

المدرسة الوطنية العليا للذكاء الاصطناعي وعلوم المعطيات - تارودانت  
ÉCOLE NATIONALE SUPÉRIEURE DE L'INTELLIGENCE ARTIFICIELLE  
ET SCIENCES DES DONNÉES - TAROUDANT



# TP5

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# Partie 1: Introduction

## Créer le premier Projet

```
C:\Users\HICHAM>cd Desktop

C:\Users\HICHAM\Desktop>composer create-project --prefer-dist laravel/laravel mon-premier-projet
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Creating a "laravel/laravel" project at "./mon-premier-projet"
Installing laravel/laravel (v12.0.7)
- Downloading laravel/laravel (v12.0.7)
- Installing laravel/laravel (v12.0.7): Extracting archive
Created project in C:\Users\HICHAM\Desktop\mon-premier-projet
> @php -r "file_exists('.env') || copy('.env.example', '.env');"

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Loading composer repositories with package information
Updating dependencies
Lock file operations: 110 installs, 0 updates, 0 removals
- Locking brick/math (0.12.3)
- Locking carbonphp/carbon-doctrine-types (3.2.0)
- Locking dflydev/dot-access-data (v3.0.3)
- Locking doctrine/inflector (2.0.10)
- Locking doctrine/lexer (3.0.1)
- Locking dragonmantank/cron-expression (v3.4.0)
- Locking egulias/email-validator (4.0.4)
```

```
C:\Users\HICHAM\Desktop>cd mon-premier-projet

C:\Users\HICHAM\Desktop\mon-premier-projet>composer install
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Installing dependencies from lock file (including require-dev)
Verifying lock file contents can be installed on current platform.
Nothing to install, update or remove
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> php artisan package:discover --ansi

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

INFO Discovering packages.

laravel/pail ..... DONE
laravel/sail ..... DONE
laravel/tinker ..... DONE
nesbot/carbon ..... DONE
numomaduro/collision ..... DONE
numomaduro/termwind ..... DONE

0 packages you are using are looking for funding.
Run `composer fund` command to find out more!
```

## Lancer le projet d'exemple

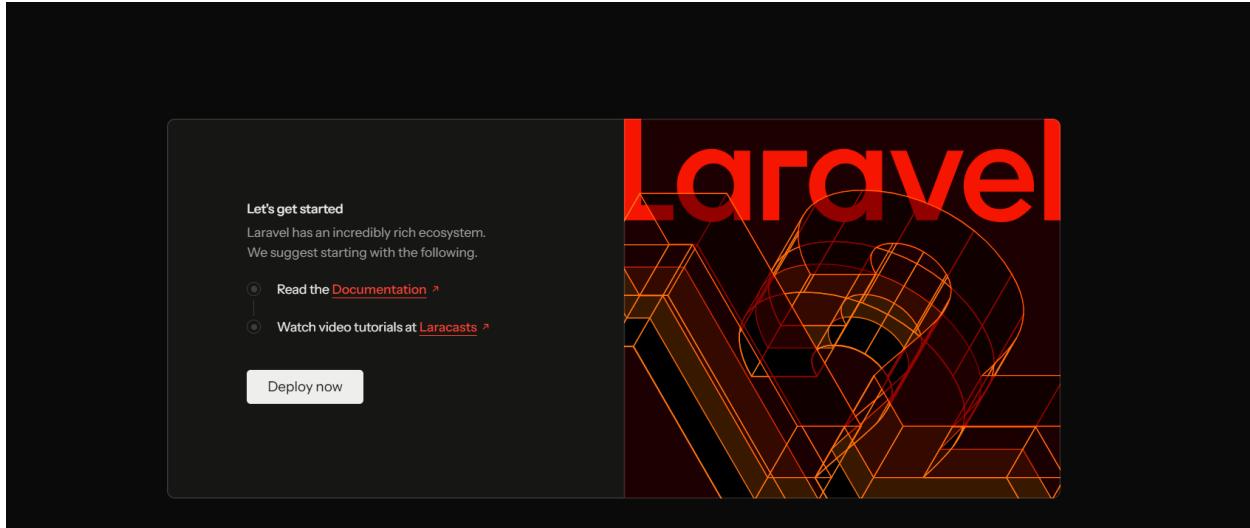
```

PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan serve
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Server running on [http://127.0.0.1:8000].
Press Ctrl+C to stop the server

```



## Modification du template par défaut

```

<!DOCTYPE html>
<html lang="{{ str_replace(search: '_', replace: '-', subject: app()>getLocale()) }}>
    <head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">

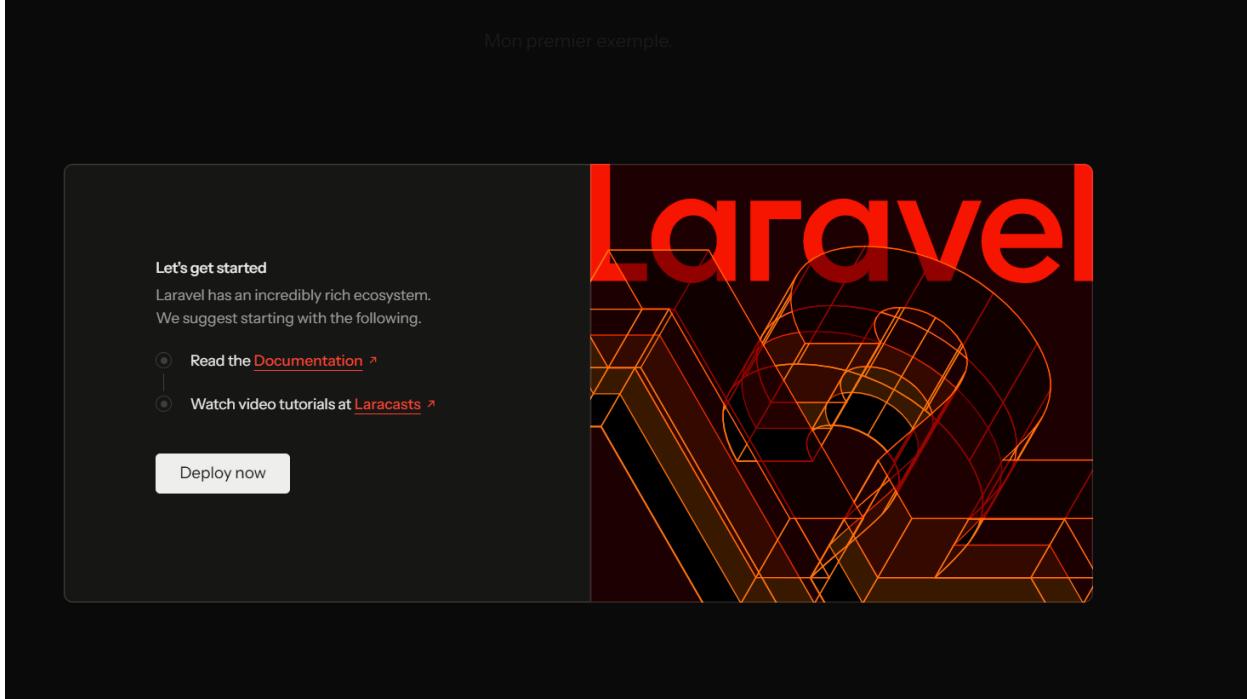
        <title>Laravel</title>

        <!-- Fonts -->
        <link rel="preconnect" href="https://fonts.bunny.net">
        <link href="https://fonts.bunny.net/css?family=instrument-sans:400,500,600" rel="stylesheet" />

        <!-- Styles / Scripts -->
        @if (file_exists(filename: public_path(path: 'build/manifest.json')) || file_exists(filename: public_path(pa
            @vite(entrypoints: ['resources/css/app.css', 'resources/js/app.js'])
        @else
            <style>
                /*! tailwindcss v4.0.7 | MIT License | https://tailwindcss.com */@layer theme{:root,:host{--font-sa
            </style>
        @endif
    </head>
    {{ $titre }}
<body class="bg-[#FDFDFC] dark:bg-[#0a0a0a] text-[#1b1b18] flex p-6 lg:p-8 items-center lg:justify-center min-h-100vh">
    <header class="w-full lg:max-w-4xl max-w-[335px] text-sm mb-6 not-has-[nav]:hidden">
        @if (Route::has(name: 'login'))
            <nav class="flex items-center justify-end gap-4">
                @auth

```

```
outes > 🌐 web.php > ...
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4
5  Route::get('/', action: function (): View {
6      return view(view: 'welcome', data: ['titre' => 'Mon premier exemple.']);
7  });
8
```



```
        , ' tailwindcss v1.9.11 | MIT License | https://tailwindcss.com' %> render
```

```
    </style>
  @endif
</head>
<body class="bg-[#FDFDFC] dark:bg-[#0a0a0a] text-[#1b1b18] flex p-6 lg:p-8 items-center lg:justify-center min-h-s
  <header class="w-full lg:max-w-4xl max-w-[335px] text-sm mb-6 not-has-[nav]:hidden">
    <p>Le Timestamp est {{ time() }}</p>
    @if (Route::has(name: 'login'))
      <nav class="flex items-center justify-end gap-4">
        @auth
          <a
            href="{{ url(path: '/dashboard') }}"
            class="inline-block px-5 py-1.5 dark:text-[#EDEDEC] border-[#191A40035] hover:border-[#191
        >
```

## Let's get started

Laravel has an incredibly rich ecosystem.

We suggest starting with the following.

Read the

- Le Timestamp est 1745853222
- [Documentation ↗](#)

Watch video tutorials at [Laracasts ↗](#)

[\*\*Deploy now\*\*](#)

## Ajouter une nouvelle Route

```
www web.php > ...
<?php

use Illuminate\Support\Facades\Route;
Route::get('/', action: function (): View {
    return view(view: 'welcome', data: ['titre' => 'Mon premier exemple.']);
});

Route::get(uri: '/ping', action: function (): string {
    return "pong";
});
```

## Ajouter une nouvelle vue

EXPLORER ... base.blade.php X

MON-PREMIER-PROJET

- > app
- > bootstrap
- > config
- > database
- > public
- ✓ resources
  - > css
  - > js
  - ✓ views
    - ✓ layouts
      - base.blade.php
      - welcome.blade.php
- ✓ routes
  - ✓ console.php
  - ✓ web.php
- > storage
- > tests
- > vendor
- ⚙ .editorconfig
- ⚙ .env
- \$ .env.example

resources > views > layouts > base.blade.php

```
1  <!DOCTYPE html>
2  <html lang="{{ app() ->getLocale() }}>
3  <head>
4      <meta charset="utf-8" />
5      <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6      <meta name="viewport" content="width=device-width, initial-scale=1" />
7
8      <title>Laravel - @yield('title')</title>
9
10     <!-- Fonts -->
11     <link
12         href="https://fonts.googleapis.com/css?family=Raleway:100,600"
13         rel="stylesheet"
14         type="text/css"
15     />
16
17     <!-- Styles -->
18     <style>
19         html,
20         body {
21             background-color: #fff;
22             color: #636b6f;
23             font-family: "Raleway", sans-serif;
24             font-weight: 100;
25         }
26     </style>
```

welcome.blade.php X

resources > views > welcome.blade.php

```
1  @extends('layouts.base')
2
3  @section('title', 'Bienvenue')
4
5  @section('content')
6      <div class="title m-b-md">Laravel</div>
7
8      <div class="links">
9          <a href="https://laravel.com/docs">Documentation</a>
10         <a href="https://laracasts.com">Laracasts</a>
11         <a href="https://laravel-news.com">News</a>
12         <a href="https://forge.laravel.com">Forge</a>
13         <a href="https://github.com/laravel/laravel">GitHub</a>
14     </div>
15     @endsection
```



*Utiliser le layout dans la route Pong*

```
ping.blade.php X
resources > views > ping.blade.php
1 @extends(view: 'layouts.base')
2
3 @section(section: 'title', content: 'Bienvenue')
4
5 @section(section: 'content')
6 |   <h1>PONG</h1>
7 @endsection
```

```
Route::get(uri: '/ping', action: function (): View {
    return view(view: 'ping');
});
```



PONG

## Utiliser un contrôleur

```
PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan make:controller PingPongControleur
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
INFO Controller [C:\Users\HICHAM\Desktop\mon-premier-projet\app\Http\Controllers\PingPongControleur.php] created successfully.
PS C:\Users\HICHAM\Desktop\mon-premier-projet>
```

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

0 references | 0 implementations
class PingPongControleur extends Controller
{
    0 references | 0 overrides
    public function ping(): View
    {
        return view('ping', data: []);
    }

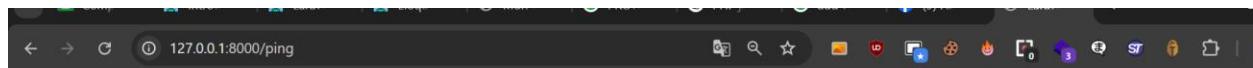
    0 references | 0 overrides
    public function pong(): View
    {
        return view('pong', data: []);
    }
}
```

```
<?php

use App\Http\Controllers\PingPongControleur;
use Illuminate\Support\Facades\Route;
Route::get(uri: '/', action: function (): View {
    return view(view: 'welcome', data: ['titre' => 'Mon premier exemple.']);
});

Route::get(uri: '/ping', action: [PingPongControleur::class, 'ping']);
Route::get(uri: '/pong', action: [PingPongControleur::class, 'pong']);
```

```
Go Run ⋮ ← → ⌂ mon-premier-projet  
pong.blade.php X  
resources > views > pong.blade.php > ...  
1 @extends('layouts.base')  
2  
3 @section('title', 'Bienvenue')  
4  
5 @section('content')  
6 | <h1>Ping</h1>  
7 @endsection
```



PONG

### Les directives



## Ping

```
PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan route:list
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

GET|HEAD      / .....                                         PingPongControleur@ping
GET|HEAD      ping .....                                     PingPongControleur@pong
GET|HEAD      pong .....                                     storage.local
GET|HEAD      storage/{path} .....                         storage.local
GET|HEAD      up .....                                     storage.local

Showing [5] routes
PS C:\Users\HICHAM\Desktop\mon-premier-projet>
```

## Les directives

```
@extends('view: 'layouts.base')

@section(section: 'title', content: 'Bienvenue')

@section(section: 'content')
    <h1>{{ $word }}</h1>
@endsection
```

```
3 references | 0 implementations
class PingPongControleur extends Controller
{
    1 reference | 0 overrides
    public function ping(): View
    {
        return view(view: 'ping', data: ['word' => 'PING']);
    }

    1 reference | 0 overrides
    public function pong(): View
    {
        return view(view: 'pong', data: []);
    }
}
```

### Créer une boucle

```
@extends(view: 'layouts.base')

@section(section: 'title', content: 'Bienvenue')

@section(section: 'content')
    <h1>{{ $word }}</h1>
    <ul>
        @foreach($serverInfo as $key => $value)
            <li>{{ $key }} : {{ $value }}</li>
        @endforeach
    </ul>
@endsection
```

```

3 references | 0 implementations
class PingPongControleur extends Controller
{
    1 reference | 0 overrides
    public function ping(): View
    {
        return view('ping', data: ['word' => 'PING', 'serverInfo' => $_SERVER]);
    }

    1 reference | 0 overrides
    public function pong(): View
    {
        return view('pong', data: []);
    }
}

```

The screenshot shows a browser window with the URL `127.0.0.1:8000/ping`. The page content is a large dump of PHP environment variables and configuration settings. Key visible entries include:

- `HTTP_SEC_CLOUDFLARE`: windows
- `HTTP_UPGRADE_INSECURE_REQUESTS`: 1
- `HTTP_USER_AGENT`: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/135.0.0.0 Safari/537.36
- `HTTP_ACCEPT`: text/html,application/xhtml+xml,application/xml,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.7
- `HTTP_SEC_FETCH_SITE`: none
- `HTTP_SEC_FETCH_MODE`: navigate
- `HTTP_SEC_FETCH_USER`: ?1
- `HTTP_SEC_FETCH_DEST`: document
- `HTTP_ACCEPT_ENCODING`: gzip, deflate, br, zstd
- `HTTP_ACCEPT_LANGUAGE`: fr-FR,fr;q=0.9,en-US;q=0.8,en;q=0.7,ar;q=0.7
- `HTTP_COOKIE`: XSRF-TOKEN=...; laravel\_session=...
- `REQUEST_TIME_FLOAT`: 1745857819.0819
- `REQUEST_TIME`: 1745857819
- `APP_NAME`: Laravel
- `APP_KEY`: base64...OY+UCHz...Q2JMYN2yCuBXLzuz2FjRDB8RrlpgGGI-
- `APP_DEBUG`: true
- `APP_URL`: http://localhost
- `APP_LOCALE`: en
- `APP_FALLBACK_LOCALE`: en
- `APP_FAKE_LOCALE`: en\_US
- `APP_MAINTENANCE_DRIVER`: file
- `PHP_CLI_SERVER_WORKERS`: 4
- `BCRYPT_ROUNDS`: 12
- `LOG_CHANNEL`: stack
- `LOG_STACK`: single
- `LOG_DEPRECATIONS_CHANNEL`: null
- `LOG_LEVEL`: debug
- `DB_CONNECTION`: sqlite
- `SESSION_DRIVER`: database
- `SESSION_LIFETIME`: 120
- `SESSION_ENCRYPT`: false
- `SESSION_PATH`: /
- `SESSION_DOMAIN`: null

## Créer une condition

```

sources > views > ping.blade.php
1  @extends(view: 'layouts.base')
2
3  @section(section: 'title', content: 'Bienvenue')
4
5  @section(section: 'content')
6      <h1>{{ $word }}</h1>
7      @if($word === 'PING')
8          <p>La page est en mode PING ({{ time() }})</p>
9      @else
10         <p>La page est en mode PONG ({{ time() }})</p>
11     @endif
12   @endsection

```



## PING

La page est en mode PING (1745857962)

## Les messages flash

```

PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan make:controller TestFlashController
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
[INFO] Controller [C:\Users\HICHAM\Desktop\mon-premier-projet\app\Http\Controllers\TestFlashController.php] created successfully.

```

```

ces > views > www.blade.php

@extends(view: 'layouts.base')

@section(section: 'title', content: 'Bienvenue')

✓ @section(section: 'content')
✓ <form action="/traitement" method="post">
    @csrf
    <input type="text" name="texte" />
    <button type="submit">Envoyer</button>
</form>
@endsection

```

```

public function traitement(Request $request): RedirectResponse
{
    if ($request->texte === '') {
        return redirect()->back()->with(key: 'error', value: 'Le champ texte ne peut pas être vide');
    }

    return redirect()->back()->with(key: 'success', value: 'Le champ texte est bien rempli');
}

```

```

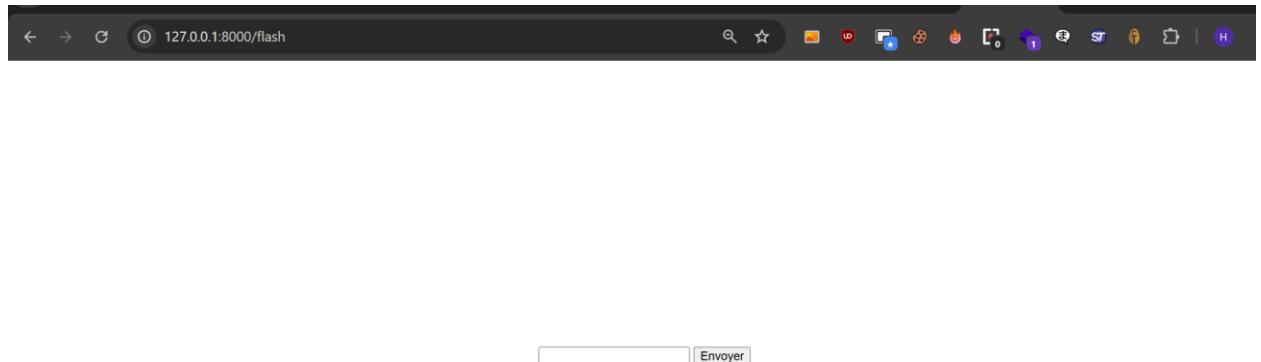
<?php

use App\Http\Controllers\PingPongControleur;
use App\Http\Controllers\TestFlashController;
use Illuminate\Support\Facades\Route;
    Double-click to insert

Route::get(uri: '/', action: function (): View {
    return view(view: 'welcome', data: ['titre' => 'Mon premier exemple.']);
});

Route::get(uri: '/ping', action: [PingPongControleur::class, 'ping']);
Route::get(uri: '/pong', action: [PingPongControleur::class, 'pong']);
Route::get(uri: '/flash', action: [TestFlashController::class, 'main']);
Route::post(uri: '/traitement', action: [TestFlashController::class, 'traitement']);

```



es > views > flash.blade.php

```
@section(section: 'title', content: 'Bienvenue')

@section(section: 'content')
<form action="/traitement" method="post">
    @csrf
    <input type="text" name="texte" />
    <button type="submit">Envoyer</button>
</form>
@if(session(key: 'error'))
    <div style="color: red;">{{ session(key: 'error') }}</div>
@endif

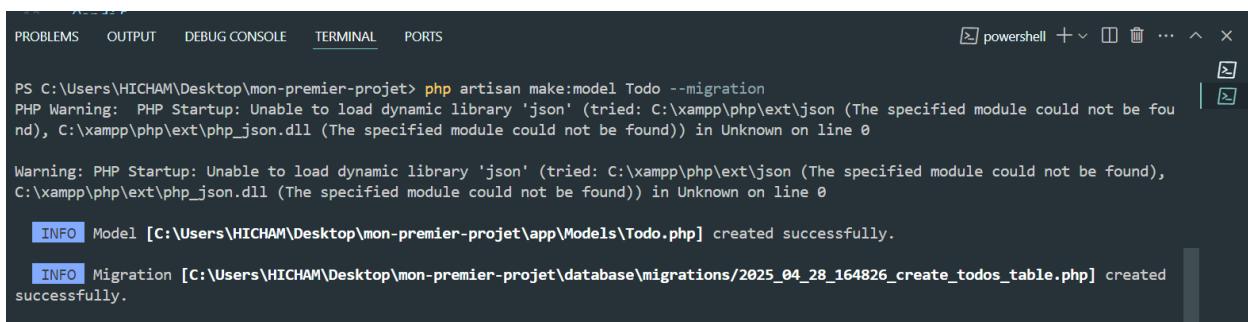
@if(session(key: 'success'))
    <div style="color: green;">{{ session(key: 'success') }}</div>
@endif
@endsection
```



Envoyer

Le champ texte est bien rempli

## La base de données



```
PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan make:model Todo --migration
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

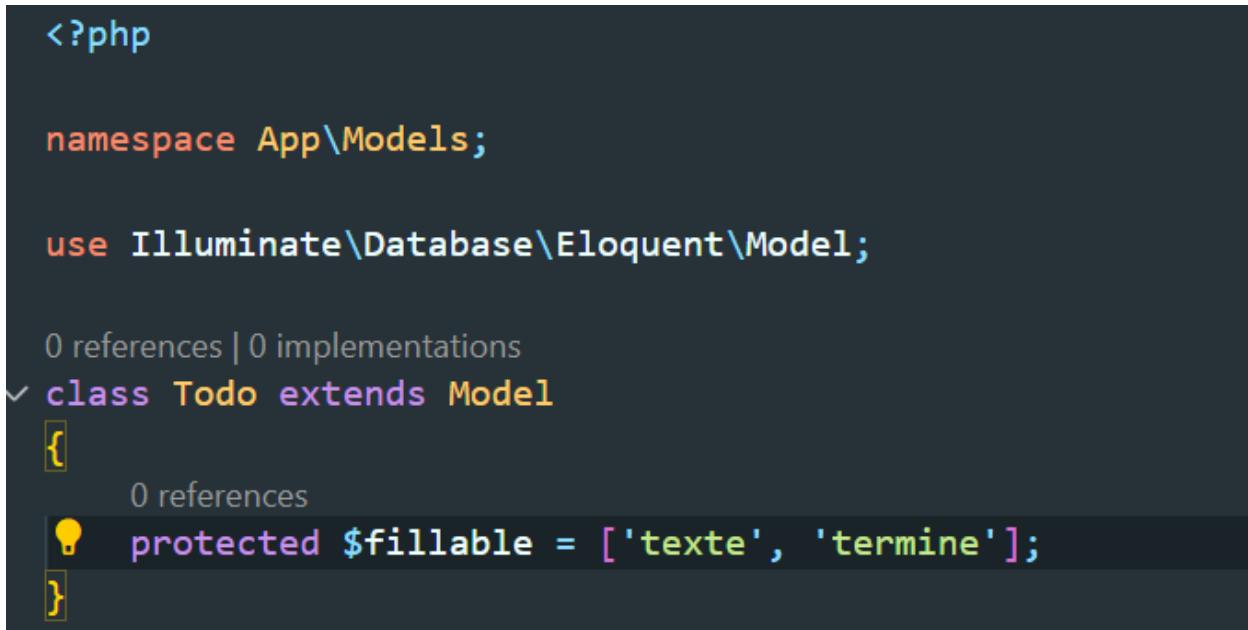
[INFO] Model [C:\Users\HICHAM\Desktop\mon-premier-projet\app\Models\Todo.php] created successfully.

[INFO] Migration [C:\Users\HICHAM\Desktop\mon-premier-projet\database\migrations\2025_04_28_164826_create.todos_table.php] created successfully.
```



```
/*
 * Schema::create('todos', function (Blueprint $table) {
 *     $table->id();
 *     $table->timestamps();
 *     $table->string('texte');
 *     $table->boolean('termine')->default(false);
 * });
 */
```

## Définition du modèle



```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

0 references | 0 implementations
✓ class Todo extends Model
{
    0 references
    protected $fillable = ['texte', 'termine'];
}
```

## Créer réellement vos tables

```

PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan migrate
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Running migrations.

2025_04_28_164826_create.todos_table ..... 7.16ms DONE

```

## Créer un Middleware

```

PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan make:middleware CheckTodo
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Middleware [C:\Users\HICHAM\Desktop\mon-premier-projet\app\Http\Middleware\CheckTodo.php] created successfully.

PS C:\Users\HICHAM\Desktop\mon-premier-projet>

```

```

<?php

namespace App\Http\Middleware;

use Closure;
use Illuminate\Http\Request;
use Symfony\Component\HttpFoundation\Response;

0 references | 0 implementations
class CheckTodo
{
    /**
     * Handle an incoming request.
     *
     * @param \Closure(\Illuminate\Http\Request): (\Symfony\Component\HttpFoundation\Response) $next
     */
    0 references | 0 overrides
    public function handle(Request $request, Closure $next): RedirectResponse|Response
    {
        if (strpos($request->texte, needle: 'twitter') !== false) {
            return redirect()->back()->with(key: 'error', value: 'Le mot twitter est interdit');
        }

        return $next($request);
    }
}

Route::get(uri: '/pong', action: [PingPongContrôleur::class, 'pong']);
Route::get(uri: '/flash', action: [TestFlashController::class, 'main'])->middleware(TestFlashController::class);

```

## Gérer de l'authentification

```

PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan make:model Utilisateur --migration
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Model [C:\Users\HICHAM\Desktop\mon-premier-projet\app\Models\Utilisateur.php] created successfully.

[INFO] Migration [C:\Users\HICHAM\Desktop\mon-premier-projet\database\migrations\2025_04_28_170415_create.utilisateurs_table.php] created successfully.

```

```

    */
    public function up(): void
    {
        Schema::create('utilisateurs', callback: function (Blueprint $table): void {
            $table->id();
            $table->string(column: 'name');
            $table->string(column: 'email');
            $table->string(column: 'password');

            $table->timestamps();
        });
    }

```

/ lividers > Utilisateur.php > PHP Intégration > Utilisateur

```

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

0 references | 0 implementations
class Utilisateur extends Model
{
    0 references
    protected $fillable = ['name', 'email', 'password'];
}

```

### Créer un contrôleur pour l'authentification

```

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found),
C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0 | ↵

INFO Running migrations.

2025_04_28_170415_create_utilisateurs_table ..... 15.85ms DONE

PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan make:controller AuthentificationControleur
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found),
C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found),
C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

INFO Controller [C:\Users\HICHAM\Desktop\mon-premier-projet\app\Http\Controllers\AuthentificationControleur.php] created successfully.

PS C:\Users\HICHAM\Desktop\mon-premier-projet>

```

```

use Illuminate\Http\Request;
use App\Models\Utilisateur;
use Illuminate\Support\Facades\Hash;
use Illuminate\Support\Facades\Session;

5 references | 0 implementations
class AuthentificationControleur extends Controller
{
    // Affiche Le formulaire de connexion
    1 reference | 0 overrides
    public function login(): View
    {
        return view(view: 'login');
    }

    // Traite Le formulaire de connexion
    1 reference | 0 overrides
    public function traitementLogin(Request $request): RedirectResponse
    {
        $utilisateur = Utilisateur::where(column: 'email', operator: $request->email)->first();

        if ($utilisateur && Hash::check(value: $request->password, hashedValue: $utilisateur->password))
            Session::put(key: 'utilisateur', value: $utilisateur);
            return redirect(to: '/')->with(key: 'success', value: 'Connexion réussie !');
    }

    return redirect(to: '/login')->with(key: 'error', value: 'Email ou mot de passe incorrect.');
}

```

```

Route::get(uri: '/', action: function (): View {
    return view(view: 'welcome', data: ['titre' => 'Mon premier exemple.']);
});

Route::get(uri: '/ping', action: [PingPongControleur::class, 'ping']);
Route::get(uri: '/pong', action: [PingPongControleur::class, 'pong']);
Route::get(uri: '/flash', action: [TestFlashController::class, 'main'])->middleware(middleware: TestFlashController::);
Route::post(uri: '/traitement', action: [TestFlashController::class, 'traitement']);
Route::get(uri: '/login', action: [AuthentificationControleur::class, 'login']);
Route::post(uri: '/traitementLogin', action: [AuthentificationControleur::class, 'traitementLogin']);

// Formulaire inscription
Route::get(uri: '/register', action: [AuthentificationControleur::class, 'register']);
Route::post(uri: '/traitementRegister', action: [AuthentificationControleur::class, 'traitementRegister']);

```

```
ECM > VIEWS > login.blade.php
@extends('layouts.base')

@section(section: 'title', content: 'Connexion')

@section(section: 'content')
@if ($session(key: 'error'))
    <div style="color: red;">{{ session(key: 'error') }}</div>
@endif

@if ($session(key: 'success'))
    <div style="color: green;">{{ session(key: 'success') }}</div>
@endif

<form action="/traitementLogin" method="post">
    @csrf
    <input type="email" name="email" placeholder="Email" required>
    <br>
    <input type="password" name="password" placeholder="Mot de passe" required>
    <br>
    <button type="submit">Connexion</button>
</form>
@endsection
```

```
@extends('layouts.base')

@section(section: 'title', content: 'Inscription')

@section(section: 'content')
@if ($errors->any())
    <div style="color: red;">
        @foreach ($errors->all() as $error)
            <div>{{ $error }}</div>
        @endforeach
    </div>
@endif

<form action="/traitementRegister" method="post">
    @csrf
    <input type="text" name="name" placeholder="Nom" required>
    <br>
    <input type="email" name="email" placeholder="Email" required>
    <br>
    <input type="password" name="password" placeholder="Mot de passe" required>
    <br>
    <button type="submit">Créer un compte</button>
</form>
@endsection
```



## Créer un Middleware pour l'authentification

```
PS C:\Users\HICHAM\Desktop\mon-premier-projet> php artisan make:middleware CheckAuth
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
INFO [Middleware [C:\Users\HICHAM\Desktop\mon-premier-projet\app\Http\Middleware\CheckAuth.php] created successfully.
```

```
<?php

namespace App\Http\Middleware;

use Closure;
use Illuminate\Http\Request;
use Symfony\Component\HttpFoundation\Response;

0 references | 0 implementations
class CheckAuth
{
    /**
     * Gère une requête entrante.
     */
    0 references | 0 overrides
    public function handle(Request $request, Closure $next): Response
    {
        // Vérifier si l'utilisateur est connecté dans la session
        if (!$request->session()->has(key: 'utilisateur')) {
            // Si pas connecté, on redirige vers Login
            return redirect(to: '/login')->with(key: 'error', value: 'Veuillez vous connecter.');
        }

        return $next($request);
    }
}

Route::get(uri: '/ping', action: [PingPongControleur::class, 'ping'])->middleware(middleware: 'auth.custom');
Route::get(uri: '/pong', action: [PingPongControleur::class, 'pong']);
```

# Partie 2:l'authentification

## Créer le Projet

```
C:\Users\HICHAM\Desktop>composer create-project laravel/laravel tp5_auth
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Creating a "laravel/laravel" project at "./tp5_auth"
Installing laravel/laravel (v12.0.7)
- Installing laravel/laravel (v12.0.7): Extracting archive
Created project in C:\Users\HICHAM\Desktop\tp5_auth
> @php -r "file_exists('.env') || copy('.env.example', '.env');"

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Loading composer repositories with package information
Updating dependencies
Lock file operations: 110 installs, 0 updates, 0 removals
```

## Installer la laravel debug bar

```
PS C:\Users\HICHAM\Desktop\tp5_auth> composer require barryvdh/laravel-debugbar --dev
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
./composer.json has been updated
Running composer update barryvdh/laravel-debugbar
Loading composer repositories with package information
Updating dependencies
Lock file operations: 2 installs, 0 updates, 0 removals
- Locking barryvdh/laravel-debugbar (v3.15.4)
- Locking php-debugbar/php-debugbar (v2.1.6)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 2 installs, 0 updates, 0 removals
- Downloading php-debugbar/php-debugbar (v2.1.6)
- Downloading barryvdh/laravel-debugbar (v3.15.4)
- Installing php-debugbar/php-debugbar (v2.1.6): Extracting archive
- Installing barryvdh/laravel-debugbar (v3.15.4): Extracting archive
```

## Ajout de la dépendance

```
PS C:\Users\HICHAM\Desktop\tp5_auth>
PS C:\Users\HICHAM\Desktop\tp5_auth> composer require laravel/breeze --dev
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
./composer.json has been updated
Running composer update breeze
Loading composer repositories with package information
Updating dependencies
Nothing to modify in lock file
Writing lock file
Installing dependencies from lock file (including require-dev)
Nothing to install, update or remove
Generating optimized autoload files
```

```
PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan migrate
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
[INFO] Nothing to migrate.
```

```

PS C:\Users\HITCHAM\Desktop\tp5_auth> php artisan breeze:install
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

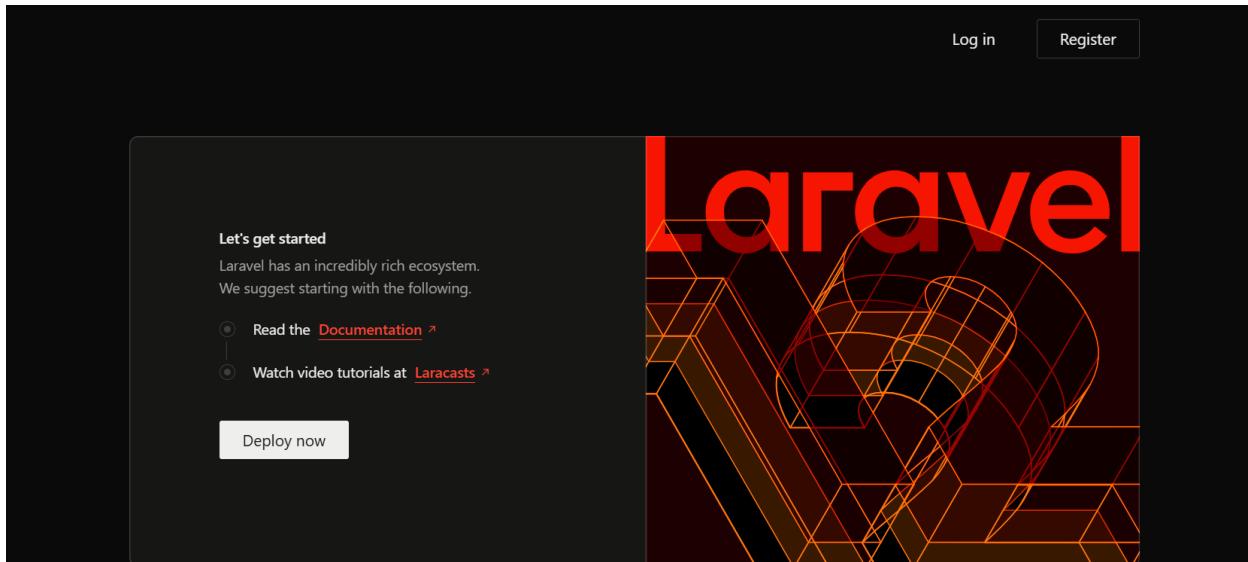
Which Breeze stack would you like to install?
Blade with Alpine ..... blade
Livewire (Volt Class API) with Alpine ..... livewire
Livewire (Volt Functional API) with Alpine ..... livewire-functional
React with Inertia ..... react
Vue with Inertia ..... vue
API only ..... api
↳ Which Breeze stack would you like to install?
Blade with Alpine ..... blade
Livewire (Volt Class API) with Alpine ..... livewire
Livewire (Volt Functional API) with Alpine ..... livewire-functional
React with Inertia ..... react
Vue with Inertia ..... vue
API only ..... api
↳ blade

Would you like dark mode support? (yes/no) [no]
↳ yes

Which testing framework do you prefer? [Pest]
Pest ..... 0
PHPUnit ..... 1
↳ 1

```

## L'UI



```
C:\Users\HICHAM\Desktop\tp5_auth>npm run dev

> dev
> vite

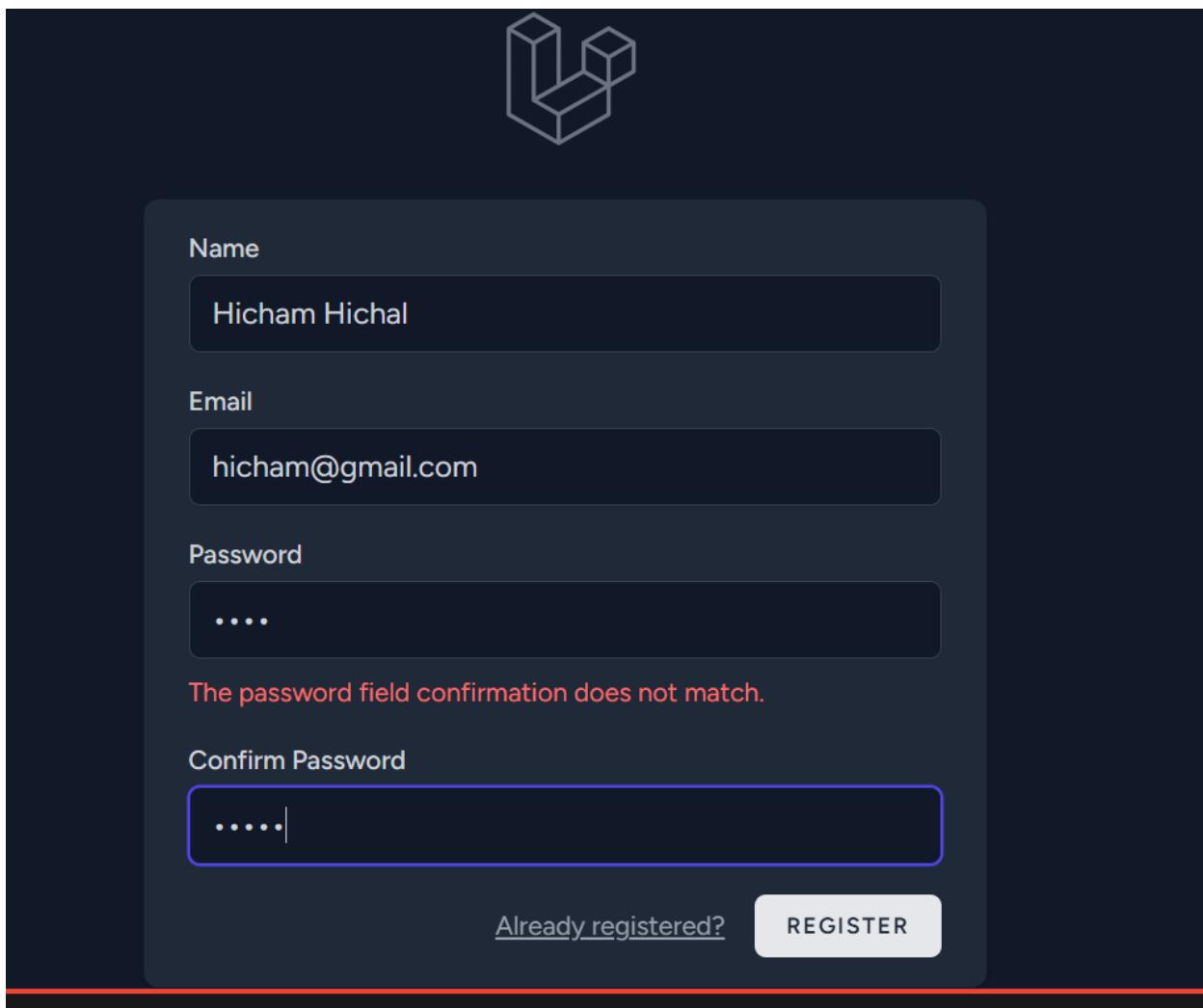
VITE v6.3.4  ready in 658 ms

  Local:  http://localhost:5173/
  Network: use --host to expose
  press h + enter to show help

LARAVEL v11.44.7  plugin v1.2.0

  APP_URL: http://localhost
```

### Tester le code



A dark-themed registration form featuring a large Laravel logo at the top. The form includes fields for Name, Email, Password, and Confirm Password. A confirmation message is displayed below the password fields.

Name  
Hicham Hichal

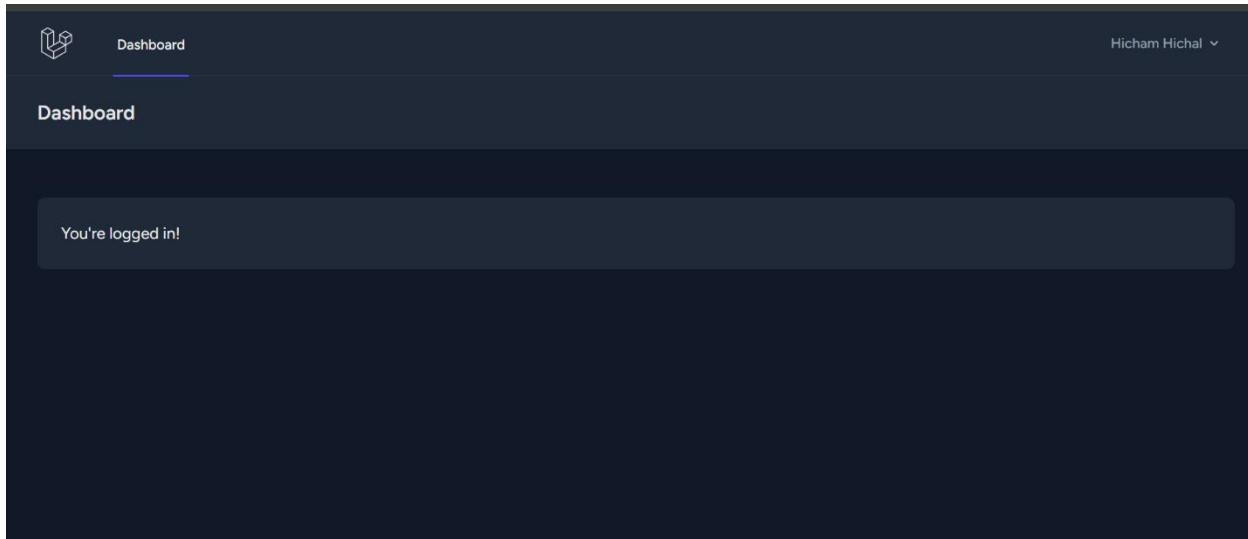
Email  
hicham@gmail.com

Password  
.....

The password field confirmation does not match.

Confirm Password  
.....|

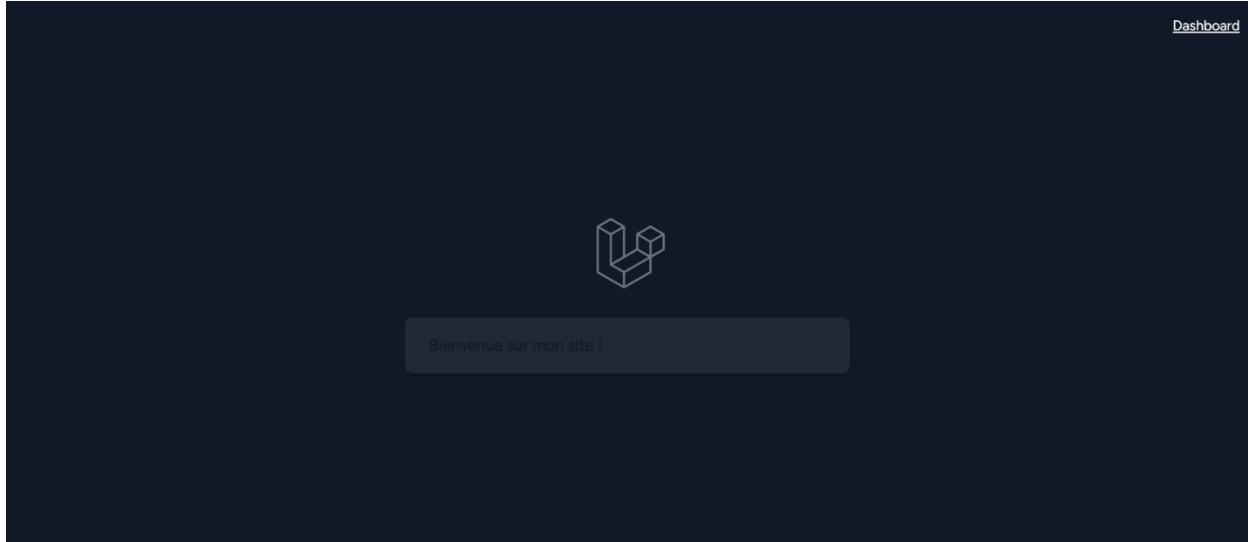
[Already registered?](#) [REGISTER](#)



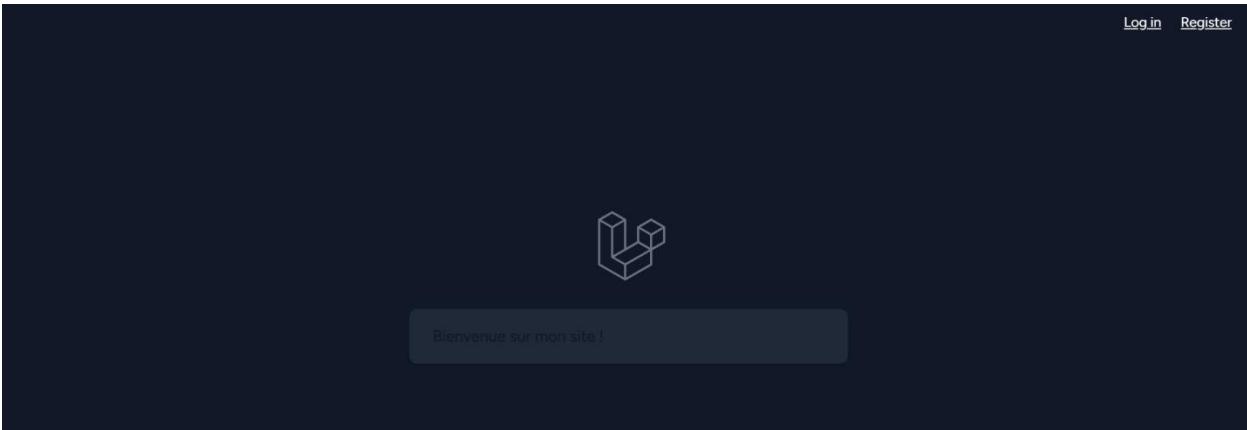
### Les « Composants » et les templates blades

```
ces > views > 🗂️ welcome.blade.php
└── <x-guest-layout>
    @if (Route::has('login'))
        <div class="fixed top-0 right-0 px-6 py-4 sm:block">
            @auth
                <a href="{{ url(path: '/dashboard') }}" class="text-sm text-white underline">Dashboard</a>
            @else
                <a href="{{ route(name: 'login') }}" class="text-sm text-white underline">Log in</a>
            @endif
            @endauth
        </div>
    @endif

    Bienvenue sur mon site !
</x-guest-layout>
```



Si utilisateur n'est pas authentifie



resources > views > components > card.blade.php

```
1 <div class="min-h-screen flex flex-col sm:justify-center items-center pt-6 sm:pt-0 bg-gray-100">
2   <div class="w-full sm:max-w-md mt-6 px-6 py-4 bg-white shadow-md overflow-hidden sm:rounded-lg">
3     {{ $slot }}
4   </div>
5 </div>
```

### Protéger une page

```
PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan make:controller YoloController
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
[INFO] Controller [C:\Users\HICHAM\Desktop\tp5_auth\app\Http\Controllers\YoloController.php] created successfully.
```

```
Http > Controllers > YoloController.php > ...
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

0 references | 0 implementations
class YoloController extends Controller
{
    0 references | 0 overrides
    public function publicView(): View
    {
        return view('yolo.publicView');
    }

    0 references | 0 overrides
    public function privateView(): View
    {
        return view('yolo.privateView');
    }
}
```

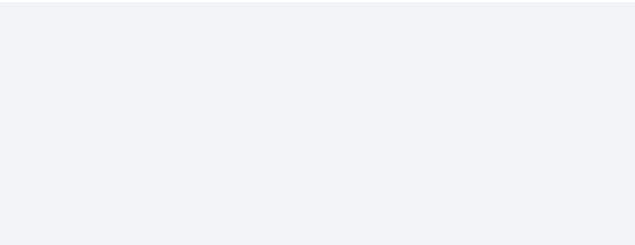
```
<x-guest-layout>
  <x-card>
    <div class="text-center font-bold text-indigo-600">Bonjour Mr Anonyme !</div>
  </x-card>
</x-guest-layout>
```

```
ces > views > yolo > privateView.blade.php
<x-app-layout>
  <x-slot name="header">
    <h2 class="font-semibold text-xl text-gray-800 leading-tight">Hello</h2>
  </x-slot>

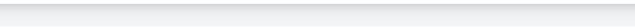
  <div class="p-5">
    <div class="text-center font-bold text-indigo-600">
      Bonjour {{Auth::user()->name}} !
    </div>
  </div>
</x-app-layout>
```

```
};

Route::get(uri: '/yolo', action: [YoloController::class, 'publicView']);
Route::get(uri: '/yolo-connected', action: [YoloController::class, 'privateView'])->middleware(middleware: 'auth');
require __DIR__ . '/auth.php';
```



Bonjour Mr Anonyme 🤝



### Modifier les informations demandées

```
PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan make:migration add_pseudo_to_users_table --table=users
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
nd), C:\xampp\php\ext\php_json.dll (The specified module could not be found) in Unknown on line 0
nd), C:\xampp\php\ext\php_json.dll (The specified module could not be found) in Unknown on line 0
nd), C:\xampp\php\ext\php_json.dll (The specified module could not be found) in Unknown on line 0
nd), C:\xampp\php\ext\php_json.dll (The specified module could not be found) in Unknown on line 0
nd), C:\xampp\php\ext\php_json.dll (The specified module could not be found) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Migration [C:\Users\HICHAM\Desktop\tp5_auth\database\migrations\2025_05_01_201300_add_pseudo_to_users_table.php] created successfully.
```

```

se > migrations > 2025_05_01_201300_add_pseudo_to_users_table.php > class
<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::table('users', callback: function (Blueprint $table): void {
            $table->string('pseudo')->nullable();
        });
    }

    public function down(): void
    {
        Schema::table('users', callback: function (Blueprint $table): void {
            $table->dropColumn('pseudo');
        });
    }
};

```

✖ Error in Laravel Extender

```

PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan migrate
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Running migrations.

2025_05_01_201300_add_pseudo_to_users_table ..... 256.02ms DONE

```

```

PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan make:model Personne --migration
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Model [C:\Users\HICHAM\Desktop\tp5_auth\app\Models\Personne.php] created successfully.

[INFO] Migration [C:\Users\HICHAM\Desktop\tp5_auth\database\migrations\2025_05_01_202143_create_personnes_table.php] created successfully

```

```

/*
public function up(): void
{
    Schema::create(table: 'personnes', callback: function (Blueprint $table): void {
        $table->id();
        $table->string(column: 'ville');
        $table->date(column: 'dateNaissance');
        $table->string(column: 'genre');
        $table->foreignId(column: 'userId')->constrained(table: 'users');
        $table->timestamps();
    });
}

```

```

public function store(Request $request): RedirectResponse
{
    $request->validate(rules: [
        'name' => ['required', 'string', 'max:255'],
        'email' => ['required', 'string', 'lowercase', 'email', 'max:255', 'unique:'.User::class],
        'password' => ['required', 'confirmed', Rules\Password::defaults()],
        'ville' => ['required', 'string'],
        'dateNaissance' => ['required', 'date'],
        'genre' => ['required', 'string'],
    ]);

    $user = User::create(attributes: [
        'name' => $request->name,
        'email' => $request->email,
        'password' => Hash::make(value: $request->password),
    ]);
    Personne::create(attributes: [
        'ville' => $request->ville,
        'dateNaissance' => $request->dateNaissance,
        'genre' => $request->genre,
        'userId' => $user->id, // Lier la personne à l'utilisateur
    ]);

    event(args: new Registered(user: $user));
}

```

*Afficher les informations de l'utilisateur*

```
Http > Controllers > DashboardController.php > ...
use Illuminate\Http\Request;

0 references | 0 implementations
class DashboardController extends Controller
{
    0 references | 0 overrides
    public function index(): View
    {
        /**
         * Ici je récupère la personne connectée,
         * mais le mieux serait de faire une relation dans le modèle User
         */
        public function personne(){
            return $this->hasOne(Personne::class, 'userId', 'id');
        }

        /**
         * ET de récupérer la personne via :
         */

        $personne = Auth::user()->personne;
    }

    $personne = Personne::where('userId', Auth::user()->id)->first();
    return view(view: 'dashboard', data: ['personne' => $personne]);
}
}
```

```
0 references | 0 overrides
public function personne(): HasOne
{
    return $this->hasOne(related: Personne::class, foreignKey: 'userId', localKey: 'id');
}
```

```
<?php

namespace App\Http\Controllers;

use App\Models\Personne;

0 references | 0 implementations
class PersonneController extends Controller
{
    /**
     * Afficher la liste de toutes les personnes.
     *
     * @return \Illuminate\View\View
     */
    0 references | 0 overrides
    public function index(): View
    {
        // Récupérer toutes les personnes de la base de données
        $personnes = Personne::all();

        // Retourner la vue avec la liste des personnes
        return view('personnes.index', ['personnes' => $personnes]);
    }
}
```

```
<?php
// app/Http/Controllers/PersonneController.php
namespace App\Http\Controllers;

use App\Models\Personne;

2 references | 0 implementations
class PersonneController extends Controller
{
    1 reference | 0 overrides
    public function index(): View
    {
        // Récupérer toutes les personnes
        $personnes = Personne::all();
        return view(view: 'personnes.index', data: compact(var_name: 'personnes'));
    }
}
```

```
@extends(view: 'layouts.app')

@section(section: 'content')
<div class="container">
    <h1>Liste des Personnes</h1>

    <table class="table">
        <thead>
            <tr>
                <th>ID</th>
                <th>Nom</th>
                <th>Ville</th>
                <th>Date de naissance</th>
                <th>Genre</th>
            </tr>
        </thead>
        <tbody>
            @foreach ($personnes as $personne)
                <tr>
                    <td>{{ $personne->id }}</td>
                    <td>{{ $personne->user->name }}</td> <!-- A
                    <td>{{ $personne->ville }}</td>
                    <td>{{ $personne->dateNaissance }}</td>
                    <td>{{ $personne->genre }}</td>
                </tr>
            @endforeach
        </tbody>
    </table>
</div>
@endsection
```

Ln 16

```

@extends('view: 'layouts.app')

@section(section: 'content')
<div>.class="container">
    <h1>Liste des Personnes</h1>

    <table>.class="table">
        <thead>
            <tr>
                <th>ID</th>
                <th>Nom</th>
                <th>Ville</th>
                <th>Date de naissance</th>
                <th>Genre</th>
            </tr>
        </thead>
        <tbody>
            @foreach ($personnes as $personne)
                <tr>
                    <td>{{ $personne->id }}</td>
                    <td>{{ $personne->user->name }}</td> // Affiche Le nom de l'utilisateur
                    <td>{{ $personne->ville }}</td>
                    <td>{{ $personne->dateNaissance }}</td>
                    <td>{{ $personne->genre }}</td>
                </tr>
            @endforeach
        </tbody>
    </table>
</div>
@endsection

```

### Créer la table roles

```

PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan make:migration create_roles_table
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Migration [C:\Users\HICHAM\Desktop\tp5_auth\database\migrations\2025_05_01_204559_create_roles_table.php] created successfully.

```

```

PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan make:migration create_role_user_table
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Migration [C:\Users\HICHAM\Desktop\tp5_auth\database\migrations\2025_05_01_204920_create_role_user_table.php] created successfully.

```

```

public function up(): void
{
    Schema::create('roles', callback: function (Blueprint $table): void {
        $table->id();
        $table->string(column: 'name');
        $table->timestamps();
    });
}

/**
 * Reverse the migrations.

```

```

PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan make:migration create_role_user_table
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Migration [C:\Users\HICHAM\Desktop\tp5_auth\database\migrations\2025_05_01_205012_create_role_user_table.php] created successfully.

```

```

*/
public function up(): void
{
    Schema::create('role_user', callback: function (Blueprint $table): void {
        $table->id();
        $table->foreignId(column: 'user_id')->constrained();
        $table->foreignId(column: 'role_id')->constrained();
        $table->timestamps();
    });
}

```

```

PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan make:model Role
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Model [C:\Users\HICHAM\Desktop\tp5_auth\app\Models\Role.php] created successfully.

```

```

PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan make:model RoleUser
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Model [C:\Users\HICHAM\Desktop\tp5_auth\app\Models\RoleUser.php] created successfully.

```

```
namespace App\Models;

use Illuminate\Database\Eloquent\Model;

0 references | 0 implementations
class Role extends Model
{
    0 references | 0 overrides
    public function users(): BelongsToMany
    {
        return $this->belongsToMany(related: User::class);
    }
}
```

Models > **RoleUser.php** > PHP > **RoleUser**

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

0 references | 0 implementations
class RoleUser extends Model
{
    0 references | 0 overrides
    public function user(): BelongsTo
    {
        return $this->belongsTo(related: User::class);
    }

    0 references | 0 overrides
    public function role(): BelongsTo
    {
        return $this->belongsTo(related: Role::class);
    }
}
```

```
0 references | 0 overrides
public function roles(): BelongsToMany
{
    return $this->belongsToMany(related: Role::class);
}
```

```

0 references | 0 overrides
✓ public function roles(): View
{
    $roles = Auth::user()->roles;
    return view(view: 'roles', data: ['roles' => $roles]);
}

public function glowUpAsAdmin(): mixed|RedirectResponse
{
    $user = Auth::user();
    $user->roles()->sync(ids: [1]);
    return redirect()->route(route: 'dashboard');
}

```

### Ajouter un système de chat

```

PS C:\Users\HICHAM\Desktop\tp5_auth> php artisan make:migration create_messages_table --create=messages
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Migration [C:\Users\HICHAM\Desktop\tp5_auth\database\migrations\2025_05_01_211221_create_messages_table.php] created successfully.

```

```

return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up()
    {
        Schema::create('messages', function (Blueprint $table) {
            $table->id();
            $table->unsignedBigInteger('user_id');
            $table->text('content');
            $table->timestamps();
        });
    }
}

```

**Message.php**

```
app > Models > Message.php > ...
1 <?php
2
3 namespace App\Models;
4
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7
8 class Message extends Model
9 {
10     use HasFactory;
11
12     protected $fillable = ['user_id', 'content'];
13 }
14
```

**User.php**

```
app > Models > User.php > ...
10 class User extends Authenticatable
11 {
12     6 references | 0 overrides
13     public function roles(): BelongsToMany
14     {
15         return $this->belongsToMany(related: Role::class);
16     }
17     0 references | 0 overrides
18     public function messages(): HasMany
19     {
20         return $this->hasMany(related: Message::class);
21     }
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
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58
59
60
61
62
63
64
```

```

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

use App\Models\Message;

class ChatController extends Controller
{
    public function index(): View
    {
        return view('chat');
    }

    public function sendMessage(Request $request): View
    {
        $message = new Message();
        $message->user_id = Auth::id();
        $message->content = $request->message;
        $message->save();
        dd($vars: $request->all());

        return view('partials.messages', [
            'messages' => Message::latest()->get()
        ]);
    }

    public function getMessages(): View

```

```

@extends('layouts.app')

@section('section', 'content')


# Live Chat



    <!-- Messages -->
    <div id="messages"
        hx-get="/getMessages"
        hx-trigger="load, every 2s"
        class="h-80 overflow-y-auto bg-gray-100 rounded-lg p-4 space-y-3 border border-gray-300">
        <p class="text-gray-500">Chargement des messages...</p>
    </div>

    <!-- Form -->
    <form hx-post="/sendMessage"
        hx-target="#messages"
        hx-swap="innerHTML"
        class="mt-4 flex gap-3">
        @csrf
        <input type="text"
            name="message"
            placeholder="Tapez votre message..."
            class="flex-1 px-4 py-2 rounded-lg border border-gray-300 focus:ring-2 focus:ring-blue-500 focus:outline-none"
            required>
        <button type="submit"
            class="px-6 py-2 bg-blue-600 text-white rounded-lg hover:bg-blue-700 transition">
            Envoyer
        </button>
    </form>

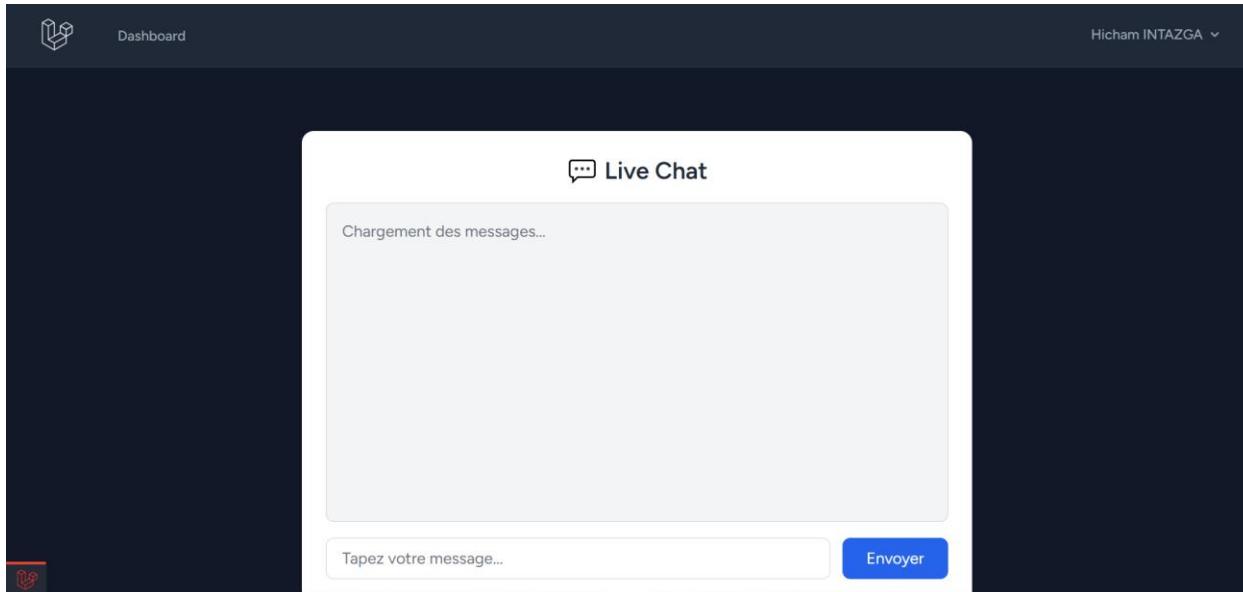

```

```

@foreach($messages as $message)
    <div class="message border-bottom py-1">
        <strong>{{ $message->user->name }}</strong>
        <small class="text-muted">{{ $message->created_at->format('d/m/Y H:i') }}</small>
        <p>{{ $message->content }}</p>

        @if (Auth::user()->roles->contains('name', 'admin'))
            <form action="/messages/{{ $message->id }}" method="POST" hx-delete="/messages/{{ $message->id }}" hx-target="#message-{{ $message->id }}"
                  @csrf
                  @method('DELETE')
            <button type="submit" class="btn btn-danger btn-sm">Supprimer</button>
            </form>
        @endif
    </div>
@endforeach

```



# Partie 3 :Génération model

## *Créer le Projet*

```

C:\Users\HICHAM\Desktop\tp3modèles>composer create-project --prefer-dist laravel/laravel generation-de-mo
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Creating a "laravel/laravel" project at "./generation-de-mo
Installing laravel/laravel (v11.6.1)
- Downloading laravel/laravel (v11.6.1)
- Installing laravel/laravel (v11.6.1): Extracting archive
Created project in C:\Users\HICHAM\Desktop\tp3modèles\generation-de-mo
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Loading composer repositories with package information

```

```

.env
.env
1 APP_NAME=Laravel
2 APP_ENV=local
3 APP_KEY=base64:kz4i+Rqleqknj71jBMa3G7zANuzA5uT70wxqPQ975rA=
4 APP_DEBUG=true
5 APP_TIMEZONE=UTC
6 APP_URL=http://localhost
7
8 APP_LOCALE=en
9 APP_FALLBACK_LOCALE=en
10 APP_FAKE_LOCALE=en_US
11
12 APP_MAINTENANCE_DRIVER=file
13 # APP_MAINTENANCE_STORE=database
14
15 PHP_CLI_SERVER_WORKERS=4
16
17 BCRYPT_ROUNDS=12
18
19 LOG_CHANNEL=stack
20 LOG_STACK=single
21 LOG_DEPRECATED_CHANNEL=null
22 LOG_LEVEL=debug
23
24 DB_CONNECTION=mysqli
25 # DB_HOST=127.0.0.1
26 # DB_PORT=3306
27 # DB_DATABASE=Laravel
28 # DB_USERNAME=root
29 # DB_PASSWORD=

```

```

PS C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modele> php artisan serve
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

```

```

C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modele>mysql -u root -P 3306 -p modele < "C:\Users\HICHAM\Downloads\mysqlsampledatabase.sql"
Enter password:

```

	customers	Parcourir	Structure	Rechercher	Insérer	Vider	Supprimer	122	InnoDB	latin1_swedish_ci	32,0 kio	-
	employees	Parcourir	Structure	Rechercher	Insérer	Vider	Supprimer	23	InnoDB	latin1_swedish_ci	48,0 kio	-
	offices	Parcourir	Structure	Rechercher	Insérer	Vider	Supprimer	7	InnoDB	latin1_swedish_ci	16,0 kio	-
	orderdetails	Parcourir	Structure	Rechercher	Insérer	Vider	Supprimer	2 996	InnoDB	latin1_swedish_ci	240,0 kio	-
	orders	Parcourir	Structure	Rechercher	Insérer	Vider	Supprimer	326	InnoDB	latin1_swedish_ci	64,0 kio	-
	payments	Parcourir	Structure	Rechercher	Insérer	Vider	Supprimer	273	InnoDB	latin1_swedish_ci	16,0 kio	-
	productlines	Parcourir	Structure	Rechercher	Insérer	Vider	Supprimer	7	InnoDB	latin1_swedish_ci	16,0 kio	-
	products	Parcourir	Structure	Rechercher	Insérer	Vider	Supprimer	119	InnoDB	latin1_swedish_ci	32,0 kio	-
Tables	Somma							3 864	InnoDB	utf8mb4_general_ci	464,0 kio	0 o

```

DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=modele
DB_USERNAME=root
DB_PASSWORD=root

```

```
C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modèle>composer require reliese/laravel --dev
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
./composer.json has been updated
Running composer update reliese/laravel
Loading composer repositories with package information
Updating dependencies
Lock file operations: 4 installs, 0 updates, 0 removals
- Locking doctrine/dbal (4.2.3)
- Locking doctrine/deprecations (1.1.5)
- Locking psr/cache (3.0.0)
- Locking reliese/laravel (v1.4.0)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 4 installs, 0 updates, 0 removals
- Downloading doctrine/deprecations (1.1.5)
- Downloading psr/cache (3.0.0)
- Downloading doctrine/dbal (4.2.3)
- Downloading reliese/laravel (v1.4.0)

Using version 1.4 for reliese/laravel
```

```
C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modèle>php artisan vendor:publish --tag=reliese-models
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
    INFO Publishing [reliese-models] assets.

Copying file [C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modèle\vendor\reliese\laravel\config\models.php] to [C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modèle\config\models.php] DONE
```

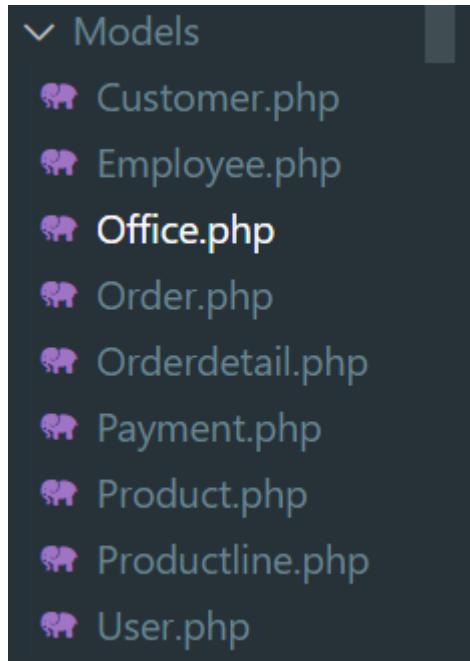
```
C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modèle>php artisan config:clear
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
    INFO Configuration cache cleared successfully.
```

```
C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modèle>php artisan code:models
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Check out your models for models
```

## Les modèles générés



## *Testons avec la liste des commandes*

```
PS C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modele> php artisan make:controller OrdersController
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

[INFO] Controller [C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modele\app\Http\Controllers\OrdersController.php] created successfully
```

```
namespace App\Http\Controllers;

use App\Models\Order;
use Illuminate\Http\Request;

2 references | 0 implementations
class OrdersController extends Controller
{
    1 reference | 0 overrides
    function list(): View{
        return view(view: "orders-list", data: ["orders" => Order::all()]);
    }
}
```

```
<!DOCTYPE html>
<html lang="fr">
    <head>
        <meta charset="UTF-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="..."/>
    </head>
    <body>
        <div>
            <div>
                <table class="table">
                    <thead>
                        <tr>
                            <td>Numéro de commande</td>
                            <td>Status</td>
                            <td>Client</td>
                            <td>#</td>
                        </tr>
                    </thead>
                    <tbody class="bg-white dark:bg-slate-800">
                        @foreach($orders as $order)
                            <tr>
                                <td>$order->orderNumber</td>
                                <td>$order->status</td>
                                <td>$order->customer->contactFirstName . $order->customer->contactLastName</td>
                                <td>
                                    <a class="btn btn-primary" href="/orders/$order->orderNumber">Voir la page de détails</a>
                                </td>
                            </tr>
                        @endforeach
                    </tbody>
                </table>
            </div>
        </div>
    </body>
</html>
```

127.0.0.1:8000/orders

Numéro de commande	Status	Client	#
10100	Shipped	Dorothy Young	<a href="#">Voir la page de détail</a>
10101	Shipped	Roland Keitel	<a href="#">Voir la page de détail</a>
10102	Shipped	Michael Frick	<a href="#">Voir la page de détail</a>
10103	Shipped	Jonas Bergulfsen	<a href="#">Voir la page de détail</a>
10104	Shipped	Diego Freyre	<a href="#">Voir la page de détail</a>
10105	Shipped	Jytte Petersen	<a href="#">Voir la page de détail</a>
10106	Shipped	Giovanni Rovelli	<a href="#">Voir la page de détail</a>
10107	Shipped	Kwai Lee	<a href="#">Voir la page de détail</a>
10108	Shipped	Arnold Cruz	<a href="#">Voir la page de détail</a>

resources > views > orders-detail.blade.php

```

1  <h2>Commande</h2>
2  {{ $order }}
3
4  <h2>Client</h2>
5  {{ $order->customer }}
6
7  <h2>Détail</h2>
8  {{ $order->orderdetails }}]
```

3 references | 0 implementations

```

class OrdersController extends Controller
{
    1 reference | 0 overrides
    function list(): View{
        ...
        return view("orders-list", data: ["orders" => Order::all()]);
    }
    1 reference | 0 overrides
    function detail($id): View{
        ...
        return view("orders-detail", data: ["order" => Order::find(id: $id)]);
    }
}
```

```
Route::get(uri: '/orders/{id}', action: [OrdersController::class, 'detail']);
```

---

## Commande

```
{"orderNumber":10100,"orderDate":"2003-01-06T00:00:00.000000Z","requiredDate":"2003-01-13T00:00:00.000000Z","shippedDate":"2003-01-10T00:00:00.000000Z","status":"Shipped","comments":null,"customerNumber":363}
```

## Client

```
{"customerNumber":363,"customerName":"Online Diecast Creations Co.","contactLastName":"Young","contactFirstName":"Dorothy","phone":"6035558647","addressLine1":"2304 Long Airport Avenue","addressLine2":null,"city":"Nashua","state":"NH","postalCode":"62005","country":"USA","salesRepEmployeeNumber":1216,"creditLimit":114200}
```

## Détail

```
[{"orderNumber":10100,"productCode":"S18_1749","quantityOrdered":30,"priceEach":136,"orderLineNumber":3}, {"orderNumber":10100,"productCode":"S18_2248","quantityOrdered":50,"priceEach":55.09,"orderLineNumber":2}, {"orderNumber":10100,"productCode":"S18_4409","quantityOrdered":22,"priceEach":75.46,"orderLineNumber":4}, {"orderNumber":10100,"productCode":"S24_3969","quantityOrdered":49,"priceEach":35.29,"orderLineNumber":1}]
```

## Créer une commande

```
Route::get(uri: '/orders/create', action: [OrdersController::class, 'createForm']);  
Route::post(uri: '/orders/create', action: [OrdersController::class, 'create']);
```

```
<div class="container">  
    <h1>Créer une commande</h1>  
    <form action="/orders/create" method="post">  
        @csrf  
        <div class="form-group">  
            <label for="orderNumber">Numéro de commande</label>  
            <input type="text" name="orderNumber" id="orderNumber">  
        </div>  
  
        <div class="form-group">  
            <label for="status">Statut</label>  
            <select name="status" id="status">  
                <option value="In Process">En cours</option>  
                <option value="Shipped">Expédiée</option>  
                <option value="On Hold">En attente</option>  
                <option value="Cancelled">Annulée</option>  
                <option value="Resolved">Résolue</option>  
            </select>  
        </div>  
  
        <div class="form-group">  
            <label for="comments">Commentaires</label>  
            <textarea name="comments" id="comments" cols="30" rows="10"></textarea>  
        </div>  
  
        <div class="form-group">
```

```

class OrdersController extends Controller
    1 reference | 0 overrides
    function list(): View{
        "return view(view: "orders-list", data: ["orders" => Order::all()]);
    }
    1 reference | 0 overrides
    function detail($id): View{
        "return view(view: "orders-detail", data: ["order" => Order::find(id: $id)]);
    }
    1 reference | 0 overrides
    function createForm(): View{
        "return view(view: "orders-create", data: ["customers" => Customer::all()]);
    }

    1 reference | 0 overrides
    public function create(Request $request): RedirectResponse
    {
        $order = new Order();
        $order->orderNumber = $request->input(key: "orderNumber");
        $order->status = $request->input(key: "status");
        $order->comments = $request->input(key: "comments");
        $order->customerNumber = $request->input(key: "customerNumber");
        $order->orderDate = Carbon::now();
        $order->requiredDate = Carbon::now()->addDays(value: 7); // ajout automatique
        $order->save();

        return redirect(to: "/orders");
    }
}

```

## Créer une commande

Numéro de commande

Statut

En cours

Commentaires

Numéro de client

Schmitt Carine

**Créer la commande**

## Créer une commande

Numéro de commande

Statut

Commentaires

DDD

Numéro de client

**Créer la commande**

Numero	Numero client	Nom client	Nombre d'articles	Voir la page de détail
352025121	In Process	Jytte Petersen	(0)	<a href="#">Voir la page de détail</a>

### La pagination

```
function list(): View{
    return view(view: "orders-list", data: ["orders" => Order::paginate(perPage: 10)]);
}
```

## Liste des commandes

[Créer une commande](#)

Numéro de commande	Status	Client	Nombre de produits	#
10119	Shipped	Georg Pipp	14	<a href="#">Voir la page de détail</a>
10120	Shipped	Peter Ferguson	15	<a href="#">Voir la page de détail</a>
10121	Shipped	Paul Henriot	5	<a href="#">Voir la page de détail</a>
10122	Shipped	Laurence Lebihan	17	<a href="#">Voir la page de détail</a>
10123	Shipped	Carine Schmitt	4	<a href="#">Voir la page de détail</a>
10124	Shipped	Jean King	13	<a href="#">Voir la page de détail</a>
10125	Shipped	Peter Ferguson	2	<a href="#">Voir la page de détail</a>
10126	Shipped	Martín Sommer	17	<a href="#">Voir la page de détail</a>
10127	Shipped	Jeff Young	15	<a href="#">Voir la page de détail</a>
10128	Shipped	Diego Freyre	4	<a href="#">Voir la page de détail</a>

[Précédent](#)

[Suivant](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) ... [32](#) [33](#)

```
<!-- Pagination Bootstrap -->
<div class="d-flex justify-content-center mt-4">
    {{ $orders->links('pagination::bootstrap-4') }}
</div>
</div>
```

## Rappel sur les relations avec Sync et Attach

<input type="checkbox"/> categories		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	6	InnoDB	utf8mb4_general_ci	16,0 ki
<input type="checkbox"/> category_customer		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	0	InnoDB	utf8mb4_general_ci	48,0 ki
<input type="checkbox"/> customers		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	122	InnoDB	latin1_swedish_ci	32,0 ki
<input type="checkbox"/> employees		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	23	InnoDB	latin1_swedish_ci	48,0 ki
<input type="checkbox"/> failed_jobs		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	0	InnoDB	utf8mb4_unicode_ci	32,0 ki
<input type="checkbox"/> jobs		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	0	InnoDB	utf8mb4_unicode_ci	32,0 ki
<input type="checkbox"/> job_batches		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	0	InnoDB	utf8mb4_unicode_ci	16,0 ki
<input type="checkbox"/> migrations		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	3	InnoDB	utf8mb4_unicode_ci	16,0 ki
<input type="checkbox"/> offices		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	7	InnoDB	latin1_swedish_ci	16,0 ki
<input type="checkbox"/> orderdetails		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	2 996	InnoDB	latin1_swedish_ci	240,0 ki
<input type="checkbox"/> orders		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	330	InnoDB	latin1_swedish_ci	64,0 ki
<input type="checkbox"/> password_reset_tokens		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	0	InnoDB	utf8mb4_unicode_ci	16,0 ki
<input type="checkbox"/> payments		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	273	InnoDB	latin1_swedish_ci	16,0 ki
<input type="checkbox"/> productlines		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	7	InnoDB	latin1_swedish_ci	16,0 ki
<input type="checkbox"/> products		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	110	InnoDB	latin1_swedish_ci	80,0 ki
<input type="checkbox"/> sessions		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	2	InnoDB	utf8mb4_unicode_ci	48,0 ki
<input type="checkbox"/> users		<a href="#">Parcourir</a>	<a href="#">Structure</a>	<a href="#">Rechercher</a>	<a href="#">Insérer</a>	<a href="#">Vider</a>	<a href="#">Supprimer</a>	0	InnoDB	utf8mb4_unicode_ci	32,0 ki

```
C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modèle>php artisan code:models --table=categories
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Check out your models for categories

C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modèle>php artisan code:models --table=category_customer
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Check out your models for category_customer

C:\Users\HICHAM\Desktop\tp3modèles\generation-de-modèle>php artisan code:models --table=customers
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Check out your models for customers
```

## Évolution de la base de données

MySQL a retourné un résultat vide (c'est à dire aucune ligne). (traitement en 0,0004 seconde(s).)

```
ALTER TABLE `customers` DROP COLUMN `addressLine1`;
```

[ Éditer en ligne ] [ Éditer ] [ Créer le code source PHP ]

MySQL a retourné un résultat vide (c'est à dire aucune ligne). (traitement en 0,0003 seconde(s).)

```
ALTER TABLE `customers` DROP COLUMN `addressLine2`;
```

[ Éditer en ligne ] [ Éditer ] [ Créer le code source PHP ]

MySQL a retourné un résultat vide (c'est à dire aucune ligne). (traitement en 0,0003 seconde(s).)

```
ALTER TABLE `customers` DROP COLUMN `city`;
```

[ Éditer en ligne ] [ Éditer ] [ Créer le code source PHP ]

MySQL a retourné un résultat vide (c'est à dire aucune ligne). (traitement en 0,0003 seconde(s).)

```
ALTER TABLE `customers` DROP COLUMN `state`;
```

[ Éditer en ligne ] [ Éditer ] [ Créer le code source PHP ]

MySQL a retourné un résultat vide (c'est à dire aucune ligne). (traitement en 0,0003 seconde(s).)

```
CREATE TABLE `addresses` ( `id` int(11) NOT NULL AUTO_INCREMENT, `addressLine1` varchar(50) DEFAULT NULL, `addressLine2` varchar(50) DEFAULT NULL, `city` varchar(50) DEFAULT NULL, `state` varchar(50) DEFAULT NULL, `postalCode` varchar(15) DEFAULT NULL, `country` varchar(50) DEFAULT NULL, PRIMARY KEY (`id`) ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

[ Afficher la ligne SQL ]

MySQL a retourné un résultat vide (c'est à dire aucune ligne). (traitement en 0,0003 seconde(s).)

```
CREATE TABLE `customers_addresses` ( `customerNumber` int(11) NOT NULL, `address_id` int(11) NOT NULL, PRIMARY KEY (`customerNumber`,`address_id`), KEY `customers_addresses_address_id_foreign` (`address_id`), CONSTRAINT `customers_addresses_address_id_foreign` FOREIGN KEY (`address_id`) REFERENCES `addresses` (`id`), CONSTRAINT `customers_addresses_customer_number_foreign` FOREIGN KEY (`customerNumber`) REFERENCES `customers` (`customerNumber`) ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

[ Éditer en ligne ] [ Éditer ] [ Créer le code source PHP ]

```

C:\Users\HICHAM\Desktop\tp3modèles\generation-de-môdele>php artisan code:models --table=customers
C:\Users\HICHAM\Desktop\tp3modèles\generation-de-môdele>php artisan code:models --table=addresses
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Check out your models for customers

C:\Users\HICHAM\Desktop\tp3modèles\generation-de-môdele>php artisan code:models --table=addresses
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Check out your models for addresses

C:\Users\HICHAM\Desktop\tp3modèles\generation-de-môdele>php artisan code:models --table=customers_addresses
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0
Check out your models for customers_addresses

```

```

C:\Users\HICHAM\Desktop\tp3modèles\generation-de-môdele>php artisan make:controller CustomersController
PHP Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

Warning: PHP Startup: Unable to load dynamic library 'json' (tried: C:\xampp\php\ext\json (The specified module could not be found), C:\xampp\php\ext\php_json.dll (The specified module could not be found)) in Unknown on line 0

INFO Controller [C:\Users\HICHAM\Desktop\tp3modèles\generation-de-môdele\app\Http\Controllers\CustomersController.php] created successfully.

```

```

<html lang="fr">
  <head>
    <style>
      ...
    </style>
  </head>
  <body>

    @if (session('success'))
      <div class="alert-success">
        {{ session('success') }}
      </div>
    @endif

    <h1>Détails du client : {{ $customer->customerName }}</h1>
    <p>Nom : {{ $customer->contactFirstName }} {{ $customer->contactLastName }}</p>
    <p>Téléphone : {{ $customer->phone }}</p>

    <!-- Ajouter un lien vers la page précédente ou vers une autre action -->
    <a href="{{ route('customers.index') }}">Retour à la liste des clients</a>

  </body>
</html>

```

```

<?php

use App\Http\Controllers\CustomersController;
use App\Http\Controllers\OrdersController;
use Illuminate\Support\Facades\Route;

Route::get('/', action: function (): View {
    return view('welcome');
});

Route::get('/orders', action: [OrdersController::class, 'list']);
Route::get('/orders/create', action: [OrdersController::class, 'createForm']);
Route::post('/orders/create', action: [OrdersController::class, 'create']);
Route::get('/orders/{id}', action: [OrdersController::class, 'detail']);
Route::get('/customers/{id}/addresses/create', action: [CustomersController::class, 'createAddressForm']);
Route::post('/customers/{id}/addresses/create', action: [CustomersController::class, 'createAddress']);
Route::post('/customers/{id}/addresses/{addressId}/delete', action: [CustomersController::class, 'deleteAddress']);
Route::post('/customers/{id}', action: [CustomersController::class, 'deleteAddress']);
Route::get('/customers/{id}', action: [CustomersController::class, 'show'])->name(name: 'customers.show');
Route::get('/customers', action: [CustomersController::class, 'index'])->name(name: 'customers.index');

```

```
1 reference | 0 overrides
public function createAddressForm($id): View
{
    $customer = Customer::findOrFail(id: $id);
    return view(view: "customers.create-address", data: compact(var_name: 'customer'));
}

1 reference | 0 overrides
public function createAddress(Request $request, $id): RedirectResponse
{
    $address = new Address();
    $address->addressLine1 = $request->input(key: "addressLine1");
    $address->addressLine2 = $request->input(key: "addressLine2");
    $address->city = $request->input(key: "city");
    $address->state = $request->input(key: "state");
    $address->postalCode = $request->input(key: "postalCode");
    $address->country = $request->input(key: "country");
    $address->save();

    $customer = Customer::findOrFail(id: $id);
    $customer->addresses()->attach($address->id);

    return redirect(to: "/customers/$id")->with(key: "success", value: "L'adresse a bien été ajoutée");
}

1 reference | 0 overrides
public function deleteAddress($id, $addressId): RedirectResponse
```

```
<h2>Ajouter une adresse pour {{ $customer->customerName }}</h2>

<form method="POST" action="/customers/{{ $customer->customerNumber }}/addresses/create">
    @csrf
    <div>
        <label>Adresse Ligne 1</label>
        <input type="text" name="addressLine1">
    </div>
    <div>
        <label>Adresse Ligne 2</label>
        <input type="text" name="addressLine2">
    </div>
    <div>
        <label>Ville</label>
        <input type="text" name="city">
    </div>
    <div>
        <label>État</label>
        <input type="text" name="state">
    </div>
    <div>
        <label>Code postal</label>
        <input type="text" name="postalCode">
    </div>
    <div>
        <label>Pays</label>
        <input type="text" name="country">
    </div>
    <button type="submit">Ajouter</button>
</form>
```

( Error in Laravel Extension  
Source: Lar... View Error

In 31, Col 1 Spaces: 4 UTF-8 CRLF

## Ajouter une adresse pour Australian Collectors, Co.

Adresse Ligne 1

hay test

Adresse Ligne 2

hay test

Ville

guelm

État

test

Code postal

45678

Pays

Morocco

Ajouter

L'adresse a bien été ajoutée

Détails du client : Australian Collectors, Co.

Liste des clients

L'adresse a bien été supprimée