

Proyecto Laravel

Marco Yesid Yepes Cardenas

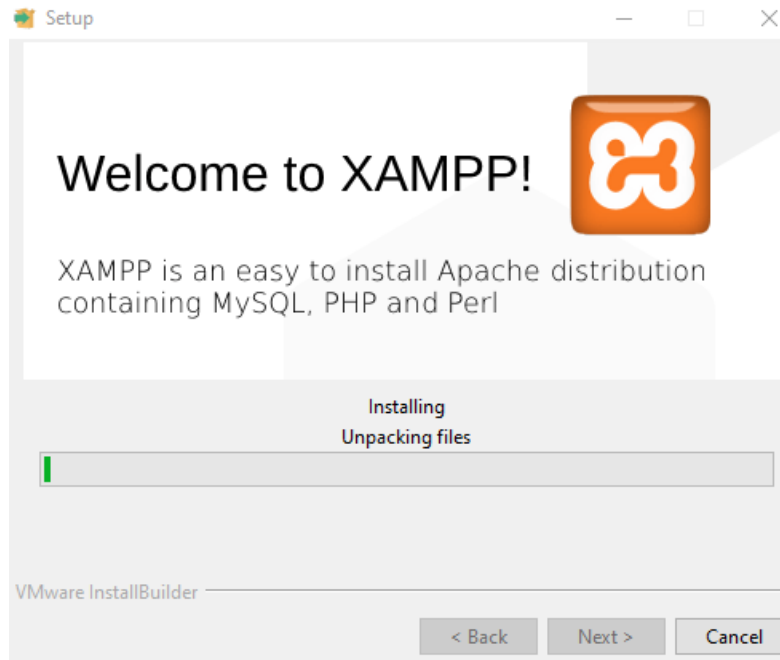
Servicio Nacional de Aprendizaje (SENA)
2672364: Análisis y Desarrollo de Software (ADSO)
Instructor: Evelio Chaparro Moyano

Soacha, Colombia
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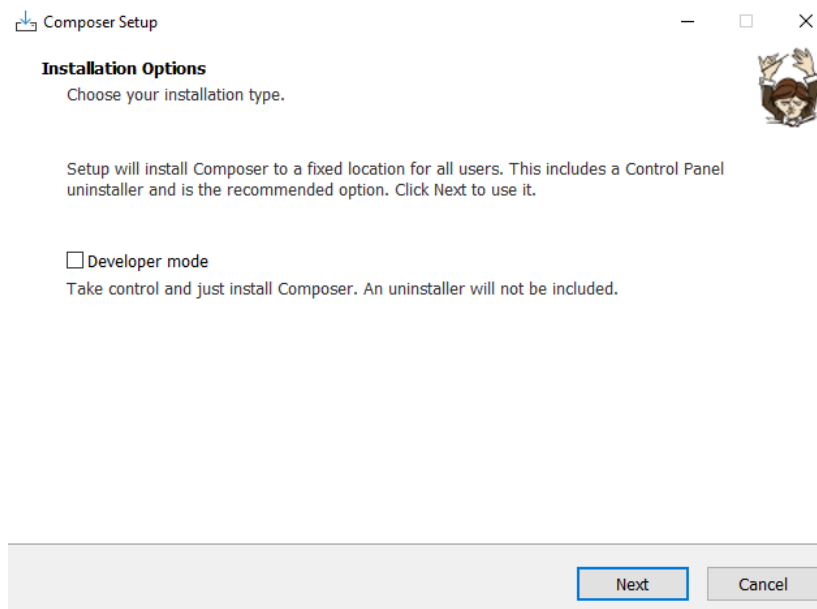
Configuración Set Carpetas

Pasos:

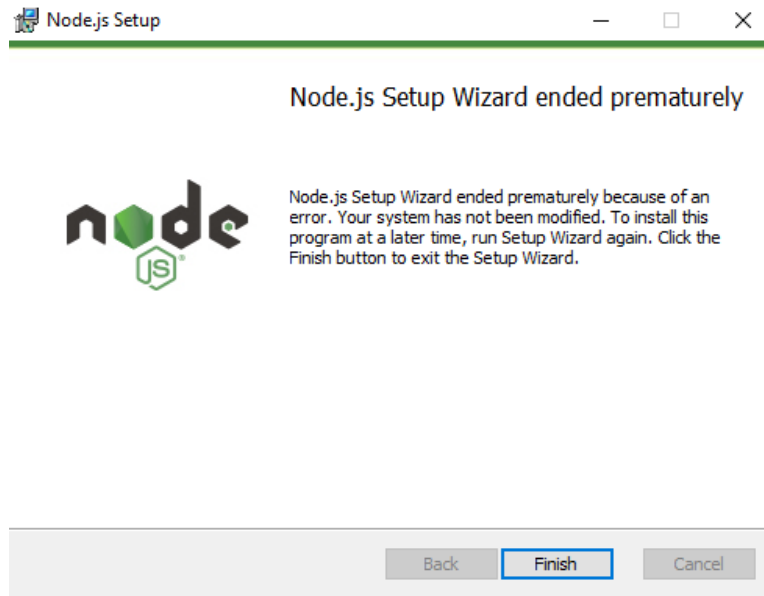
1. Instalar Xampp v. 8.2.12



2. Instalar Composer v2.7.7



3. Instalar Node.js v22.5.1



4. Instalar Git (opcional)

5. Instalar Visual Studio Code

6. Crear el proyecto desde la ubicación inicial de la carpeta

```
Yesid Yepes@DESKTOP-S4KC555 MINGW64 ~  
$ cd /c/xampp/htdocs  
  
Yesid Yepes@DESKTOP-S4KC555 MINGW64 /c/xampp/htdocs  
$ |
```

7. Crear el proyecto con el nombre marcoYepes-app

```
Yesid Yepes@DESKTOP-S4KC555 MINGW64 ~  
$ cd /c/xampp/htdocs  
  
Yesid Yepes@DESKTOP-S4KC555 MINGW64 /c/xampp/htdocs  
$ composer create-project laravel/laravel:^10.0 marcoYepes-app  
Creating a "laravel/laravel:^10.0" project at "./marcoYepes-app"  
Installing laravel/laravel (v10.3.3)  
- Downloading laravel/laravel (v10.3.3)  
- Installing laravel/laravel (v10.3.3): Extracting archive
```

```

83 packages you are using are looking for funding.
Use the 'composer fund' command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi --force

  INFO  No publishable resources for tag [laravel-assets].

No security vulnerability advisories found.
> @php artisan key:generate --ansi

  INFO  Application key set successfully.

```

8. Visualización desde el navegador

← → ↻ 🏠 🔍 localhost/marcoYepes-app/ 🌟 ⬇️ 🔄 📁 ☰

Index of /marcoYepes-app

Name	Last modified	Size	Description
Parent Directory		-	
app/	2024-02-12 21:23	-	
artisan	2024-02-12 21:23	1.6K	
bootstrap/	2024-02-12 21:23	-	
composer.json	2024-02-12 21:23	1.8K	
composer.lock	2024-07-22 22:34	295K	
config/	2024-02-12 21:23	-	
database/	2024-02-12 21:23	-	
package.json	2024-02-12 21:23	248	
phpunit.xml	2024-02-12 21:23	1.1K	
public/	2024-02-12 21:23	-	
resources/	2024-02-12 21:23	-	
routes/	2024-02-12 21:23	-	
storage/	2024-02-12 21:23	-	
tests/	2024-02-12 21:23	-	
vendor/	2024-07-22 22:34	-	
vite.config.js	2024-02-12 21:23	263	

Apache/2.4.38 (Win64) OpenSSL/3.1.3 PHP/8.2.12 Server at localhost Port 80

9. Set Controlador:

- Comando:

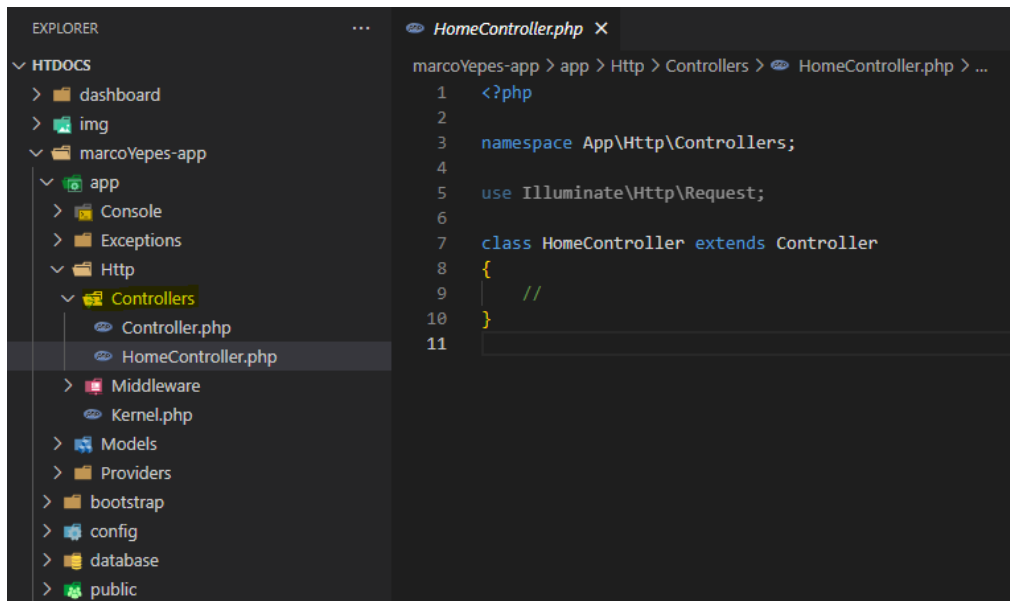
```

Yesid Yepes@DESKTOP-S4KC555 MINGW64 /c/xampp/htdocs/marcoYepes-app
$ php artisan make:controller HomeController

  INFO  Controller [C:\xampp\htdocs\marcoYepes-app\app\Http\Controllers\HomeCon
troller.php] created successfully.

```

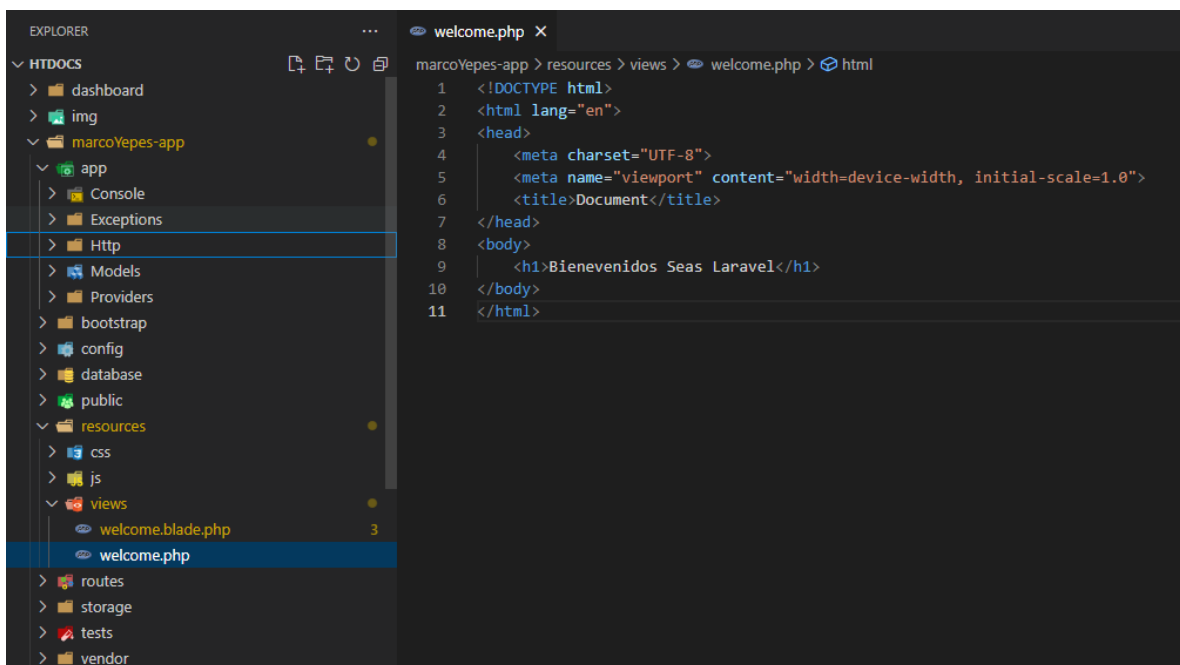
- Visualización Code:



The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar displays the project structure under 'HTDOCS'. The 'marcoYepes-app' folder is expanded, showing subfolders like 'app', 'Console', 'Exceptions', 'Http', 'Controllers', 'Middleware', 'Kernel.php', 'Models', 'Providers', 'bootstrap', 'config', 'database', and 'public'. The 'Controllers' folder is selected, and 'HomeController.php' is highlighted. The main editor area shows the code for 'HomeController.php' with the following content:

```
marcoYepes-app > app > Http > Controllers > HomeController.php > ...
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class HomeController extends Controller
8  {
9      //
10 }
11
```

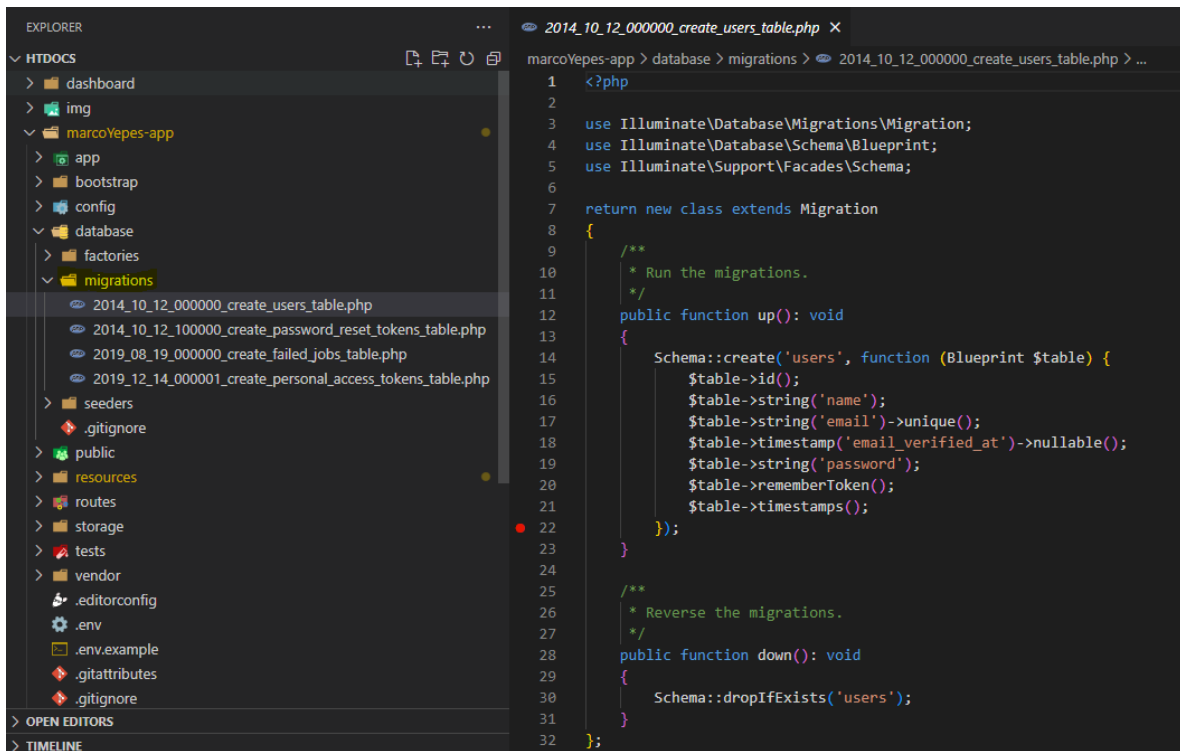
10. Set Vistas: Se visualiza en el apartado resources/views/welcome.php



The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar displays the project structure under 'HTDOCS'. The 'marcoYepes-app' folder is expanded, showing subfolders like 'app', 'Console', 'Exceptions', 'Http', 'Models', 'Providers', 'bootstrap', 'config', 'database', 'public', 'resources', 'routes', 'storage', 'tests', and 'vendor'. The 'resources' folder is selected, and the 'views' subfolder is expanded, showing 'welcome.blade.php' and 'welcome.php'. The 'welcome.php' file is highlighted. The main editor area shows the code for 'welcome.php' with the following content:

```
marcoYepes-app > resources > views > welcome.php > html
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7  </head>
8  <body>
9      <h1>Bienvenidos Seas Laravel</h1>
10 </body>
11 </html>
```

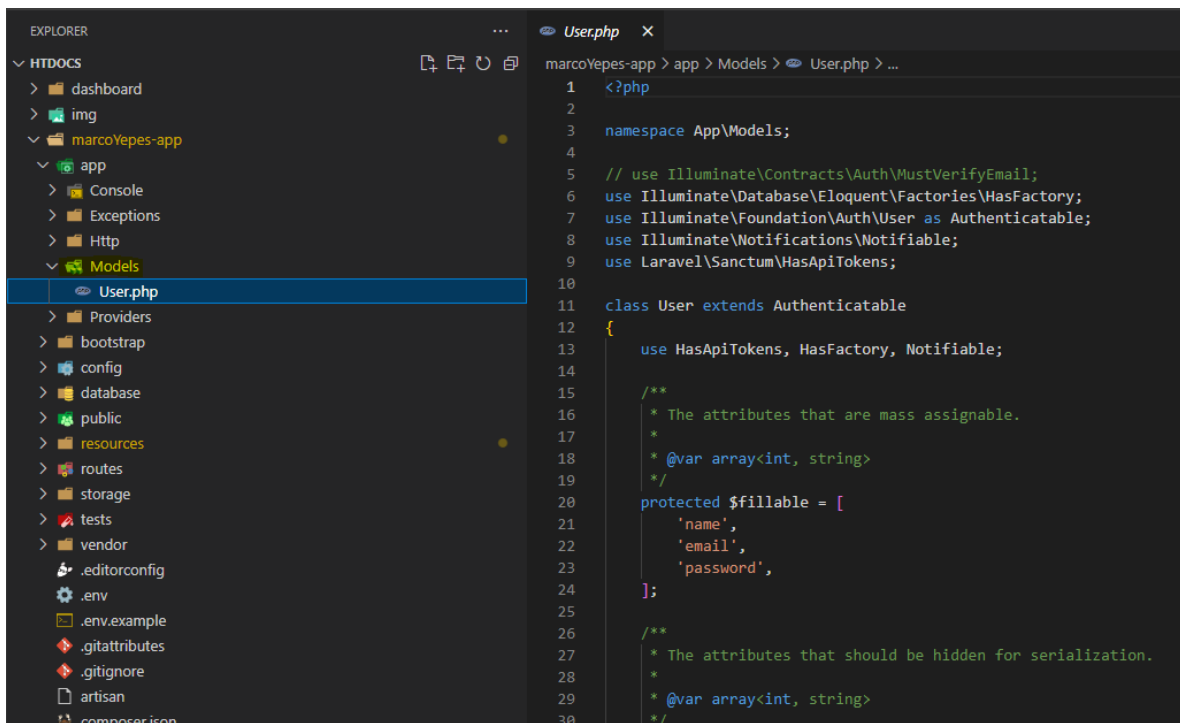
11. Set Migraciones: Se visualiza en el apartado database/migrations



The screenshot shows the VS Code interface with the Explorer panel on the left displaying the file structure of a project. The 'database/migrations' folder is expanded, showing several migration files. The file '2014_10_12_000000_create_users_table.php' is selected. The main editor area displays the code for this migration file. The code is a PHP class that extends the 'Migration' class from the 'Illuminate\Database\Migrations' namespace. It includes a 'public function up(): void' method that uses the 'Schema::create' method to create a 'users' table with columns for 'name', 'email', 'password', and 'remember_token'. It also includes a 'public function down(): void' method that uses the 'Schema::dropIfExists' method to drop the 'users' table.

```
1 <?php
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up(): void
13     {
14         Schema::create('users', function (Blueprint $table) {
15             $table->id();
16             $table->string('name');
17             $table->string('email')->unique();
18             $table->timestamp('email_verified_at')->nullable();
19             $table->string('password');
20             $table->rememberToken();
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      */
28     public function down(): void
29     {
30         Schema::dropIfExists('users');
31     }
32 };
```

12. Set Modelos: Se visualiza en el apartado app/Models



The screenshot shows the VS Code interface with the Explorer panel on the left displaying the file structure of a project. The 'app/Models' folder is expanded, showing the 'User.php' file. The main editor area displays the code for this model file. The code is a PHP class that extends the 'Authenticatable' class from the 'Illuminate\Foundation\Auth' namespace. It includes a 'protected \$fillable' array with the values 'name', 'email', and 'password'. It also includes a 'protected \$hidden' array with the value 'password'.

```
1 <?php
2
3 namespace App\Models;
4
5 // use Illuminate\Contracts\Auth\MustVerifyEmail;
6 use Illuminate\Database\Eloquent\Factories\HasFactory;
7 use Illuminate\Foundation\Auth\User as Authenticatable;
8 use Illuminate\Notifications\Notifiable;
9 use Laravel\Sanctum\HasApiTokens;
10
11 class User extends Authenticatable
12 {
13     use HasApiTokens, HasFactory, Notifiable;
14
15     /**
16      * The attributes that are mass assignable.
17      *
18      * @var array<int, string>
19      */
20     protected $fillable = [
21         'name',
22         'email',
23         'password',
24     ];
25
26     /**
27      * The attributes that should be hidden for serialization.
28      *
29      * @var array<int, string>
30      */
```