="display:flex">

*{{-- Bouton Voir la catégorie --}}*

<a *class*="btn btn-primary" *href*="{{ route('tasks.show', $task->id) }}"><i *class*="fa-solid fa-eye"></i></a>

*{{-- Bouton modifier FontAwesome --}}*

<a *class*="btn btn-warning" *href*="{{ route('tasks.edit', $task->id) }}"><i *class*="fa-solid fa-pen"></i></a>

<form *action*="{{ route('tasks.destroy', $task->id) }}" *method*="POST">

@csrf

@method('DELETE')

*{{-- Bouton supprimer FontAwesome --}}*

<button *class*="btn btn-danger" *type*="submit"><i *class*="fa-solid fa-trash-can"></i></button>

</form>

</td>

</tr>

@endforeach

</tbody>

</table>

</div>

</div>

@endsection