

# Curso de Laravel 5.8

## Roosvelt Aristizabal (TutoriallesVirtuales)

<https://www.youtube.com/watch?v=UG0E3FsMzq4&list=PLZhE4t9ih5N1hiHPPjrT6CycQJeSAvq3V>

Resumo do curso feito por Roberto Pinheiro

## Aula 01 - Instalação - Ferramentas iniciais

Iremos criar uma biblioteca totalmente funcional.

### Laragon

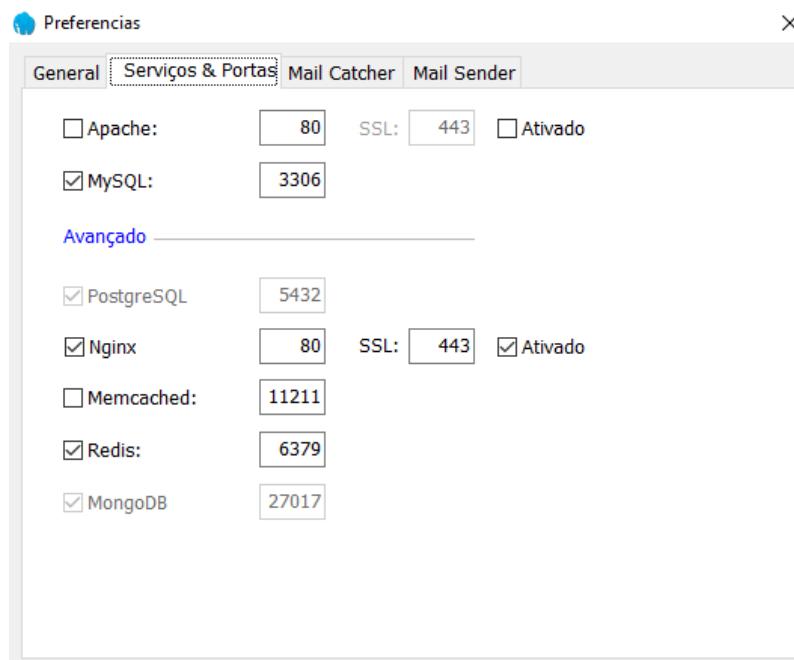
Baixar e instalar **Laragon Full** em:

<https://laragon.org/download/index.html>

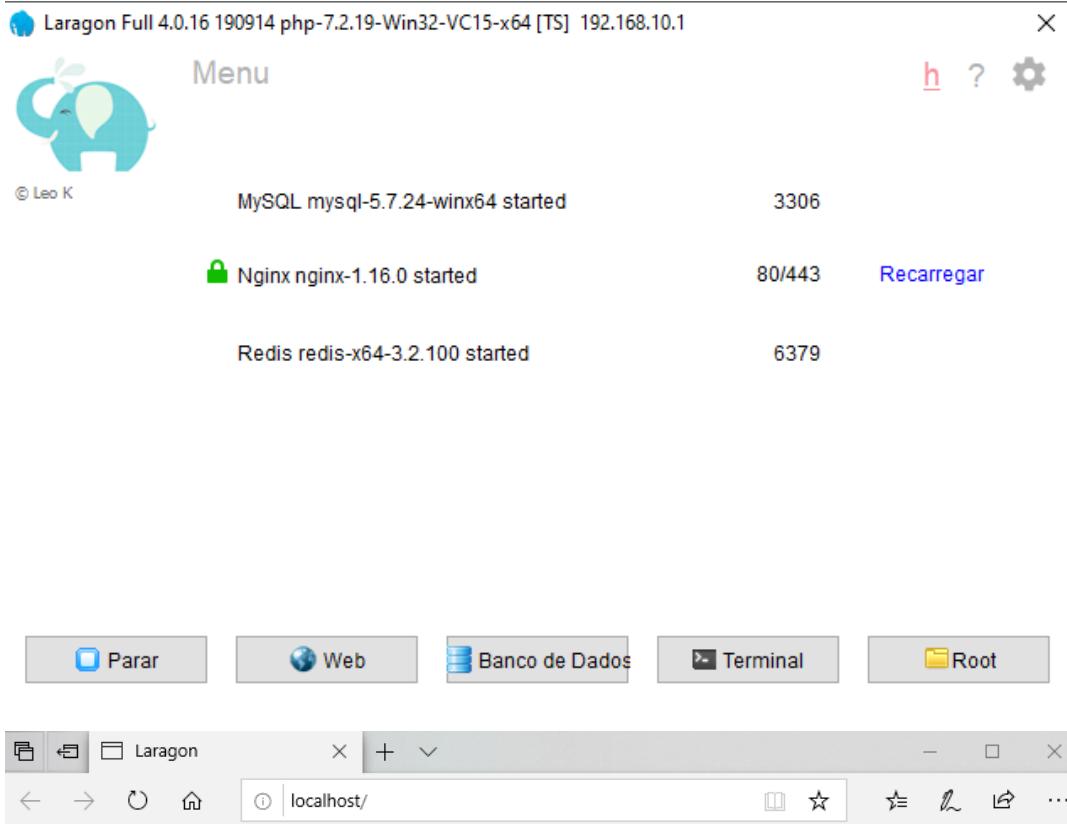
### Edition

- **Laragon Full:** Apache 2.4, Nginx, MySQL 5.7, PHP 7.2, Redis, Memcached, Node.js 11, npm, yarn, git, ...  
[Download Laragon - Full \(130 MB\)](#)

## Configurações



Nginx é um servidor local, como o Apache.  
Redis é um servidor de cache.



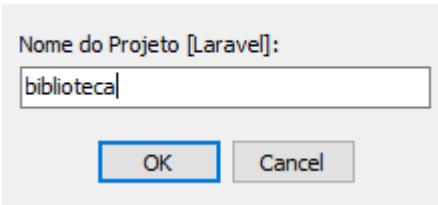
# Laragon

nginx/1.16.0  
PHP version: 7.2.19 [info](#)  
Document Root: C:/laragon/www

[Getting Started](#)

Por meio do Laragon crie um projeto Laravel chamado biblioteca:

Criar rapidamente um website X



```
Creating project: [biblioteca]. Please wait...
***** Database:
Created database: [biblioteca]
***** Hint: In Terminal, you can type:
-----
cd C:\laragon\www
composer create-project laravel/laravel biblioteca --prefer-dist
-----

Running.....
Installing laravel/laravel (v6.4.0)
- Installing laravel/laravel (v6.4.0): Downloading (100%)
Created project in biblioteca
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 84 installs, 0 updates, 0 removals
- Installing symfony/polyfill-ctype (v1.12.0): Downloading (100%)
- Installing phpoftion/phpoftion (1.5.2): Downloading (100%)
- Installing vlucas/phpdotenv (v3.6.0): Downloading (100%)
- Installing symfony/css-selector (v4.3.8): Downloading (100%)
- Installing tijsverkoyen/css-to-inline-styles (2.2.2): Downloading (100%)
- Installing symfony/polyfill-php72 (v1.12.0): Downloading (100%)
- Installing symfony/polyfill-mbstring (v1.12.0): Downloading (100%)
- Installing symfony/var-dumper (v4.3.8): Downloading (100%)
- Installing symfony/routing (v4.3.8): Downloading (100%)
- Installing symfony/process (v4.3.8): Downloading (100%)
```

...

```
facade/ignition suggests installing laravel/telescope (^2.0)
sebastian/global-state suggests installing ext-uopz (*)
sebastian/environment suggests installing ext-posix (*)
phpunit/php-code-coverage suggests installing ext-xdebug (^2.7.2)
phpunit/phpunit suggests installing phpunit/php-invoker (^2.0.0)
phpunit/phpunit suggests installing ext-soap (*)
phpunit/phpunit suggests installing ext-xdebug (*)
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
> @php artisan key:generate --ansi
Application key set successfully.

***** NOTE: Now, you can use pretty url for your awesome project :) *****
-----
(Laragon) Project path: C:/laragon/www/biblioteca
(Laragon) Pretty url: http://biblioteca.test
-----
```

```
hosts x
1 # Copyright (c) 1993-2009 Microsoft Corp.
2 #
3 # This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
4 #
5 # This file contains the mappings of IP addresses to host names. Each
6 # entry should be kept on an individual line. The IP address should
7 # be placed in the first column followed by the corresponding host name.
8 # The IP address and the host name should be separated by at least one
9 # space.
10 #
11 # Additionally, comments (such as these) may be inserted on individual
12 # lines or following the machine name denoted by a '#' symbol.
13 #
14 # For example:
15 #
16 #      102.54.94.97      rhino.acme.com      # source server
17 #      38.25.63.10      x.acme.com          # x client host
18 #
19 # localhost name resolution is handled within DNS itself.
20 #      127.0.0.1        localhost
21 #      ::1              localhost
22 192.168.10.10      homestead.test
23 127.0.0.1          biblioteca.test      #laragon magic!
24
```

Vá para a pasta do projeto:

**cd biblioteca**

Rode o servidor:

**php artisan serve**

```
C:\laragon\www\biblioteca>php artisan serve
Laravel development server started: http://127.0.0.1:8000
[Sat Nov 16 18:17:25 2019] 127.0.0.1:55443 [200]: /favicon.ico
```



# Laravel

[DOCS](#)   [LARACASTS](#)   [NEWS](#)   [BLOG](#)   [NOVA](#)   [FORGE](#)   [VAPOR](#)   [GITHUB](#)

## Aula 02 - Instalação e configuração Visual Studio Code

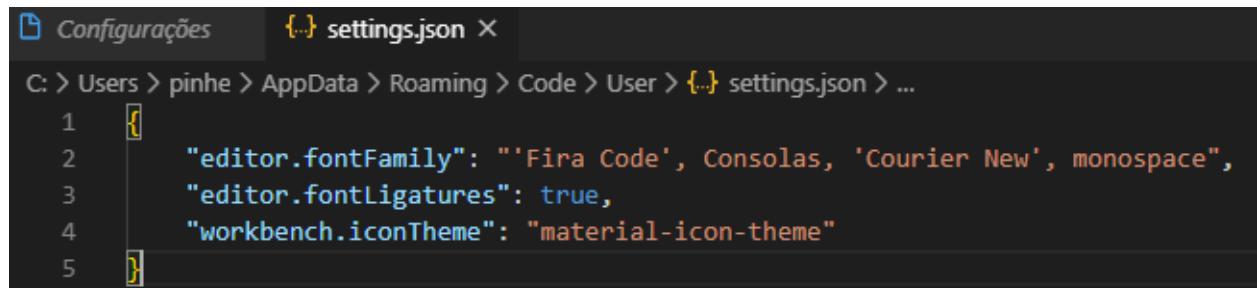
- Baixe e instale o Visual Studio Code.
- Salve workspace (área de trabalho) como: **Curso Laravel 5.7**

- Instale os seguintes pacotes:

- Bracket Pair Colorizer
- HTML Snippets
- IntelliSense for CSS class names in HTML
- Laravel 5 snippets
- Laravel Blade Snippets
- Laravel goto View
- Material Icon Theme
- PHP Intelephense
- Portuguese (Brazil) Language Pack for Visual Studio Code

- Baixe e instale Fira Code:

### Configurações de usuário no Visual Studio Code

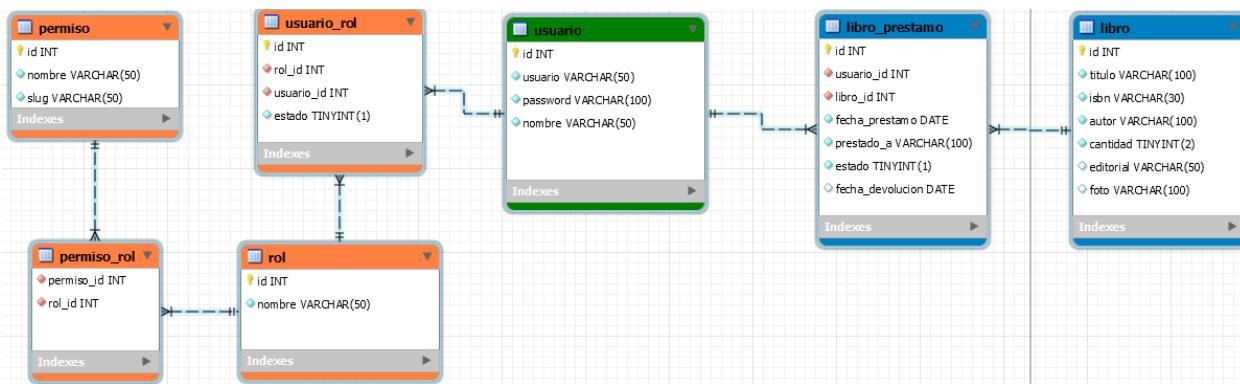


```
Configurações settings.json

C: > Users > pinhe > AppData > Roaming > Code > User > settings.json > ...

1  {
2      "editor.fontFamily": "'Fira Code', Consolas, 'Courier New', monospace",
3      "editor.fontLigatures": true,
4      "workbench.iconTheme": "material-icon-theme"
5  }
```

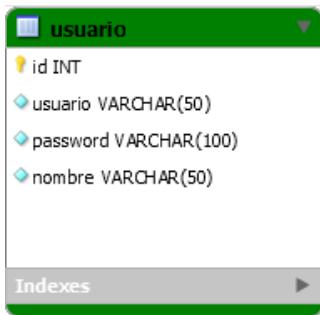
# Aula 04 - Modelo Entidade Relação



# Aulas 05 e 06 - Migrations

## Criando as tabelas com migrations

### Tabela usuario



```
php artisan make:migration crear_tabla_usuario --create=usuario
```

```
C:\laragon\www\biblioteca
λ php artisan make:migration crear_tabla_usuario --create=usuario
Created Migration: 2019_11_17_223434_crear_tabla_usuario
```

database\migrations\2019\_11\_17\_223434\_crear\_tabla\_usuario.php

```
<?php

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

class CrearTablaUsuario extends Migration
{
    public function up()
    {
        Schema::create('usuario', function (Blueprint $table) {
            $table->increments('id');
            $table->string('usuario', 50)->unique();
            $table->string('password', 100);
            $table->string('nombre', 50);
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('usuario');
    }
}
```

## Tabela rol



```
php artisan make:migration crear_tabla_rol --create=rol
```

```
PS C:\laragon\www\biblioteca> php artisan make:migration crear_tabla_rol
Created Migration: 2019_11_17_204902_create_tabla_rol
```

database\migrations\2019\_11\_17\_204902\_create\_tabla\_rol.php

```
<?php

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

class CreateTablaRol extends Migration
{
    public function up()
    {
        Schema::create('rol', function (Blueprint $table) {
            $table->increments('id');
            $table->string('nombre', 50)->unique();
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('rol');
    }
}
```

## Tabela permiso

permiso	
id	INT
nombre	VARCHAR(50)
slug	VARCHAR(50)
Indexes	

```
php artisan make:migration crear_tabla_permiso --create=permiso
```

```
C:\laragon\www\biblioteca
λ php artisan make:migration crear_tabla_permiso --create=permiso
Created Migration: 2019_11_17_210159_crear_tabla_permiso
```

database\migrations\2019\_11\_17\_210159\_crear\_tabla\_permiso.php

```
<?php

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

class CrearTablaPermiso extends Migration
{
    public function up()
    {
        Schema::create('permiso', function (Blueprint $table) {
            $table->increments('id');
            $table->string('nombre', 50);
            $table->string('slug', 50);
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('permiso');
    }
}
```

## Tabela usuario\_rol



```
php artisan make:migration crear_tabla_usuario_rol --create=usuario_rol
```

```
C:\laragon\www\biblioteca
λ php artisan make:migration crear_tabla_usuario_rol --create=usuario_rol
Created Migration: 2019_11_17_211117_crear_tabla_usuario_rol
```

database\migrations\2019\_11\_17\_211117\_crear\_tabla\_usuario\_rol.php

```
<?php

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

class CrearTablaUsuarioRol extends Migration
{
    public function up()
    {
        Schema::create('usuario_rol', function (Blueprint $table) {
            $table->increments('id');
            $table->unsignedInteger('rol_id');
            $table->foreign('rol_id', 'fk_usuariorol_rol')->references('id')->on('rol')-
>onDelete('restrict')->onUpdate('restrict');
            $table->unsignedInteger('usuario_id');
            $table->foreign('usuario_id', 'fk_usuariorol_usuario')->references('id')->on('usuario')-
>onDelete('restrict')->onUpdate('restrict');
            $table->boolean('estado');
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('usuario_rol');
    }
}
```

## Tabela permiso\_rol



```
php artisan make:migration crear_tabla_permiso_rol --create=permiso_rol
```

```
C:\laragon\www\biblioteca
└ php artisan make:migration crear_tabla_permiso_rol --create=permiso_rol
Created Migration: 2019_11_17_222432_create_tabla_permiso_rol
```

database\migrations\2019\_11\_17\_222432\_create\_tabla\_permiso\_rol.php

```
<?php

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

class CrearTablaPermisoRol extends Migration
{
    public function up()
    {
        Schema::create('permiso_rol', function (Blueprint $table) {
            $table->unsignedInteger('rol_id');
            $table->foreign('rol_id', 'fk_permisorol_rol')->references('id')->on('rol')-
>onDelete('restrict')->onUpdate('restrict');
            $table->unsignedInteger('permiso_id');
            $table->foreign('permiso_id', 'fk_permisorol_permiso')->references('id')->on('permiso')-
>onDelete('restrict')->onUpdate('restrict');
        });
    }

    public function down()
    {
        Schema::dropIfExists('permiso_rol');
    }
}
```

## Tabela libro



```
php artisan make:migration crear_tabla_libro --create=libro
```

```
C:\laragon\www\biblioteca
λ php artisan make:migration crear_tabla_libro --create=libro
Created Migration: 2019_11_17_224533_create_tabla_libro
```

database\migrations\2019\_11\_17\_224533\_create\_tabla\_libro.php

```
<?php

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

class CrearTablaLibro extends Migration
{
    public function up()
    {
        Schema::create('libro', function (Blueprint $table) {
            $table->increments('id');
            $table->string('titulo', 100);
            $table->string('isbn', 30)->unique();
            $table->string('autor', 100);
            $table->unsignedTinyInteger('cantidad');
            $table->string('editorial', 50)->nullable();
            $table->string('foto', 100)->nullable();
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('libro');
    }
}
```

## Tabela libro\_prestamo

libro_prestamo	
!	id INT
◆	usuario_id INT
◆	libro_id INT
◆	fecha_prestamo DATE
◆	prestado_a VARCHAR(100)
◆	estado TINYINT(1)
◆	fecha_devolucion DATE
Indexes	

```
php artisan make:migration crear_tabla_libro_prestamo --create=libro_prestamo
```

```
C:\laragon\www\biblioteca
λ php artisan make:migration crear_tabla_libro_prestamo --create=libro_prestamo
Created Migration: 2019_11_17_225430_crear_tabla_libro_prestamo
```

database\migrations\2019\_11\_17\_225430\_crear\_tabla\_libro\_prestamo.php

```
<?php

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

class CrearTablaLibroPrestamo extends Migration
{
    public function up()
    {
        Schema::create('libro_prestamo', function (Blueprint $table) {
            $table->increments('id');
            $table->unsignedInteger('usuario_id');
            $table->foreign('usuario_id', 'fk_libroprestamo_usuario')->references('id')->on('usuario')->onDelete('restrict')->onUpdate('restrict');
            $table->unsignedInteger('libro_id');
            $table->foreign('libro_id', 'fk_libroprestamo_libro')->references('id')->on('libro')->onDelete('restrict')->onUpdate('restrict');
            $table->date('fecha_prestamo');
            $table->string('prestado_a', 100);
            $table->boolean('estado');
            $table->date('fecha_devolucion')->nullable();
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('libro_prestamo');
    }
}
```

## Criando as tabelas

php artisan migrate

```
C:\laragon\www\biblioteca
λ php artisan migrate
Migration table created successfully.
Migrating: 2019_11_17_183434_crear_tabla_usuario
Migrated: 2019_11_17_183434_crear_tabla_usuario (0.49 seconds)
Migrating: 2019_11_17_204902_crear_tabla_rol
Migrated: 2019_11_17_204902_crear_tabla_rol (0.41 seconds)
Migrating: 2019_11_17_210159_crear_tabla_permiso
Migrated: 2019_11_17_210159_crear_tabla_permiso (0.24 seconds)
Migrating: 2019_11_17_211117_crear_tabla_usuario_rol
Migrated: 2019_11_17_211117_crear_tabla_usuario_rol (1.42 seconds)
Migrating: 2019_11_17_222432_crear_tabla_permiso_rol
Migrated: 2019_11_17_222432_crear_tabla_permiso_rol (1.4 seconds)
Migrating: 2019_11_17_224533_crear_tabla_libro
Migrated: 2019_11_17_224533_crear_tabla_libro (0.51 seconds)
Migrating: 2019_11_17_225430_crear_tabla_libro_prestamo
Migrated: 2019_11_17_225430_crear_tabla_libro_prestamo (1.43 seconds)
```

Server: localhost:3306 » Database: biblioteca

Structure SQL Search Query Export Import Operations Privileges Routines Events

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
libro	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
libro_prestamo	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	48 KiB	-
migrations	★ Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_unicode_ci	16 KiB	-
permiso	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
permiso_rol	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	48 KiB	-
rol	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
usuario	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
usuario_rol	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	48 KiB	-
8 tables	Sum	7	InnoDB	utf8_unicode_ci	224 KiB	0 B

## Aula 08 - Seeders - Model Factory

```
php artisan make:seeder TablaRolSeeder
```

```
C:\laragon\www\biblioteca
λ php artisan make:seeder TablaRolSeeder
Seeder created successfully.
```

database\seeds\TablaRolSeeder.php

```
<?php

use Illuminate\Database\Seeder;
use Carbon\Carbon;

class TablaRolSeeder extends Seeder
{
    public function run()
    {
        $rols = [
            'administrador',
            'editor',
            'supervisor'
        ];
        foreach($rols as $key => $value){
            DB::table('rol')->insert([
                'nombre' => $value,
                'created_at' => Carbon::now()->format('Y-m-d H:i:s')
            ]);
        }
    }
}
```

## database\seeds\DatabaseSeeder.php

```
<?php

use Illuminate\Database\Seeder;

class DatabaseSeeder extends Seeder
{
    public function run()
    {
        $this->truncateTablas([
            'rol'
        ]);
        // $this->call(UserTableSeeder::class);
        $this->call(TablaRolSeeder::class);
    }

    protected function truncateTablas(array $tablas)
    {
        DB::statement('SET FOREIGN_KEY_CHECKS = 0;');
        foreach ($tablas as $tabla) {
            DB::table($tabla)->truncate();
        }
        DB::statement('SET FOREIGN_KEY_CHECKS = 1;');
    }
}
```

php artisan db:seed

```
C:\laragon\www\biblioteca
λ php artisan db:seed
Seeding: TablaRolSeeder
Seeded: TablaRolSeeder (0.22 seconds)
Database seeding completed successfully.
```

✓ Showing rows 0 - 2 (3 total, Query took 0.0029 seconds.)

```
SELECT * FROM `rol`
```

Show all | Number of rows: 25 ▾ Filter rows: Search this table

+ Options

	← T →	▼	id	nombre	created_at	updated_at
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	1	administrador	2019-11-18 15:41:22
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2	editor	2019-11-18 15:41:22
<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	3	supervisor	2019-11-18 15:41:22

```
php artisan make:seeder TablaPermisoSeeder
```

```
C:\laragon\www\biblioteca
λ php artisan make:seeder TablaPermisoSeeder
Seeder created successfully.
```

## Criando o factory para a tabela permiso

```
php artisan make:factory PermisoFactory
```

```
C:\laragon\www\biblioteca
λ php artisan make:factory PermisoFactory
Factory created successfully.
```

## Criando o model Permiso

```
php artisan make:model Models/Permiso
```

```
C:\laragon\www\biblioteca
λ php artisan make:model Models/Permiso
Model created successfully.
```

## database\seeds\DatabaseSeeder.php

```
<?php

use Illuminate\Database\Seeder;

class DatabaseSeeder extends Seeder
{
    public function run()
    {
        $this->truncateTablas([
            'rol',
            'permiso'
        ]);
        // $this->call(UserTableSeeder::class);
        $this->call(TablaRolSeeder::class);
        $this->call(TablaPermisoSeeder::class);
    }

    protected function truncateTablas(array $tablas)
    {
        DB::statement('SET FOREIGN_KEY_CHECKS = 0;');
        foreach ($tablas as $tabla) {
            DB::table($tabla)->truncate();
        }
        DB::statement('SET FOREIGN_KEY_CHECKS = 1;');
    }
}
```

**app\Models\Permiso.php**

```
<?php  
namespace App\Models;  
use Illuminate\Database\Eloquent\Model;  
  
class Permiso extends Model  
{  
    protected $table = "permiso";  
}
```

**database\factories\PermisoFactory.php**

```
<?php  
/** @var \Illuminate\Database\Eloquent\Factory $factory */  
  
use App\Model;  
use App\Models\Admin\Permiso;  
use Faker\Generator as Faker;  
  
$factory->define(Permiso::class, function (Faker $faker) {  
    return [  
        'nombre' => $faker->sentence($nbWords = 2, $variableNbWords = true),  
        'slug' => $faker->word,  
    ];  
});
```

**database\seeds\TablaPermisoSeeder.php**

```
<?php  
  
use Illuminate\Database\Seeder;  
use App\Models\Permiso;  
  
class TablaPermisoSeeder extends Seeder  
{  
    public function run()  
    {  
        factory(Permiso::class)->times(50)->create();  
    }  
}
```

## Gerando os registros

**php artisan db:seed**

```
c:\laragon\www\biblioteca
λ php artisan db:seed
Seeding: TablaRolSeeder
Seeded: TablaRolSeeder (0.11 seconds)
Seeding: TablaPermisoSeeder
Seeded: TablaPermisoSeeder (1.55 seconds)
Database seeding completed successfully.
```

Showing rows 0 - 49 (50 total, Query took 0.0038 seconds.)

```
SELECT * FROM `permiso`
```

Profiling [Edit inline] [ E ]

Show all | Number of rows: 250 ▾ Filter rows: Search this table Sort by key: None ▾

+ Options

	<input type="checkbox"/> Edit  Copy  Delete	<input type="checkbox"/> id	nombre	slug	created_at	updated_at
<input type="checkbox"/>	  	1	Voluptas beatae fugiat.	exercitationem	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	2	Repudiandae tempora.	voluptatem	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	3	Ullam et praesentium.	voluptates	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	4	Quibusdam corrupti commodi.	quo	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	5	Incidunt est assumenda.	quo	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	6	Omnis veniam dicta.	et	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	7	Totam sit fuga.	placeat	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	8	Soluta sed.	qui	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	9	Autem fugiat saepe.	ut	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	10	Odit ut.	laudantium	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	11	Temporibus tenetur.	totam	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	12	Nesciunt ea tenetur.	et	2019-11-27 17:24:39	2019-11-27 17:24:39
<input type="checkbox"/>	  	13	Recusandae reiciendis itaque.	quisquam	2019-11-27 17:24:39	2019-11-27 17:24:39

# Aula 09 - Routes

## Criando o controller Permisso

```
php artisan make:controller PermissoController -r
```

```
C:\laragon\www\biblioteca
λ php artisan make:controller PermissoController -r
Controller created successfully.
```

Para limpar o cache:

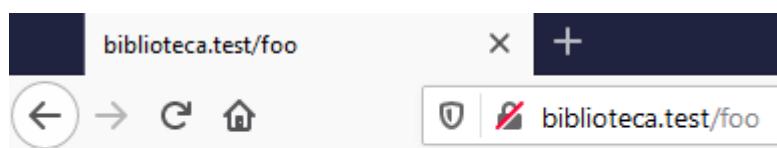
```
php artisan optimize:clear
```

```
C:\laragon\www\biblioteca
λ php artisan optimize:clear
Compiled views cleared!
Application cache cleared!
Route cache cleared!
Configuration cache cleared!
Compiled services and packages files removed!
Caches cleared successfully!
```

### routes\web.php

```
<?php

Route::get('foo', function () {
    return 'Hello World';
});
```



**routes\web.php**

```
<?php
```

```
Route::get('/permisos', 'PermisoController@index');
```

**resources\views\permisos\index.blade.php**

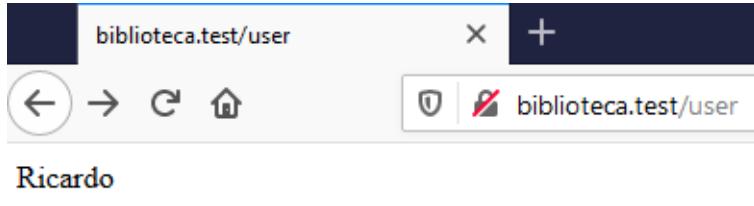
```
<h1>Permisos</h1>
```



**routes\web.php**

```
<?php
```

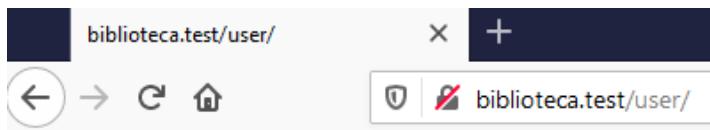
```
Route::get('user/{name?}', function ($name = 'Ricardo') {
    return $name;
});
```

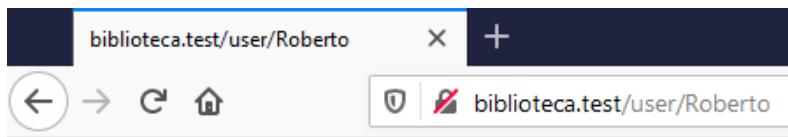


**routes\web.php**

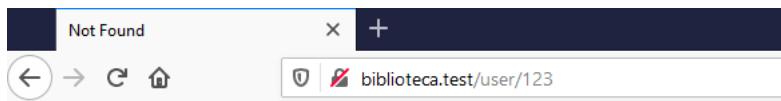
```
<?php
```

```
Route::get('user/{name?}', function ($name=null) {
    return $name;
})->where('name', '[A-Za-z]+');
```





Roberto



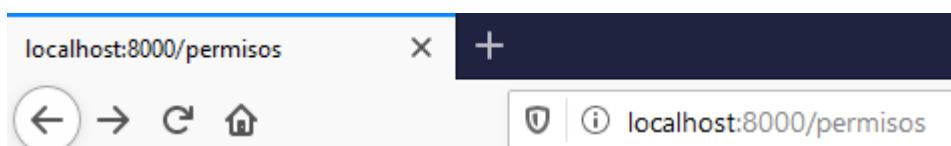
404 | Not Found

## routes\web.php

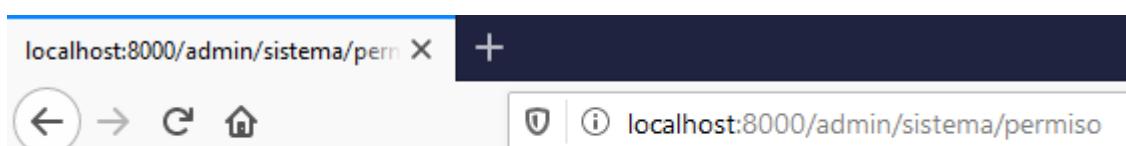
```
<?php  
Route::get('/admin/sistema/permiso', 'PermisoController@index')->name('permiso');
```

## resources\views\permisos\index.blade.php

```
Ir a permisos
```



Ir a permisos

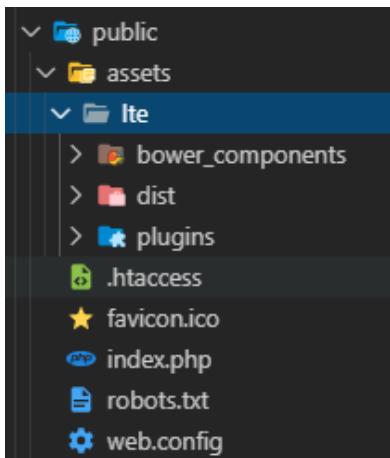


Ir a permisos

# Aula 10 - Blade - AdminLTE I

- Fazer o download de AdminLTE versão 2.4.10
- Inserir a pasta de AdminLTE em **c:\laragon\www\pagina**.
- Renomeá-la para **AdminLTE**.
- Criar dentro da pasta **public** uma pasta chamada **assets** e dentro desta uma subpasta chamada **lte**. Dentro dela inserir as seguintes pastas de adminLTE:

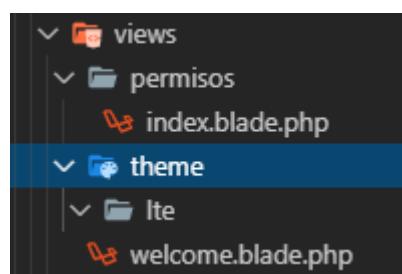
- bower\_components
- dist
- plugins



Dentro do arquivo **.gitignore** inserir a seguinte linha:

```
/node_modules
/public/hot
/public/storage
/public/assets/lte
/storage/*.key
/vendor
.env
.env.backup
.phpunit.result.cache
Homestead.json
Homestead.yaml
npm-debug.log
yarn-error.log
```

- Dentro da pasta **resources/views** inserir uma pasta chamada **theme** e dentro dela uma subpasta chamada **Ite**.



# Aula 11 - Blade - AdminLTE II

app\Providers\AppServiceProvider.php

```
<?php  
namespace App\Providers;  
  
use Illuminate\Support\ServiceProvider;  
use Illuminate\Support\Facades\View;  
  
class AppServiceProvider extends ServiceProvider  
{  
    public function register()  
    {  
        //  
    }  
  
    public function boot()  
    {  
        View::share('theme', 'lte');  
    }  
}
```

## Criando o controller InicioController

php artisan make:controller InicioController -r

```
C:\laragon\www\biblioteca  
λ php artisan make:controller InicioController -r  
Controller created successfully.
```

routes\web.php

```
<?php  
  
Route::get('/', 'InicioController@index');
```

**app\Http\Controllers\InicioController.php**

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class InicioController extends Controller
{
    public function index()
    {
        return view('inicio');
    }

    public function create()
    {
        //
    }

    public function store(Request $request)
    {
        //
    }

    public function show($id)
    {
        //
    }

    public function edit($id)
    {
        //
    }

    public function update(Request $request, $id)
    {
        //
    }

    public function destroy($id)
    {
        //
    }
}
```

resources\views\theme\lte\layout.blade.php

```
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>@yield('titulo', 'Biblioteca') | tutorialesvirtuales</title>
    <!-- Tell the browser to be responsive to screen width -->
    <meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">
    <!-- Bootstrap 3.3.7 -->
    <link rel="stylesheet"
        href="{{asset("assets/$theme/bower_components/bootstrap/dist/css/bootstrap.min.css")}}">
    <!-- Font Awesome -->
    <link rel="stylesheet" href="{{asset("assets/$theme/bower_components/font-awesome/css/font-awesome.min.css")}}">
    <!-- Ionicons -->
    <link rel="stylesheet"
        href="{{asset("assets/$theme/bower_components/ionicons/css/ionicons.min.css")}}">
    <!-- Theme style -->
    <link rel="stylesheet" href="{{asset("assets/$theme/dist/css/AdminLTE.min.css")}}">
    <!-- AdminLTE Skins. Choose a skin from the css/skins
        folder instead of downloading all of them to reduce the load. -->
    <link rel="stylesheet" href="{{asset("assets/$theme/dist/css/skins/_all-skins.min.css")}}">

    <link rel="stylesheet"
        href="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.css">

    @yield("styles")

    <link rel="stylesheet" href="{{asset("assets/css/custom.css")}}>

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
    <!--[if lt IE 9]>
        <script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
        <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
    <![endif]-->

    <!-- Google Font -->
    <link rel="stylesheet"
        href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,
        600italic">
</head>
<body class="hold-transition skin-blue layout-boxed sidebar-mini">
    <!-- Site wrapper -->
    <div class="wrapper">
        <!-- Inicio Header -->
        @include("theme/$theme/header")
        <!-- Fin Header -->
        <!-- Inicio Aside -->
        @include("theme/$theme/aside")
        <!-- Fin Aside -->

        <!-- Content Wrapper. Contains page content -->
```

```

<div class="content-wrapper">
    <!-- Content Header (Page header) -->
    <section class="content-header">
        <h1>
            Boxed Layout
            <small>Blank example to the boxed layout</small>
        </h1>
        <ol class="breadcrumb">
            <li><a href="#"><i class="fa fa-dashboard"></i> Home</a></li>
            <li><a href="#">Layout</a></li>
            <li class="active">Boxed</li>
        </ol>
    </section>

    <!-- Main content -->
    <section class="content">
        <div class="callout callout-info">
            <h4>Tip!</h4>
            <p>Add the layout-boxed class to the body tag to get this layout. The boxed layout is helpful when working on large screens because it prevents the site from stretching very wide.</p>
        </div>
        <!-- Default box -->
        <div class="box">
            <div class="box-header with-border">
                <h3 class="box-title">Title</h3>
                <div class="box-tools pull-right">
                    <button type="button" class="btn btn-box-tool" data-widget="collapse" data-toggle="tooltip" title="Collapse">
                        <i class="fa fa-minus"></i>
                    <button type="button" class="btn btn-box-tool" data-widget="remove" data-toggle="tooltip" title="Remove">
                        <i class="fa fa-times"></i>
                    </div>
                </div>
                <div class="box-body">
                    Start creating your amazing application!
                </div>
                <!-- /.box-body -->
            </div>
            <!-- /.box -->
        </section>
        <!-- /.content -->
    </div>
    <!-- /.content-wrapper -->

    <!--Inicio Footer -->
    @include("theme/$theme/footer")
    <!-- Fin Footer -->
    <!--Inicio de ventana modal para login con más de un rol -->
        @if(session()->get("roles") && count(session()->get("roles")) > 1)
        @csrf
        <div class="modal fade" id="modal-seleccionar-rol" data-rol-set="{{empty(session())->get("rol_id")) ? 'NO' : 'SI'}}" tabindex="-1" data-backdrop="static" data-keyboard="false">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">

```

```

        <h4 class="modal-title">Roles de Usuario</h4>
    </div>
    <div class="modal-body">
        <p>Cuentas con mas de un Rol en la plataforma, a continuación seleccione con
cual de ellos desea trabajar</p>
        @foreach(session()->get("roles") as $key => $rol)
            <li>
                <a href="#" class="asignar-rol" data-rolid="{{ $rol['id'] }}" data-
rolnombre="{{ $rol["nombre"] }}"
                    {{ $rol["nombre"] }}>
                </a>
            </li>
        @endforeach
    </div>
    </div>
</div>
</div>
@endif
</div>
<script src="{{asset("assets/$theme/bower_components/jquery/dist/jquery.min.js")}}></script>
<!-- Bootstrap 3.3.7 --&gt;
&lt;script
src="{{asset("assets/$theme/bower_components/bootstrap/dist/js/bootstrap.min.js")}}&gt;&lt;/script&gt;
&lt;!-- SlimScroll --&gt;
&lt;script src="{{asset("assets/$theme/bower_components/jquery-
slimscroll/jquery.slimscroll.min.js")}}&gt;&lt;/script&gt;
&lt;!-- FastClick --&gt;
&lt;script src="{{asset("assets/$theme/bower_components/fastclick/lib/fastclick.js")}}&gt;&lt;/script&gt;
&lt;!-- AdminLTE App --&gt;
&lt;script src="{{asset("assets/$theme/dist/js/adminlte.min.js")}}&gt;&lt;/script&gt;
&lt;!-- AdminLTE for demo purposes --&gt;
@yield("scriptsPlugins")
&lt;script src="{{asset("assets/js/jquery-validation/jquery.validate.min.js")}}&gt;&lt;/script&gt;
&lt;script src="{{asset("assets/js/jquery-validation/localization/messages_es.min.js")}}&gt;&lt;/script&gt;
&lt;script src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"&gt;&lt;/script&gt;
&lt;script src="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.js"&gt;&lt;/script&gt;
&lt;script src="{{asset("assets/js/scripts.js")}}&gt;&lt;/script&gt;
&lt;script src="{{asset("assets/js/funciones.js")}}&gt;&lt;/script&gt;
@yield("scripts")
&lt;/body&gt;

&lt;/html&gt;
</pre>

```

resources\views\theme\lte\header.blade.php

```
<header class="main-header">
    <!-- Logo -->
    <a href="/" class="logo">
        <!-- mini logo for sidebar mini 50x50 pixels -->
        <span class="logo-mini"><b>A</b>LT</span>
        <!-- logo for regular state and mobile devices -->
        <span class="logo-lg"><b>Admin</b>LTE</span>
    </a>
    <!-- Header Navbar: style can be found in header.less -->
    <nav class="navbar navbar-static-top">
        <!-- Sidebar toggle button-->
        <a href="#" class="sidebar-toggle" data-toggle="push-menu" role="button">
            <span class="sr-only">Toggle navigation</span>
        </a>

        <div class="navbar-custom-menu">
            <ul class="nav navbar-nav">
                <!-- Messages: style can be found in dropdown.less-->
                <li class="dropdown messages-menu">
                    <a href="#" class="dropdown-toggle" data-toggle="dropdown">
                        <i class="fa fa-envelope-o"></i>
                        <span class="label label-success">4</span>
                    </a>
                    <ul class="dropdown-menu">
                        <li class="header">You have 4 messages</li>
                        <li>
                            <!-- inner menu: contains the actual data -->
                            <ul class="menu">
                                <li><!-- start message -->
                                    <a href="#">
                                        <div class="pull-left">
                                            
                                        </div>
                                    <h4>
                                        Support Team
                                        <small><i class="fa fa-clock-o"></i> 5 mins</small>
                                    </h4>
                                    <p>Why not buy a new awesome theme?</p>
                                    </a>
                                </li>
                            <!-- end message -->
                            </ul>
                        </li>
                        <li class="footer"><a href="#">See All Messages</a></li>
                    </ul>
                </li>
                <!-- Notifications: style can be found in dropdown.less -->
                <li class="dropdown notifications-menu">
                    <a href="#" class="dropdown-toggle" data-toggle="dropdown">
                        <i class="fa fa-bell-o"></i>
                        <span class="label label-warning">10</span>
                    </a>
                    <ul class="dropdown-menu">
                        <li class="header">You have 10 notifications</li>
                        <li>
                            <!-- inner menu: contains the actual data -->
```

```

<ul class="menu">
  <li>
    <a href="#">
      <i class="fa fa-users text-aqua"></i> 5 new members joined today
    </a>
  </li>
</ul>
</li>
<li class="footer"><a href="#">View all</a></li>
</ul>
</li>

<li class="dropdown tasks-menu">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">
    <i class="fa fa-flag-o"></i>
    <span class="label label-danger">9</span>
  </a>
  <ul class="dropdown-menu">
    <li class="header">You have 9 tasks</li>
    <li>
      <!-- inner menu: contains the actual data -->
      <ul class="menu">
        <li><!-- Task item -->
          <a href="#">
            <h3>
              Design some buttons
              <small class="pull-right">20%</small>
            </h3>
            <div class="progress xs">
              <div class="progress-bar progress-bar-aqua" style="width: 20%" role="progressbar"
aria-valuenow="20" aria-valuemin="0" aria-valuemax="100">
                <span class="sr-only">20% Complete</span>
              </div>
            </div>
          </a>
        </li>
        <!-- end task item -->
      </ul>
    </li>
    <li class="footer">
      <a href="#">View all tasks</a>
    </li>
  </ul>
</li>

<li class="dropdown user user-menu">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">
    
    <span class="hidden-xs">Hola, {{session()->get('nombre_usuario') ?? 'Invitado'}}</span>
  </a>
  <ul class="dropdown-menu">
    <!-- User image -->
    <li class="user-header">
      
      <p>
        Alexander Pierce - Web Developer
      </p>
    </li>
  </ul>
</li>

```

```

        <small>Member since Nov. 2012</small>
    </p>
</li>
<!-- Menu Body --&gt;
&lt;li class="user-body"&gt;
    &lt;div class="row"&gt;
        @if(session()-&gt;get("roles") &amp;&amp; count(session()-&gt;get("roles")) &gt; 1)
        &lt;div class="col-xs-6 text-center"&gt;
            &lt;a href="#" class="cambiar-rol"&gt;Cambiar Rol&lt;/a&gt;
        &lt;/div&gt;
        @endif
    &lt;/div&gt;
&lt;/li&gt;
<!-- Menu Footer--&gt;
&lt;/ul&gt;
&lt;/li&gt;
<!-- Control Sidebar Toggle Button --&gt;
&lt;li&gt;
    &lt;a href="#" data-toggle="control-sidebar"&gt;&lt;i class="fa fa-gears"&gt;&lt;/i&gt;&lt;/a&gt;
&lt;/li&gt;
&lt;/ul&gt;
&lt;/div&gt;
&lt;/nav&gt;
&lt;/header&gt;
</pre>

```

#### resources\views\theme\lte\footer.blade.php

```

<footer class="main-footer">
    <div class="pull-right hidden-xs">
        <b>Version</b> 2.4.0
    </div>
    <strong>Copyright &copy; 2014-2016 <a href="https://adminlte.io">Almsaeed Studio</a>. All rights reserved.
</footer>

```

#### resources\views\theme\lte\aside.blade.php

```

<!-- Left side column. contains the sidebar --&gt;
&lt;aside class="main-sidebar"&gt;
    <!-- sidebar: style can be found in sidebar.less --&gt;
    &lt;section class="sidebar"&gt;
        <!-- Sidebar user panel --&gt;
        &lt;div class="user-panel"&gt;
            &lt;div class="pull-left image"&gt;
                &lt;img src="{{asset('assets/$theme/dist/img/user2-160x160.jpg')}}" class="img-circle" alt="User Image"&gt;
            &lt;/div&gt;
            &lt;div class="pull-left info"&gt;
                &lt;p&gt;Alexander Pierce&lt;/p&gt;
                &lt;a href="#"&gt;&lt;i class="fa fa-circle text-success"&gt;&lt;/i&gt; Online&lt;/a&gt;
            &lt;/div&gt;
        &lt;/div&gt;
        <!-- search form --&gt;
        &lt;form action="#" method="get" class="sidebar-form"&gt;
            &lt;div class="input-group"&gt;
                &lt;input type="text" name="q" class="form-control" placeholder="Search..."&gt;
                &lt;span class="input-group-btn"&gt;
</pre>

```

```

        <button type="submit" name="search" id="search-btn" class="btn btn-flat"><i class="fa fa-search"></i>
        </button>
        </span>
    </div>
</form>
<!-- /.search form -->
<!-- sidebar menu: : style can be found in sidebar.less -->
<ul class="sidebar-menu" data-widget="tree">
    <li class="header">MAIN NAVIGATION</li>
    <li class="treeview">
        <a href="#">
            <i class="fa fa-dashboard"></i> <span>Dashboard</span>
            <span class="pull-right-container">
                <i class="fa fa-angle-left pull-right"></i>
            </span>
        </a>
        <ul class="treeview-menu">
            <li><a href="../../index.html"><i class="fa fa-circle-o"></i> Dashboard v1</a></li>
            <li><a href="../../index2.html"><i class="fa fa-circle-o"></i> Dashboard v2</a></li>
        </ul>
    </li>
    <li class="treeview active">
        <a href="#">
            <i class="fa fa-files-o"></i>
            <span>Layout Options</span>
            <span class="pull-right-container">
                <span class="label label-primary pull-right">4</span>
            </span>
        </a>
        <ul class="treeview-menu">
            <li><a href="top-nav.html"><i class="fa fa-circle-o"></i> Top Navigation</a></li>
            <li class="active"><a href="boxed.html"><i class="fa fa-circle-o"></i> Boxed</a></li>
            <li><a href="fixed.html"><i class="fa fa-circle-o"></i> Fixed</a></li>
            <li><a href="collapsed-sidebar.html"><i class="fa fa-circle-o"></i> Collapsed Sidebar</a></li>
        </ul>
    </li>
    <li>
        <a href="../widgets.html">
            <i class="fa fa-th"></i> <span>Widgets</span>
            <span class="pull-right-container">
                <small class="label pull-right bg-green">new</small>
            </span>
        </a>
    </li>
    <li class="treeview">
        <a href="#">
            <i class="fa fa-pie-chart"></i>
            <span>Charts</span>
            <span class="pull-right-container">
                <i class="fa fa-angle-left pull-right"></i>
            </span>
        </a>
        <ul class="treeview-menu">
            <li><a href="../../charts/chartjs.html"><i class="fa fa-circle-o"></i> ChartJS</a></li>
            <li><a href="../../charts/morris.html"><i class="fa fa-circle-o"></i> Morris</a></li>
            <li><a href="../../charts/flot.html"><i class="fa fa-circle-o"></i> Flot</a></li>
            <li><a href="../../charts/inline.html"><i class="fa fa-circle-o"></i> Inline charts</a></li>
        </ul>
    </li>

```

```

</li>
<li class="treeview">
<a href="#">
  <i class="fa fa-laptop"></i>
  <span>UI Elements</span>
  <span class="pull-right-container">
    <i class="fa fa-angle-left pull-right"></i>
  </span>
</a>
<ul class="treeview-menu">
  <li><a href="../UI/general.html"><i class="fa fa-circle-o"></i> General</a></li>
  <li><a href="../UI/icons.html"><i class="fa fa-circle-o"></i> Icons</a></li>
  <li><a href="../UI/buttons.html"><i class="fa fa-circle-o"></i> Buttons</a></li>
  <li><a href="../UI/sliders.html"><i class="fa fa-circle-o"></i> Sliders</a></li>
  <li><a href="../UI/timeline.html"><i class="fa fa-circle-o"></i> Timeline</a></li>
  <li><a href="../UI/modals.html"><i class="fa fa-circle-o"></i> Modals</a></li>
</ul>
</li>
<li class="treeview">
<a href="#">
  <i class="fa fa-edit"></i> <span>Forms</span>
  <span class="pull-right-container">
    <i class="fa fa-angle-left pull-right"></i>
  </span>
</a>
<ul class="treeview-menu">
  <li><a href="../forms/general.html"><i class="fa fa-circle-o"></i> General Elements</a></li>
  <li><a href="../forms/advanced.html"><i class="fa fa-circle-o"></i> Advanced Ele-  
ments</a></li>
  <li><a href="../forms/editors.html"><i class="fa fa-circle-o"></i> Editors</a></li>
</ul>
</li>
<li class="treeview">
<a href="#">
  <i class="fa fa-table"></i> <span>Tables</span>
  <span class="pull-right-container">
    <i class="fa fa-angle-left pull-right"></i>
  </span>
</a>
<ul class="treeview-menu">
  <li><a href="../tables/simple.html"><i class="fa fa-circle-o"></i> Simple tables</a></li>
  <li><a href="../tables/data.html"><i class="fa fa-circle-o"></i> Data tables</a></li>
</ul>
</li>
<li>
  <a href="../calendar.html">
    <i class="fa fa-calendar"></i> <span>Calendar</span>
    <span class="pull-right-container">
      <small class="label pull-right bg-red">3</small>
      <small class="label pull-right bg-blue">17</small>
    </span>
  </a>
</li>
<li>
  <a href="../mailbox/mailbox.html">
    <i class="fa fa-envelope"></i> <span>Mailbox</span>
    <span class="pull-right-container">
      <small class="label pull-right bg-yellow">12</small>
      <small class="label pull-right bg-green">16</small>
    </span>
  </a>
</li>

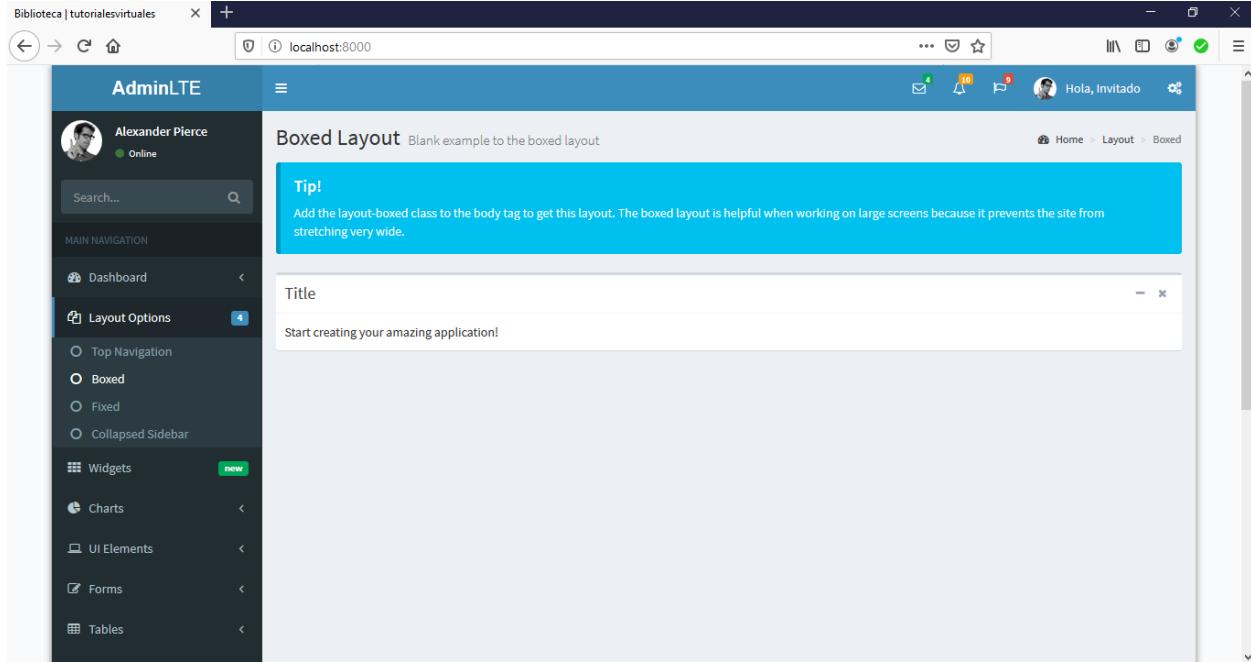
```

```

        <small class="label pull-right bg-red">5</small>
    </span>
</a>
</li>
<li class="treeview">
    <a href="#">
        <i class="fa fa-folder"></i> <span>Examples</span>
        <span class="pull-right-container">
            <i class="fa fa-angle-left pull-right"></i>
        </span>
    </a>
    <ul class="treeview-menu">
        <li><a href="/examples/invoice.html"><i class="fa fa-circle-o"></i> Invoice</a></li>
        <li><a href="/examples/profile.html"><i class="fa fa-circle-o"></i> Profile</a></li>
        <li><a href="/examples/login.html"><i class="fa fa-circle-o"></i> Login</a></li>
        <li><a href="/examples/register.html"><i class="fa fa-circle-o"></i> Register</a></li>
        <li><a href="/examples/lockscreen.html"><i class="fa fa-circle-o"></i> Lockscreen</a></li>
        <li><a href="/examples/404.html"><i class="fa fa-circle-o"></i> 404 Error</a></li>
        <li><a href="/examples/500.html"><i class="fa fa-circle-o"></i> 500 Error</a></li>
        <li><a href="/examples/blank.html"><i class="fa fa-circle-o"></i> Blank Page</a></li>
        <li><a href="/examples/pace.html"><i class="fa fa-circle-o"></i> Pace Page</a></li>
    </ul>
</li>
<li class="treeview">
    <a href="#">
        <i class="fa fa-share"></i> <span>Multilevel</span>
        <span class="pull-right-container">
            <i class="fa fa-angle-left pull-right"></i>
        </span>
    </a>
    <ul class="treeview-menu">
        <li><a href="#"><i class="fa fa-circle-o"></i> Level One</a></li>
        <li class="treeview">
            <a href="#"><i class="fa fa-circle-o"></i> Level One
            <span class="pull-right-container">
                <i class="fa fa-angle-left pull-right"></i>
            </span>
        </a>
        <ul class="treeview-menu">
            <li><a href="#"><i class="fa fa-circle-o"></i> Level Two</a></li>
            <li class="treeview">
                <a href="#"><i class="fa fa-circle-o"></i> Level Two
                <span class="pull-right-container">
                    <i class="fa fa-angle-left pull-right"></i>
                </span>
            </a>
            <ul class="treeview-menu">
                <li><a href="#"><i class="fa fa-circle-o"></i> Level Three</a></li>
                <li><a href="#"><i class="fa fa-circle-o"></i> Level Three</a></li>
            </ul>
        </li>
        </ul>
    </li>
    <li><a href="#"><i class="fa fa-circle-o"></i> Level One</a></li>
    </ul>
</li>
<li><a href="https://adminlte.io/docs"><i class="fa fa-book"></i>
<span>Documentation</span></a></li>
<li class="header">LABELS</li>

```

```
<li><a href="#"><i class="fa fa-circle-o text-red"></i> <span>Important</span></a></li>
<li><a href="#"><i class="fa fa-circle-o text-yellow"></i> <span>Warning</span></a></li>
<li><a href="#"><i class="fa fa-circle-o text-aqua"></i> <span>Information</span></a></li>
</ul>
</section>
<!-- /.sidebar -->
</aside>
```



## Aula 12 - Blade - AdminLTE III

- Apague o controller PermisoController e o recrie da seguinte forma:

```
php artisan make:controller Admin/PermisoController -r
```

```
C:\laragon\www\biblioteca
λ php artisan make:controller Admin/PermisoController -r
Controller created successfully.
```

- Apague o model Permiso e o recrie da seguinte forma:

```
php artisan make:model Models/Admin/Permiso
```

```
C:\laragon\www\biblioteca
λ php artisan make:model Models/Admin/Permiso
Model created successfully.
```

app\Models\Admin\Permiso.php

```
<?php

namespace App\Models\Admin;

use Illuminate\Database\Eloquent\Model;

class Permiso extends Model
{
    protected $table = 'permiso';
}
```

```
<?php

namespace App\Http\Controllers\admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Permiso;

class PermisoController extends Controller
{
    public function index()
    {
        $permisos = Permiso::orderBy('id')->get();
        return view('admin.permiso.index', compact('permisos'));
    }

    public function crear()
    {
        return view('admin.permiso.crear');
```

```

}

public function guardar(ValidarPermiso $request)
{
}

public function mostrar($id)
{
    //
}

public function editar($id)
{
    $data = Permiso::findOrFail($id);
    return view('admin.permiso.editar', compact('data'));
}

public function actualizar(ValidarPermiso $request, $id)
{
}

public function eliminar(Request $request, $id)
{
}
}

```

## resources\views\admin\permiso\crear.blade.php

```

@extends("theme.$theme.layout")
@section('titulo')
    Permisos
@endsection

@section('contenido')


<div class="col-lg-12">
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear Permisos</h3>
            </div>
            <div class="box-body">
                Aqui el formulario
            </div>
        </div>
    </div>
</div>
@endsection


```

Permisos | tutorialesvirtuales X +

← → C ⌂

biblioteca.test/admin/permiso/crear

... 🌐 ☆

4 10 9

Hola, Invitado

AdminLTE

Alexander Pierce  
Online

Search...

MAIN NAVIGATION

Dashboard

Layout Options 4

- Top Navigation
- Boxed
- Fixed
- Collapsed Sidebar

Widgets

Charts

UI Elements

Forms

Tables

Crear Permisos

Aqui el formulario

This screenshot shows a web-based administrative interface. The top navigation bar includes links for 'Permisos | tutorialesvirtuales', a search function, and user notifications. The main header 'AdminLTE' is displayed above a user profile for 'Alexander Pierce' (status: Online). A search bar is present. The left sidebar, titled 'MAIN NAVIGATION', contains links for 'Dashboard', 'Layout Options' (with a notification count of 4), 'Widgets', 'Charts', 'UI Elements', 'Forms', and 'Tables'. The right main content area is titled 'Crear Permisos' and contains placeholder text 'Aqui el formulario'.

# Aula 13 - Sistema de Menus

- Em todas as migrations insira as seguintes linhas:

```
$table->charset = 'utf8mb4';
$table->collation = 'utf8mb4_spanish_ci';
```

## Criando a migration menu

```
php artisan make:migration crear_tabla_menu --create=menu
```

```
C:\laragon\www\biblioteca          Edge      tutovirtual0
λ php artisan make:migration crear_tabla_menu --create=menu
Created Migration: 2019_11_22_155231_create_tabla_menu
```

database\migrations\2019\_11\_22\_155231\_create\_tabla\_menu.php

```
<?php

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

class CrearTablaMenu extends Migration
{
    public function up()
    {
        Schema::create('menu', function (Blueprint $table) {
            $table->increments('id');
            $table->unsignedInteger('menu_id')->default(0);
            $table->string('nombre', 50);
            $table->string('url', 100);
            $table->unsignedInteger('orden')->default(0);
            $table->string('icono', 50)->nullable();
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('menu');
    }
}
```

## Criando a migration menu\_rol

```
php artisan make:migration crear_tabla_menu_rol --create=menu_rol
```

```
C:\laragon\www\biblioteca
λ php artisan make:migration crear_tabla_menu_rol --create=menu_rol
Created Migration: 2019_11_22_161230_crear_tabla_menu_rol
```

## Criando as tabelas

- Apague o banco de dados biblioteca e o recrie novamente.

- Crie as tabelas

```
php artisan migrate
```

```
C:\laragon\www\biblioteca
λ php artisan migrate
Migration table created successfully.
Migrating: 2019_11_17_183434_crear_tabla_usuario
Migrated: 2019_11_17_183434_crear_tabla_usuario (0.41 seconds)
Migrating: 2019_11_17_204902_crear_tabla_rol
Migrated: 2019_11_17_204902_crear_tabla_rol (0.48 seconds)
Migrating: 2019_11_17_210159_crear_tabla_permiso
Migrated: 2019_11_17_210159_crear_tabla_permiso (0.27 seconds)
Migrating: 2019_11_17_211117_crear_tabla_usuario_rol
Migrated: 2019_11_17_211117_crear_tabla_usuario_rol (1.53 seconds)
Migrating: 2019_11_17_222432_crear_tabla_permiso_rol
Migrated: 2019_11_17_222432_crear_tabla_permiso_rol (1.42 seconds)
Migrating: 2019_11_17_224533_crear_tabla_libro
Migrated: 2019_11_17_224533_crear_tabla_libro (0.44 seconds)
Migrating: 2019_11_17_225430_crear_tabla_libro_prestamo
Migrated: 2019_11_17_225430_crear_tabla_libro_prestamo (1.3 seconds)
Migrating: 2019_11_22_155231_crear_tabla_menu
Migrated: 2019_11_22_155231_crear_tabla_menu (0.16 seconds)
Migrating: 2019_11_22_161230_crear_tabla_menu_rol
Migrated: 2019_11_22_161230_crear_tabla_menu_rol (1.37 seconds)
```

- Corrija o seeder e o factory de permiso:

**database\seeds\TablaPermisoSeeder.php**

```
<?php

use Illuminate\Database\Seeder;
use App\Models\Admin\Permiso;

class TablaPermisoSeeder extends Seeder
{
    public function run()
    {
        factory(Permiso::class)->times(50)->create();
    }
}
```

**database\factories\PermisoFactory.php**

```
<?php

/** @var \Illuminate\Database\Eloquent\Factory $factory */

use App\Model;
use App\Models\Admin\Permiso;
use Faker\Generator as Faker;

$factory->define(Permiso::class, function (Faker $faker) {
    return [
        'nombre' => $faker->name,
        'slug' => $faker->word,
    ];
});
```

- Popule a tabela Permiso e a tabela Rol:

**php artisan db:seed**

```
C:\laragon\www\biblioteca
λ php artisan db:seed
Seeding: TablaRolSeeder
Seeded: TablaRolSeeder (0.08 seconds)
Seeding: TablaPermisoSeeder
Seeded: TablaPermisoSeeder (1.35 seconds)
Database seeding completed successfully.
```

## Redis

.env

```
APP_NAME=Laravel
APP_ENV=local
APP_KEY=base64:mi/sUdxQecX0R9xQuVXSJKJZ8zfC4BqrWKK30gyFrOs=
APP_DEBUG=true
APP_URL=http://localhost

LOG_CHANNEL=stack

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

BROADCAST_DRIVER=log
CACHE_DRIVER=redis
QUEUE_CONNECTION=sync
SESSION_DRIVER=file
SESSION_LIFETIME=120

REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379

MAIL_DRIVER=smtp
MAIL_HOST=smtp.mailtrap.io
MAIL_PORT=2525
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null

AWS_ACCESS_KEY_ID=
AWS_SECRET_ACCESS_KEY=
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=

PUSHER_APP_ID=
PUSHER_APP_KEY=
PUSHER_APP_SECRET=
PUSHER_APP_CLUSTER=mt1

MIX_PUSHER_APP_KEY="${PUSHER_APP_KEY}"
MIX_PUSHER_APP_CLUSTER="${PUSHER_APP_CLUSTER}"
```

## Testando

```
C:\laragon\www\biblioteca
λ redis-cli
127.0.0.1:6379> exit
```

## Rodando o servidor

C:\laragon\www\biblioteca  
λ redis-server  
[1692] 22 Nov 14:35:22.531 # Warning: no config file specified, using the default config. In order to specify a config file use redis-server /path/to/redis.conf  
[1692] 22 Nov 14:35:22.552 # Creating Server TCP 127.0.0.1:6379  
C:\laragon\www\biblioteca  
λ [ ]  
└── permiso  
 ├── blade.php  
 ├── create.blade.php  
 ├── editar.blade.php  
 ├── form.blade.php  
 └── index.blade.php  
 └── theme  
 ├── he  
 ├── info.blade.php  
 └── welcome.blade.php  
 └── routes  
 ├── api.php  
 ├── channels.php  
 ├── console.php  
 └── web.php  
 └── storage  
 └── tests  
 └── vendor  
 └── editorconfig  
 └── .env.example  
 └── .gitignore  
Curso Laravel 58 - Parte 13

Windows Defender Firewall  
Alerta de Segurança do Windows  
O Windows Defender Firewall bloqueou alguns recursos deste aplicativo  
O Windows Defender Firewall bloqueou alguns recursos de redis-server em todas as redes públicas e privadas.  
Nome: redis-server  
Fornecedor: Desconhecido(a)  
Caminho: C:\laragon\bin\redis\x64-3.2.100\redis-server.exe  
Permitir redis-server a comunicação nestas redes:  
 Redes privadas, como minha rede doméstica ou corporativa  
 Redes públicas, como as de aeroportos e cafeterias (não recomendado porque essas redes sempre têm menos ou nenhuma segurança)  
Quais são os riscos de permitir um aplicativo através de um firewall?  
Permitir acesso Cancelar

## Limpando arquivos de configuração em cache

```
php artisan config:clear
```

C:\laragon\www\biblioteca  
λ php artisan config:clear  
Configuration cache cleared!

# Aula 14 - Sistema de Menus - CRUD

## Criando o model Menu

```
php artisan make:model Models/Admin/Menu
```

```
C:\laragon\www\biblioteca
λ php artisan make:model Models/Admin/Menu
Model created successfully.
```

app\Models\Admin\Menu.php

```
<?php

namespace App\Models\Admin;

use Illuminate\Database\Eloquent\Model;

class Menu extends Model
{
    protected $table = "menu";
    protected $fillable = ['nombre', 'url', 'icono'];
    protected $guarded = ['id'];
}
```

## Criando o model MenuRol

```
php artisan make:model Models/Admin/MenuRol
```

```
C:\laragon\www\biblioteca
λ php artisan make:model Models/Admin/MenuRol
Model created successfully.
```

app\Models\Admin\MenuRol.php

```
<?php

namespace App\Models\Admin;

use Illuminate\Database\Eloquent\Model;

class MenuRol extends Model
{
    protected $table = "menu_rol";
    public $timestamps = false;
}
```

## Criando o controller MenuController

```
php artisan make:controller Admin/MenuController -r
```

```
C:\laragon\www\biblioteca
λ php artisan make:controller Admin/MenuController -r
Controller created successfully.
```

app\Http\Controllers\Admin\MenuController.php

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Menu;
use App\Http\Requests\ValidacionMenu;

class MenuController extends Controller
{
    public function index()
    {

    }

    public function crear()
    {
        return view('admin.menu.crear');
    }

    public function guardar(Request $request)
    {
        Menu::create($request->all());
    }

    public function editar($id)
    {

    }

    public function actualizar(Request $request, $id)
    {

    }

    public function eliminar($id)
    {

    }
}
```

## Rotas

routes\web.php

```
<?php

Route::get('/', 'InicioController@index');
Route::get('admin/permiso', 'Admin/PermisoController@index')->name('permiso');

Route::group(['prefix' => 'admin', 'namespace' => 'Admin'], function () {
    /*RUTAS DE PERMISO*/
    Route::get('permiso', 'PermisoController@index')->name('permiso');
    Route::get('permiso/crear', 'PermisoController@crear')->name('crear_permiso');
    Route::post('permiso', 'PermisoController@guardar')->name('guardar_permiso');
    Route::get('permiso/{id}/editar', 'PermisoController@editar')->name('editar_permiso');
    Route::put('permiso/{id}', 'PermisoController@actualizar')->name('actualizar_permiso');
    Route::delete('permiso/{id}', 'PermisoController@eliminar')->name('eliminar_permiso');
    /*RUTAS DEL MENU*/
    Route::get('menu', 'MenuController@index')->name('menu');
    Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');
    Route::post('menu', 'MenuController@guardar')->name('guardar_menu');
    Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');
    Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');
    Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');
    Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');
});
```

## Menu Crear

resources\views\admin\menu\crear.blade.php

```
@extends("theme.$theme.layout")
@section('titulo')
    Sistema Menús
@endsection

@section('contenido')


<div class="col-lg-12">
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear Menús</h3>
                <a href="{{route('menu')}}" class="btn btn-info btn-sm pull-right">Listado</a>
            </div>
            <form action="{{route('guardar_menu')}}" id="form-general" class="form-horizontal" method="POST" autocomplete="off">
                @csrf
                <div class="box-body">
                    @include('admin.menu.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">


```

```

        @include('includes.boton-form-crear')
    </div>
</div>
</form>
</div>
</div>
</div>
@endsection

```

**resources\views\admin\menu\form.blade.php**

```

<div class="form-group">
    <label for="nombre" class="col-lg-3 control-label requerido">Nombre</label>
    <div class="col-lg-8">
        <input type="text" name="nombre" id="nombre" class="form-control" value="{{old('nombre', $data->nombre ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="url" class="col-lg-3 control-label requerido">Url</label>
    <div class="col-lg-8">
        <input type="text" name="url" id="url" class="form-control" value="{{old('url', $data->url ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="icono" class="col-lg-3 control-label">Icono</label>
    <div class="col-lg-8">
        <input type="text" name="icono" id="icono" class="form-control" value="{{old('icono', $data->icono ?? '')}}"/>
    </div>
    <div class="col-lg-1">
        <span id="mostrar-icono" class="fa fa-fw {{old("icono")}}"></span>
    </div>
</div>

```

**public\assets\css\custom.css**

```

label.requerido:after{
    content: "*";
    color: #e73d4a
}
.btn-accion-tabla {
    cursor: pointer;
    border: none;
    background: 0;
    padding: 0 0 0 5px;
    font-size: 14px !important;
    line-height: 1.5;
}
.d-inline{
    display: inline;
}
.width70{
    width: 70px !important;
}

```

```
}

.pl-20{
    padding-left:20px !important;
}
.pl-30{
    padding-left:30px !important;
}
.pl-40{
    padding-left:40px !important;
}
```

```
resources\views\theme\lte\layout.blade.php
```

```
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>@yield('titulo', 'Biblioteca') | tutorialesvirtuales</title>
    <!-- Tell the browser to be responsive to screen width -->
    <meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">
    <!-- Bootstrap 3.3.7 -->
    <link rel="stylesheet"
        href="{{asset("assets/$theme/bower_components/bootstrap/dist/css/bootstrap.min.css")}}>
    <!-- Font Awesome -->
    <link rel="stylesheet" href="{{asset("assets/$theme/bower_components/font-awesome/css/font-awesome.min.css")}}>
    <!-- Ionicons -->
    <link rel="stylesheet"
        href="{{asset("assets/$theme/bower_components/Ionicons/css/ionicons.min.css")}}>
    <!-- Theme style -->
    <link rel="stylesheet" href="{{asset("assets/$theme/dist/css/AdminLTE.min.css")}}>
    <!-- AdminLTE Skins. Choose a skin from the css/skins
        folder instead of downloading all of them to reduce the load. -->
    <link rel="stylesheet" href="{{asset("assets/$theme/dist/css/skins/_all-skins.min.css")}}>

    <link rel="stylesheet"
        href="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.css">

    @yield("styles")

    <link rel="stylesheet" href="{{asset("assets/css/custom.css")}}>

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
    <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
    <!--[if lt IE 9]>
        <script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
        <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
    <![endif]-->

    <!-- Google Font -->
    <link rel="stylesheet"
        href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,600italic">
</head>
<body class="hold-transition skin-blue layout-boxed sidebar-mini">
    <!-- Site wrapper -->
    <div class="wrapper">
        <!-- Inicio Header -->
        @include("theme/$theme/header")
        <!-- Fin Header -->
        <!-- Inicio Aside -->
        @include("theme/$theme/aside")
        <!-- Fin Aside -->
```

```

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">

    <!-- Main content -->
    <section class="content">
        @yield('contenido')
    </section>
    <!-- /.content -->
</div>
<!-- /.content-wrapper -->

<!--Inicio Footer -->
@include("theme/$theme/footer")
<!-- Fin Footer -->
<!--Inicio de ventana modal para login con más de un rol -->
@if(session()->get("roles") && count(session()->get("roles")) > 1)
    @csrf
    <div class="modal fade" id="modal-seleccionar-rol" data-rol-set="{{empty(session())->get("rol_id")) ? 'NO' : 'SI'}}" tabindex="-1" data-backdrop="static" data-keyboard="false">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <h4 class="modal-title">Roles de Usuario</h4>
                </div>
                <div class="modal-body">
                    <p>Cuentas con mas de un Rol en la plataforma, a continuación seleccione con cual de ellos desea trabajar</p>
                    @foreach(session()->get("roles") as $key => $rol)
                        <li>
                            <a href="#" class="asignar-rol" data-rolid="{{ $rol['id'] }}" data-rolnombre="{{ $rol['nombre'] }}"
                                href="#">{{ $rol['nombre'] }}
                        </li>
                    @endforeach
                </div>
            </div>
        </div>
    </div>
    @endif
</div>
<script
src="{{asset("assets/$theme/bower_components/jquery/dist/jquery.min.js")}}"></script>
<!-- Bootstrap 3.3.7 -->
<script
src="{{asset("assets/$theme/bower_components/bootstrap/dist/js/bootstrap.min.js")}}"></script>
>
<!-- SlimScroll -->
<script src="{{asset("assets/$theme/bower_components/jquery-slimscroll/jquery-slimscroll/jquery.slimscroll.min.js")}}"></script>
<!-- FastClick -->
<script
src="{{asset("assets/$theme/bower_components/fastclick/lib/fastclick.js")}}"></script>
<!-- AdminLTE App -->
<script src="{{asset("assets/$theme/dist/js/adminlte.min.js")}}"></script>
<!-- AdminLTE for demo purposes -->
@yield("scriptsPlugins")

```

```

<script src="{{asset("assets/js/jquery-validation/jquery.validate.min.js")}}></script>
<script src="{{asset("assets/js/jquery-validation/localization/messages_es.min.js")}}></script>
<script src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.js"></script>
<script src="{{asset("assets/js/scripts.js")}}></script>
<script src="{{asset("assets/js/funciones.js")}}></script>
@yield("scripts")
</body>

</html>

```

### resources\views\includes\boton-form-crear.blade.php

```

<button type="reset" class="btn btn-default">Cancel</button>
<button type="submit" class="btn btn-success">Guardar</button>

```

Sistema Menús | tutorialesvirtuales +

biblioteca.test/admin/menu/crear

Hola, Invitado

AdminLTE

Alexander Pierce Online

Search...

MAIN NAVIGATION

Dashboard

Layout Options 4

Top Navigation

Boxed

Crear Menús

Nombre \* Menu

Url \* admin/menu

Icono

Cancelar Guardar

Listado

Showing rows 0 - 0 (1 total, Query took 0.0045 seconds.)

SELECT \* FROM `menu`

Profiling [Edit inline] [ Edit ]

Show all Number of rows: 25 Filter rows: Search this table

+ Options	id	menu_id	nombre	url	orden	icono	created_at	updated_at
<input type="checkbox"/>	1	0	Menu	admin/menu	0	NULL	2019-11-23 14:18:09	2019-11-23 14:18:09

Check all With selected:

# Aula 15 - Sistema de Menus - Validación Formularios

## Criando um Form Request Validation

```
php artisan make:request ValidacionMenu
```

```
C:\laragon\www\biblioteca
λ php artisan make:request ValidacionMenu
Request created successfully.
```

app\Http\Requests\ValidacionMenu.php

```
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;
use App\Rules\ValidarCampoUrl;

class ValidacionMenu extends FormRequest
{
    public function authorize()
    {
        return true;
    }

    public function rules()
    {
        return [
            'nombre' => 'required|max:50|unique:menu,nombre,' . $this->route('id'),
            'url' => ['required', 'max:100'],
            'icono' => 'nullable|max:50'
        ];
    }
}
```

```
app\Http\Controllers\Admin\MenuController.php

<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Menu;
use App\Http\Requests\ValidacionMenu;

class MenuController extends Controller
{
    public function index()
    {

    }

    public function crear()
    {
        return view('admin.menu.crear');
    }

    public function guardar(ValidacionMenu $request)
    {
        Menu::create($request->all());
    }

    public function editar($id)
    {

    }

    public function actualizar(ValidacionMenu $request, $id)
    {

    }

    public function eliminar($id)
    {

    }
}
```

resources\views\admin\menu\form.blade.php

```
<div class="form-group">
    <label for="nombre" class="col-lg-3 control-label requerido">Nombre</label>
    <div class="col-lg-8">
        <input type="text" name="nombre" id="nombre" class="form-control" value="{{old('nombre',
$data->nombre ?? '')}} />
    </div>
</div>
<div class="form-group">
    <label for="url" class="col-lg-3 control-label requerido">Url</label>
    <div class="col-lg-8">
        <input type="text" name="url" id="url" class="form-control" value="{{old('url', $data->url ?? '')}} />
    </div>
</div>
<div class="form-group">
    <label for="icono" class="col-lg-3 control-label">Icono</label>
    <div class="col-lg-8">
        <input type="text" name="icono" id="icono" class="form-control" value="{{old('icono', $data->icono ?? '')}}/>
    </div>
    <div class="col-lg-1">
        <span id="mostrar-icono" class="fa fa-fw {{old("icono")}}></span>
    </div>
</div>
```

resources\views\admin\menu\crear.blade.php

```
@extends("theme.$theme.layout")
@section('titulo')
    Sistema Menús
@endsection

@section('contenido')


<div class="col-lg-12">
        @include('includes.form-error')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear Menús</h3>
                <a href="{{route('menu')}}" class="btn btn-info btn-sm pull-right">Listado</a>
            </div>
            <form action="{{route('guardar_menu')}}" id="form-general" class="form-horizontal" method="POST" autocomplete="off">
                @csrf
                <div class="box-body">
                    @include('admin.menu.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-crear')
                    </div>
                </div>
            </form>
        </div>
    </div>


```

```
        </form>
    </div>
</div>
</div>
@endsection
```

### **resources\views\includes\form-error.blade.php**

```
@if($errors->any())
    <div class="alert alert-danger alert-dismissible">
        <button type="button" class="close" data-dismiss="alert" aria-hidden="true">x</button>
        <h4><i class="icon fa fa-ban"></i> El formulario contiene errores</h4>
        <ul>
            @foreach ($errors->all() as $error)
                <li>{{ $error }}</li>
            @endforeach
        </ul>
    </div>
@endif
```

- Acesse a URL a seguir e baixe o pacote de idiomas em espanhol (pasta es) e copie para dentro da pasta resources/lang.

<https://github.com/Laravel/spanish/tree/master/resources/lang>

```
config\app.php
```

```
<?php
```

```
return [
```

```
/*  
|-----  
| Application Name  
|-----  
  
| This value is the name of your application. This value is used when the  
| framework needs to place the application's name in a notification or  
| any other location as required by the application or its packages.  
|-----  
*/
```

```
'name' => env('APP_NAME', 'Laravel'),
```

```
/*  
|-----  
| Application Environment  
|-----  
  
| This value determines the "environment" your application is currently  
| running in. This may determine how you prefer to configure various  
| services the application utilizes. Set this in your ".env" file.  
|-----  
*/
```

```
'env' => env('APP_ENV', 'production'),
```

```
/*  
|-----  
| Application Debug Mode  
|-----  
  
| When your application is in debug mode, detailed error messages with  
| stack traces will be shown on every error that occurs within your  
| application. If disabled, a simple generic error page is shown.  
|-----  
*/
```

```
'debug' => env('APP_DEBUG', false),
```

```
/*  
|-----  
| Application URL  
|-----  
  
| This URL is used by the console to properly generate URLs when using  
| the Artisan command line tool. You should set this to the root of  
| your application so that it is used when running Artisan tasks.  
|-----  
*/
```

```
'url' => env('APP_URL', 'http://localhost'),  
  
'asset_url' => env('ASSET_URL', null),  
  
/*  
|-----  
| Application Timezone  
|-----  
|  
| Here you may specify the default timezone for your application, which  
| will be used by the PHP date and date-time functions. We have gone  
| ahead and set this to a sensible default for you out of the box.  
|  
*/  
  
'timezone' => 'UTC',  
  
/*  
|-----  
| Application Locale Configuration  
|-----  
|  
| The application locale determines the default locale that will be used  
| by the translation service provider. You are free to set this value  
| to any of the locales which will be supported by the application.  
|  
*/  
  
'locale' => 'es',  
  
/*  
|-----  
| Application Fallback Locale  
|-----  
|  
| The fallback locale determines the locale to use when the current one  
| is not available. You may change the value to correspond to any of  
| the language folders that are provided through your application.  
|  
*/  
  
'fallback_locale' => 'en',  
  
/*  
|-----  
| Faker Locale  
|-----  
|  
| This locale will be used by the Faker PHP library when generating fake  
| data for your database seeds. For example, this will be used to get  
| localized telephone numbers, street address information and more.  
|  
*/  
  
'faker_locale' => 'en_US',  
  
/*
```

```
|-----  
| Encryption Key  
|-----  
|  
| This key is used by the Illuminate encrypter service and should be set  
| to a random, 32 character string, otherwise these encrypted strings  
| will not be safe. Please do this before deploying an application!  
|  
*/  
  
'key' => env('APP_KEY'),  
  
'cipher' => 'AES-256-CBC',  
  
/*  
|-----  
| Autoloaded Service Providers  
|-----  
|  
| The service providers listed here will be automatically loaded on the  
| request to your application. Feel free to add your own services to  
| this array to grant expanded functionality to your applications.  
|  
*/  
  
'providers' => [  
  
    /*  
     * Laravel Framework Service Providers...  
    */  
    Illuminate\Auth\AuthServiceProvider::class,  
    Illuminate\Broadcasting\BroadcastServiceProvider::class,  
    Illuminate\Bus\BusServiceProvider::class,  
    Illuminate\Cache\CacheServiceProvider::class,  
    Illuminate\Foundation\Providers\ConsoleSupportServiceProvider::class,  
    Illuminate\Cookie\CookieServiceProvider::class,  
    Illuminate\Database\DatabaseServiceProvider::class,  
    Illuminate\Encryption\EncryptionServiceProvider::class,  
    Illuminate\Filesystem\FilesystemServiceProvider::class,  
    Illuminate\Foundation\Providers\FoundationServiceProvider::class,  
    Illuminate\Hashing\HashServiceProvider::class,  
    Illuminate\Mail\MailServiceProvider::class,  
    Illuminate\Notifications\NotificationServiceProvider::class,  
    Illuminate\Pagination\PaginationServiceProvider::class,  
    Illuminate\Pipeline\PipelineServiceProvider::class,  
    Illuminate\Queue\QueueServiceProvider::class,  
    Illuminate\Redis\RedisServiceProvider::class,  
    Illuminate\Auth\Passwords\PasswordResetServiceProvider::class,  
    Illuminate\Session\SessionServiceProvider::class,  
    Illuminate\Translation\TranslationServiceProvider::class,  
    Illuminate\Validation\ValidationServiceProvider::class,  
    Illuminate\View\ViewServiceProvider::class,  
  
    /*  
     * Package Service Providers...  
    */
```

```
/*
 * Application Service Providers...
 */
App\Providers\AppServiceProvider::class,
App\Providers\AuthServiceProvider::class,
// App\Providers\BroadcastServiceProvider::class,
App\Providers\EventServiceProvider::class,
App\Providers\RouteServiceProvider::class,
```

],

```
/*
| -----
| Class Aliases
| -----
|
| This array of class aliases will be registered when this application
| is started. However, feel free to register as many as you wish as
| the aliases are "lazy" loaded so they don't hinder performance.
|
```

\*/

```
'aliases' => [
```

```
'App' => Illuminate\Support\Facades\App::class,
'Arr' => Illuminate\Support\Arr::class,
'Artisan' => Illuminate\Support\Facades\Artisan::class,
'Auth' => Illuminate\Support\Facades\Auth::class,
'Blade' => Illuminate\Support\Facades\Blade::class,
'Broadcast' => Illuminate\Support\Facades\Broadcast::class,
'Bus' => Illuminate\Support\Facades\Bus::class,
'Cache' => Illuminate\Support\Facades\Cache::class,
'Config' => Illuminate\Support\Facades\Config::class,
'Cookie' => Illuminate\Support\Facades\Cookie::class,
'Crypt' => Illuminate\Support\Facades\Crypt::class,
'DB' => Illuminate\Support\Facades\DB::class,
'Eloquent' => Illuminate\Database\Eloquent\Model::class,
'Event' => Illuminate\Support\Facades\Event::class,
'File' => Illuminate\Support\Facades\File::class,
'Gate' => Illuminate\Support\Facades\Gate::class,
'Hash' => Illuminate\Support\Facades\Hash::class,
'Lang' => Illuminate\Support\Facades\Lang::class,
'Log' => Illuminate\Support\Facades\Log::class,
'Mail' => Illuminate\Support\Facades\Mail::class,
'Notification' => Illuminate\Support\Facades\Notification::class,
>Password' => Illuminate\Support\Facades\Password::class,
'Queue' => Illuminate\Support\Facades\Queue::class,
'Redirect' => Illuminate\Support\Facades\Redirect::class,
'Redis' => Illuminate\Support\Facades\Redis::class,
'Request' => Illuminate\Support\Facades\Request::class,
'Response' => Illuminate\Support\Facades\Response::class,
'Route' => Illuminate\Support\Facades\Route::class,
'Schema' => Illuminate\Support\Facades\Schema::class,
'Session' => Illuminate\Support\Facades\Session::class,
'Storage' => Illuminate\Support\Facades\Storage::class,
'Str' => Illuminate\Support\Str::class,
'URL' => Illuminate\Support\Facades\Url::class,
```

'Validator' => Illuminate\Support\Facades\Validator::class,  
'View' => Illuminate\Support\Facades\View::class,  
],  
];

The screenshot shows a web browser window with the URL `biblioteca.test/admin/menu/crear`. The page is titled "Crear Menús". A red error message box at the top states "El formulario contiene errores" with two bullet points: "El campo nombre es requerido." and "El campo url es requerido.". Below the message box is a form with three fields: "Nombre \*", "Url \*", and "Icono". At the bottom right of the form are "Cancel" and "Guardar" buttons.

## Criando uma nova regra de validação

```
php artisan make:rule ValidarCampoUrl
```

```
C:\laragon\www\biblioteca
└─ php artisan make:rule ValidarCampoUrl
    Rule created successfully.
```

```
app\Rules\ValidarCampoUrl.php
```

```
<?php

namespace App\Rules;

use Illuminate\Contracts\Validation\Rule;
use App\Models\Admin\Menu;

class ValidarCampoUrl implements Rule
{
    public function __construct()
    {
        //
    }

    public function passes($attribute, $value)
    {
        if($value != '#'){
            $menu = Menu::where($attribute, $value)->where('id', '!=', request()->route('id'))->get();
            return $menu->isEmpty();
        }
        return true;
    }

    public function message()
    {
        return 'Esta url ya esta asignada';
    }
}
```

```
app\Http\Requests\ValidacionMenu.php
```

```
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;
use App\Rules\ValidarCampoUrl;

class ValidacionMenu extends FormRequest
{
    public function authorize()
```

```

{
    return true;
}

public function rules()
{
    return [
        'nombre' => 'required|max:50|unique:menu,nombre,' . $this->route('id'),
        'url' => ['required', 'max:100', new ValidarCampoUrl],
        'icono' => 'nullable|max:50'
    ];
}

```

The screenshot shows a Laravel admin interface titled "AdminLTE". The left sidebar has a dark theme with "Dashboard" selected. The main content area shows a red error message box with the title "El formulario contiene errores" and a single item: "Esta url ya esta asignada". Below the message is a form titled "Crear Menú". It has three fields: "Nombre" with value "Menu 2", "Url" with value "admin/menu", and "Icono" which is empty. At the bottom are "Cancel" and "Guardar" buttons.

`app\Http\Controllers\Admin\MenuController.php`

```

<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Menu;
use App\Http\Requests\ValidacionMenu;

class MenuController extends Controller
{
    public function index()
    {

    }

    public function crear()
    {
        return view('admin.menu.crear');
    }
}

```

```

public function guardar(ValidacionMenu $request)
{
    Menu::create($request->all());
    return redirect('admin/menu/crear')->with('mensaje', 'Menú creado con éxito');
}

public function editar($id)
{

}

public function actualizar(ValidacionMenu $request, $id)
{
}

public function eliminar($id)
{
}

}

```

#### **resources\views\admin\menu\crear.blade.php**

```

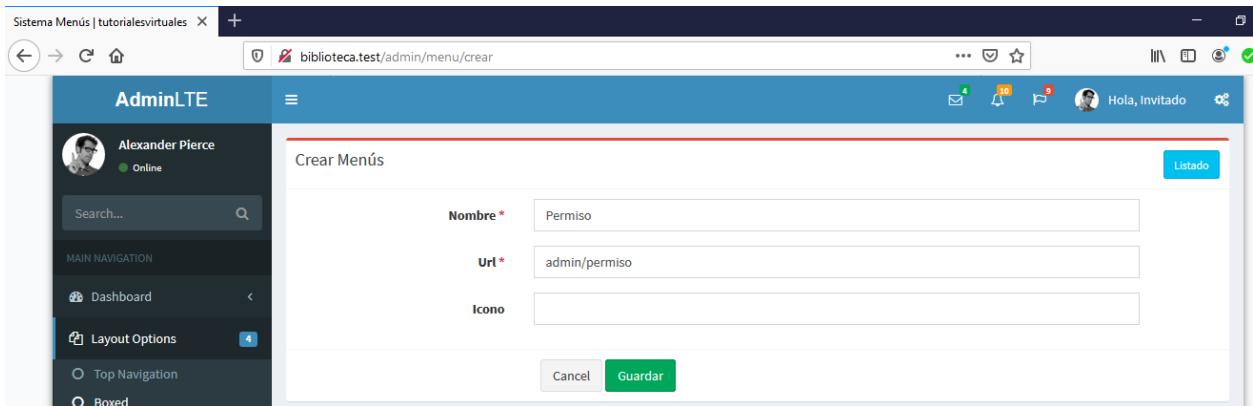
@extends("theme.$theme.layout")
@section('titulo')
    Sistema Menús
@endsection

@section('contenido')
<div class="row">
    <div class="col-lg-12">
        @include('includes.form-error')
        @include('includes.mensaje')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear Menús</h3>
                <a href="{{route('menu')}}" class="btn btn-info btn-sm pull-right">Listado</a>
            </div>
            <form action="{{route('guardar_menu')}}" id="form-general" class="form-horizontal" method="POST" autocomplete="off">
                @csrf
                <div class="box-body">
                    @include('admin.menu.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-crear')
                    </div>
                </div>
            </form>
        </div>
    </div>
</div>
@endsection

```

resources\views\includes\mensaje.blade.php

```
@if (session("mensaje"))
    <div class="alert alert-success alert-dismissible">
        <button type="button" class="close" data-dismiss="alert" aria-hidden="true">>x</button>
        <h4><i class="icon fa fa-check"></i> Mensaje sistema Biblioteca</h4>
        <ul>
            <li>{{ session("mensaje") }}</li>
        </ul>
    </div>
@endif
```



Sistema Menús | tutorialesvirtuales X +

biblioteca.test/admin/menu/crear

AdminLTE

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Search...

MAIN NAVIGATION

Dashboard

Layout Options 4

Top Navigation

Boxed

Crear Menús

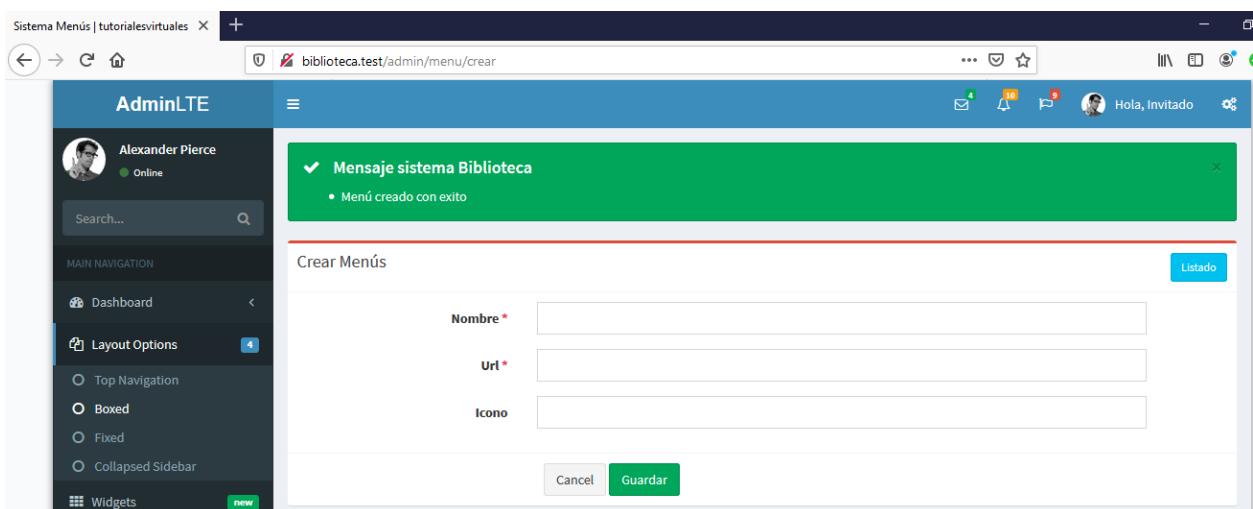
Nombre \* Permito

Url \* admin/permiso

Icono

Cancelar Guardar

Listado



Sistema Menús | tutorialesvirtuales X +

biblioteca.test/admin/menu/crear

AdminLTE

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MAIN NAVIGATION

Dashboard

Layout Options 4

Top Navigation

Boxed

Fixed

Collapsed Sidebar

Widgets new

Mensaje sistema Biblioteca

Menú creado con éxito

Crear Menús

Nombre \*

Url \*

Icono

Cancelar Guardar

Listado

Sistema Menús | tutorialesvirtuales X +

biblioteca.test/admin/menu/crear

AdminLTE

Alexander Pierce Online

Search...

MAIN NAVIGATION

- Dashboard
- Layout Options 4
- Top Navigation
- Boxed
- Fixed
- Collapsed Sidebar
- Widgets new

Crear Menús

Nombre \*

Url \*

Icono

Listado

Sistema Menús | tutorialesvirtuales X +

biblioteca.test/admin/menu/crear

AdminLTE

Alexander Pierce Online

Search...

MAIN NAVIGATION

- Dashboard
- Layout Options 4
- Top Navigation
- Boxed
- Fixed
- Collapsed Sidebar
- Widgets new

✓ Mensaje sistema Biblioteca  
 • Menú creado con éxito

Crear Menús

Nombre \*

Url \*

Icono

Listado

Showing rows 0 - 2 (3 total, Query took 0.0035 seconds.)

```
SELECT * FROM `menu`
```

Profiling [Edit inline] [ Edit ]

Show all | Number of rows: 25 ▾ Filter rows: Search this table Sort by key: None ▾

+ Options

	Edit	Copy	Delete	id	menu_id	nombre	url	orden	icono	created_at	updated_at
<input type="checkbox"/>				1	0	Menu	admin/menu	0	NULL	2019-11-23 20:37:25	2019-11-23 20:37:25
<input type="checkbox"/>				2	0	Permito	admin/permiso	0	NULL	2019-11-23 20:38:59	2019-11-23 20:38:59
<input type="checkbox"/>				3	0	Usuario	admin/usuario	0	NULL	2019-11-23 20:48:50	2019-11-23 20:48:50

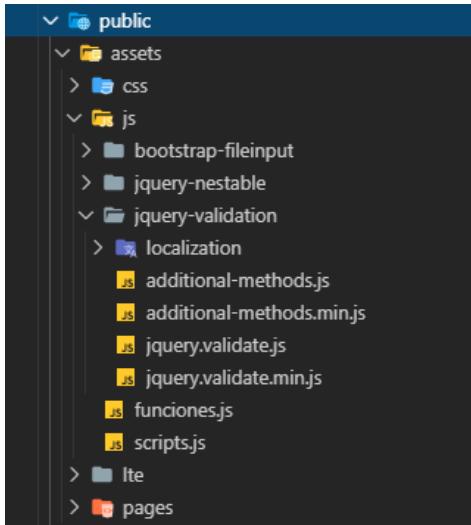
↑  Check all With selected: Edit Copy Delete Export

# Aula 16 - Sistema de Menus - Validação desde o cliente

## jQuery Validation Plugin

<https://github.com/jquery-validation/jquery-validation/releases/tag/1.19.1>

- Faça o download e copie o conteúdo da subpasta **dist** para dentro de **public/assets/js/jquery-validation**



`resources\views\theme\lte\layout.blade.php`

```
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>@yield('titulo', 'Biblioteca') | tutorialesvirtuales</title>
    <!-- Tell the browser to be responsive to screen width -->
    <meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">
    <!-- Bootstrap 3.3.7 -->
    <link rel="stylesheet"
        href="{{asset('assets/$theme/bower_components/bootstrap/dist/css/bootstrap.min.css')}}">
    <!-- Font Awesome -->
    <link rel="stylesheet" href="{{asset('assets/$theme/bower_components/font-awesome/css/font-awesome.min.css')}}">
    <!-- Ionicons -->
    <link rel="stylesheet"
        href="{{asset('assets/$theme/bower_components/ionicons/css/ionicons.min.css')}}">
    <!-- Theme style -->
    <link rel="stylesheet" href="{{asset('assets/$theme/dist/css/AdminLTE.min.css')}}">
    <!-- AdminLTE Skins. Choose a skin from the css/skins
        folder instead of downloading all of them to reduce the load. -->
    <link rel="stylesheet" href="{{asset('assets/$theme/dist/css/skins/_all-skins.min.css')}}">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.css">
```

```

@yield("styles")

<link rel="stylesheet" href="{{asset("assets/css/custom.css")}}>



<!--[if lt IE 9]>
<script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
<script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
<![endif]-->


<link rel="stylesheet"
      href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,600it
      alic">
</head>
<body class="hold-transition skin-blue layout-boxed sidebar-mini">
    <!-- Site wrapper -->
    <div class="wrapper">
        <!-- Inicio Header -->
        @include("theme/$theme/header")
        <!-- Fin Header -->
        <!-- Inicio Aside -->
        @include("theme/$theme/aside")
        <!-- Fin Aside -->

        <!-- Content Wrapper. Contains page content -->
        <div class="content-wrapper">

            <!-- Main content -->
            <section class="content">
                @yield('contenido')
            </section>
            <!-- /.content -->
        </div>
        <!-- /.content-wrapper -->

        <!--Inicio Footer -->
        @include("theme/$theme/footer")
        <!-- Fin Footer -->
    </div>
    <script src="{{asset("assets/$theme/bower_components/jquery/dist/jquery.min.js")}}></script>
    <!-- Bootstrap 3.3.7 -->
    <script
src="{{asset("assets/$theme/bower_components/bootstrap/dist/js/bootstrap.min.js")}}></script>
    <!-- SlimScroll -->
    <script src="{{asset("assets/$theme/bower_components/jquery-
slimscroll/jquery.slimscroll.min.js")}}></script>
    <!-- FastClick -->
    <script src="{{asset("assets/$theme/bower_components/fastclick/lib/fastclick.js")}}></script>
    <!-- AdminLTE App -->
    <script src="{{asset("assets/$theme/dist/js/adminlte.min.js")}}></script>
    <!-- AdminLTE for demo purposes -->
    <script src="{{asset("assets/js/jquery-validation/jquery.validate.min.js")}}></script>
    <script src="{{asset("assets/js/jquery-validation/localization/messages_es.min.js")}}></script>
    <script src="{{asset("assets/js/scripts.js")}}></script>
    <script src="{{asset("assets/js/funciones.js")}}></script>
    @yield("scripts")
</body>

</html>

```

### **resources\views\admin\menu\form.blade.php**

```
<div class="form-group">
    <label for="nombre" class="col-lg-3 control-label requerido">Nombre</label>
    <div class="col-lg-8">
        <input type="text" name="nombre" id="nombre" class="form-control" value="{{old('nombre', $data->nombre ?? '')}}" required />
    </div>
</div>
<div class="form-group">
    <label for="url" class="col-lg-3 control-label requerido">Url</label>
    <div class="col-lg-8">
        <input type="text" name="url" id="url" class="form-control" value="{{old('url', $data->url ?? '')}}" required />
    </div>
</div>
<div class="form-group">
    <label for="icono" class="col-lg-3 control-label">Icono</label>
    <div class="col-lg-8">
        <input type="text" name="icono" id="icono" class="form-control" value="{{old('icono', $data->icono ?? '')}}"/>
    </div>
    <div class="col-lg-1">
        <span id="mostrar-icono" class="fa fa-fw {{old("icono")}}"></span>
    </div>
</div>
```

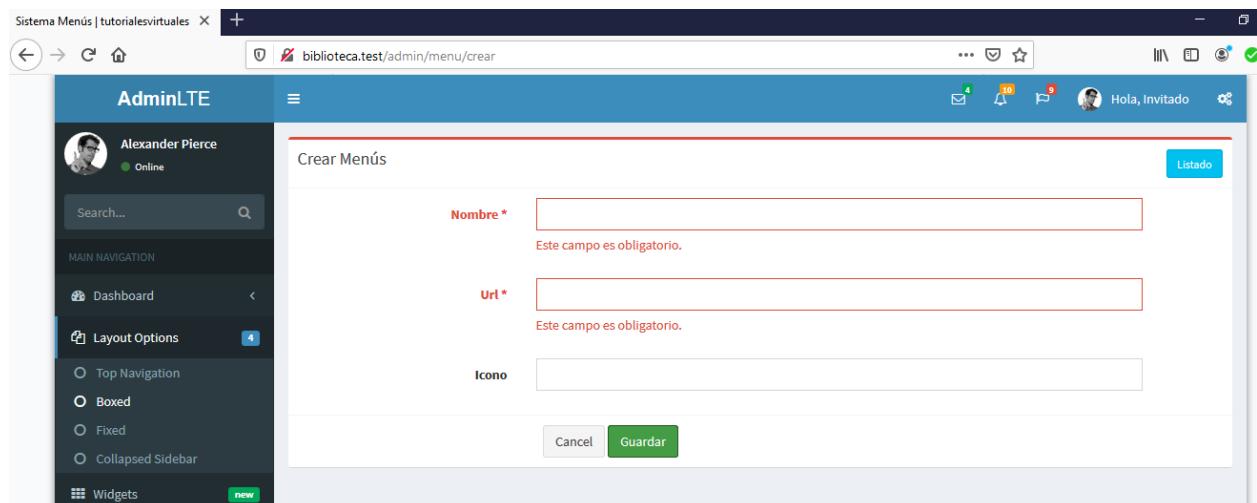
### **public\assets\js\funciones.js**

```
var Biblioteca = function () {
    return {
        validacionGeneral: function (id, reglas, mensajes) {
            const formulario = $('#' + id);
            formulario.validate({
                rules: reglas,
                messages: mensajes,
                errorElement: 'span', //default input error message container
                errorClass: 'help-block help-block-error', // default input error message class
                focusInvalid: false, // do not focus the last invalid input
                ignore: "", // validate all fields including form hidden input
                highlight: function (element, errorClass, validClass) { // hightlight error inputs
                    $(element).closest('.form-group').addClass('has-error'); // set error class to the
control group
                },
                unhighlight: function (element) { // revert the change done by hightlight
                    $(element).closest('.form-group').removeClass('has-error'); // set error class to the
control group
                },
                success: function (label) {
                    label.closest('.form-group').removeClass('has-error'); // set success class to the
control group
                },
                errorPlacement: function (error, element) {
                    if ($(element).is('select') && element.hasClass('bs-select')) { // PARA LOS SELECT
```

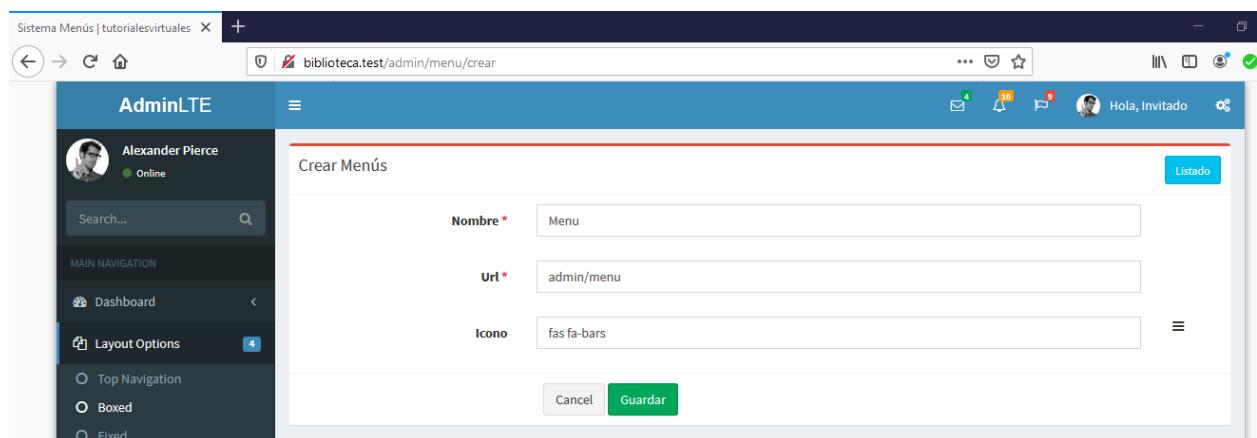
## BOOSTRAP

```
        error.insertAfter(element); //element.next().after(error);
    } else if ($(element).is('select') && element.hasClass('select2-hidden-accessible')) {
        element.next().after(error);
    } else if (element.attr("data-error-container")) {
        error.appendTo(element.attr("data-error-container"));
    } else {
        error.insertAfter(element); // default placement for everything else
    }
},
invalidHandler: function (event, validator) { //display error alert on form submit

},
submitHandler: function (form) {
    return true;
}
});
}
}
}();
```



## Criando menus com ícones



Sistema Menús | tutorialesvirtuales

[biblioteca.test/admin/menu/crear](#)

AdminLTE

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Search...

MAIN NAVIGATION

- Dashboard
- Layout Options 4
- Top Navigation
- Boxed

Crear Menús

Nombre *	Permisos
Url *	admin/permisos
Icono	fas fa-cog

Cancel Guardar

Listado

Sistema Menús | tutorialesvirtuales

[biblioteca.test/admin/menu/crear](#)

AdminLTE

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Search...

MAIN NAVIGATION

- Dashboard
- Layout Options 4
- Top Navigation
- Boxed
- Fixed

Crear Menús

Nombre *	Usuario
Url *	admin/usuario
Icono	fas fa-users

Cancel Guardar

Listado

✓ 1 row affected.

```
UPDATE `menu` SET `nombre` = 'Permiso', `url` = 'admin/permiso' WHERE `menu`.`id` = 2;
```

✓ Showing rows 0 - 2 (3 total, Query took 0.0007 seconds.)

```
SELECT * FROM `menu`
```

Profiling [Edit inline] [ Edit ] [ Explain ]

Show all | Number of rows: 25 ▾ Filter rows: Search this table Sort by key: None ▾

+ Options

	id	menu_id	nombre	url	orden	icono	created_at	updated_at	
<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1	0	Menu	admin/menu	0	fas fa-bars	2019-11-24 20:03:22	2019-11-24 20:03:22
<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	2	0	Permiso	admin/permiso	0	fas fa-cog	2019-11-24 20:25:38	2019-11-24 20:25:38
<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3	0	Usuario	admin/usuario	0	fas fa-users	2019-11-24 20:30:31	2019-11-24 20:30:31

↑  Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

# Aula 17 - Sistema de Menus - Listado

app\Http\Controllers\Admin\MenuController.php

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Menu;
use App\Http\Requests\ValidacionMenu;

class MenuController extends Controller
{
    public function index()
    {
        $menus = Menu::getMenu();
        return view('admin.menu.index', compact('menus'));
    }

    public function crear()
    {
        return view('admin.menu.crear');
    }

    public function guardar(ValidacionMenu $request)
    {
        Menu::create($request->all());
        return redirect('admin/menu/crear')->with('mensaje', 'Menú creado con éxito');
    }

    public function editar($id)
    {
    }

    public function actualizar(ValidacionMenu $request, $id)
    {
        return redirect('admin/menu')->with('mensaje', 'Menú actualizado con éxito');
    }

    public function eliminar($id)
    {
    }

    public function guardarOrden(Request $request)
    {
        if ($request->ajax()) {
            $menu = new Menu;
            $menu->guardarOrden($request->menu);
            return response()->json(['respuesta' => 'ok']);
        } else {
            abort(404);
        }
    }
}
```

## app\Models\Admin\Menu.php

```
<?php

namespace App\Models\Admin;

use Illuminate\Database\Eloquent\Model;

class Menu extends Model
{
    protected $table = "menu";
    protected $fillable = ['nombre', 'url', 'icono'];
    protected $guarded = ['id'];

    public function getHijos($padres, $line)
    {
        $children = [];
        foreach ($padres as $line1) {
            if ($line['id'] == $line1['menu_id']) {
                $children = array_merge($children, [array_merge($line1, ['submenu' => $this->getHijos($padres, $line1)])]);
            }
        }
        return $children;
    }

    public function getPadres($front)
    {
        if ($front) {
            return $this->whereHas('roles', function ($query) {
                $query->where('rol_id', session()->get('rol_id'))->orderby('menu_id');
            })->orderby('menu_id')
                ->orderby('orden')
                ->get()
                ->toArray();
        } else {
            return $this->orderby('menu_id')
                ->orderby('orden')
                ->get()
                ->toArray();
        }
    }

    public static function getMenu($front = false)
    {
        $menus = new Menu();
        $padres = $menus->getPadres($front);
        $menuAll = [];
        foreach ($padres as $line) {
            if ($line['menu_id'] != 0)
                break;
            $item = [array_merge($line, ['submenu' => $menus->getHijos($padres, $line)])];
            $menuAll = array_merge($menuAll, $item);
        }
        return $menuAll;
    }
}
```

```

}

public function guardarOrden($menu)
{
    $menus = json_decode($menu);
    foreach ($menus as $var => $value) {
        $this->where('id', $value->id)->update(['menu_id' => 0, 'orden' => $var + 1]);
        if (!empty($value->children)) {
            foreach ($value->children as $key => $vchild) {
                $update_id = $vchild->id;
                $parent_id = $value->id;
                $this->where('id', $update_id)->update(['menu_id' => $parent_id, 'orden' => $key +
1]);

                if (!empty($vchild->children)) {
                    foreach ($vchild->children as $key => $vchild1) {
                        $update_id = $vchild1->id;
                        $parent_id = $vchild->id;
                        $this->where('id', $update_id)->update(['menu_id' => $parent_id, 'orden' =>
$key + 1]);

                        if (!empty($vchild1->children)) {
                            foreach ($vchild1->children as $key => $vchild2) {
                                $update_id = $vchild2->id;
                                $parent_id = $vchild1->id;
                                $this->where('id', $update_id)->update(['menu_id' => $parent_id, 'orden' =>
$key + 1]);

                                if (!empty($vchild2->children)) {
                                    foreach ($vchild2->children as $key => $vchild3) {
                                        $update_id = $vchild3->id;
                                        $parent_id = $vchild2->id;
                                        $this->where('id', $update_id)->update(['menu_id' => $parent_id,
'orden' => $key + 1]);
                                    }
                                }
                            }
                        }
                    }
                }
            }
        }
    }
}

```

resources\views\theme\lte\layout.blade.php

```
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>@yield('titulo', 'Biblioteca') | tutorialesvirtuales</title>
    <!-- Tell the browser to be responsive to screen width -->
    <meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">
    <!-- Bootstrap 3.3.7 -->
    <link rel="stylesheet"
        href="{{asset('assets/$theme/bower_components/bootstrap/dist/css/bootstrap.min.css')}}">
    <!-- Font Awesome -->
    <link rel="stylesheet" href="{{asset('assets/$theme/bower_components/font-awesome/css/font-awesome.min.css')}}">
    <!-- Ionicons -->
    <link rel="stylesheet"
        href="{{asset('assets/$theme/bower_components/ionicons/css/ionicons.min.css')}}">
    <!-- Theme style -->
    <link rel="stylesheet" href="{{asset('assets/$theme/dist/css/AdminLTE.min.css')}}">
    <!-- AdminLTE Skins. Choose a skin from the css/skins
        folder instead of downloading all of them to reduce the load. -->
    <link rel="stylesheet" href="{{asset('assets/$theme/dist/css/skins/_all-skins.min.css')}}">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.css">
    @yield("styles")
    <link rel="stylesheet" href="{{asset('assets/css/custom.css')}}">
    <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
    <!-- WARNING: Respond.js does not work if you view the page via file:// -->
    <!--[if lt IE 9]>
        <script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
        <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
    <![endif]-->
    <!-- Google Font -->
    <link rel="stylesheet"
        href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,600italic">
</head>

<body class="hold-transition skin-blue layout-boxed sidebar-mini">
    <!-- Site wrapper -->
    <div class="wrapper">
        <!-- Inicio Header -->
        @include("theme/$theme/header")
        <!-- Fin Header -->
        <!-- Inicio Aside -->
        @include("theme/$theme/aside")
        <!-- Fin Aside -->
        <div class="content-wrapper">
            <!-- Content Header (Page header) -->
            <section class="content">
                @yield('contenido')
            </section>
        </div>
```

```
<!--Inicio Footer -->
@include("theme/$theme/footer")
<!-- Fin Footer -->
</div>
<script src="{{asset("assets/$theme/bower_components/jquery/dist/jquery.min.js")}}"></script>
<!-- Bootstrap 3.3.7 -->
<script
src="{{asset("assets/$theme/bower_components/bootstrap/dist/js/bootstrap.min.js")}}"></script>
<!-- SlimScroll -->
<script src="{{asset("assets/$theme/bower_components/jquery-slimscroll/jquery.slimscroll.min.js")}}"></script>
<!-- FastClick -->
<script src="{{asset("assets/$theme/bower_components/fastclick/lib/fastclick.js")}}"></script>
<!-- AdminLTE App -->
<script src="{{asset("assets/$theme/dist/js/adminlte.min.js")}}"></script>
<!-- AdminLTE for demo purposes -->
@yield("scriptsPlugins")
<script src="{{asset("assets/js/jquery-validation/jquery.validate.min.js")}}"></script>
<script src="{{asset("assets/js/jquery-validation/localization/messages_es.min.js")}}"></script>
<script src="{{asset("assets/js/scripts.js")}}"></script>
<script src="{{asset("assets/js/funciones.js")}}"></script>
@yield("scripts")
</body>

</html>
```

```
resources\views\admin\menu\index.blade.php
```

```
@extends("theme.$theme.layout")
@section("titulo")
Menú
@endsection

@section("styles")
<link href="{{asset("assets/js/jquery-nestable/jquery.nestable.css")}}" rel="stylesheet"
type="text/css" />
@endsection

@section("scriptsPlugins")
<script src="{{asset("assets/js/jquery-nestable/jquery.nestable.js")}}"
type="text/javascript"></script>
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/menu/index.js")}}"
type="text/javascript"></script>
@endsection

@section('contenido')


@include('includes.mensaje')


### Menús

Crear me-
nú</a>



@csrf


@foreach ($menus as $key => $item)
@if ($item["menu_id"] != 0)
@break
@endif
@include("admin.menu.menu-item",["item" => $item])
@endforeach


@endsection


```

**resources\views\admin\menu\menu-item.blade.php**

```
@if ($item["submenu"] == [])
<li class="dd-item dd3-item" data-id="{{ $item["id"] }}"
    <div class="dd-handle dd3-handle"></div>
    <div class="dd3-content {{ $item["url"] == "javascript:;" ? "font-weight-bold" : "" }}>
        <a href="{{ route("editar_menu", [ 'id' => $item['id'] ]) }}">{{ $item["nombre"] }} . " | Url -> " .
        $item["url"] }} Icono -> <i style="font-size:20px;" class="fa fa-fw {{ isset($item['icono']) ?
        $item['icono'] : "" }}></i></a>
    </div>
</li>
@else
<li class="dd-item dd3-item" data-id="{{ $item["id"] }}"
    <div class="dd-handle dd3-handle"></div>
    <div class="dd3-content {{ $item["url"] == "javascript:;" ? "font-weight-bold" : "" }}>
        <a href="{{ route("editar_menu", [ 'id' => $item['id'] ]) }}">{{ $item["nombre"] }} . " | Url -> " .
        $item["url"] }} Icono -> <i style="font-size:20px;" class="fa fa-fw {{ isset($item['icono']) ?
        $item['icono'] : "" }}></i></a>
    </div>
    <ol class="dd-list">
        @foreach ($item["submenu"] as $submenu)
            @include("admin.menu.menu-item", [ "item" => $submenu ])
        @endforeach
    </ol>
</li>
@endif
```

**public\assets\pages\scripts\admin\crear.js**

```
$(document).ready(function () {
    Biblioteca.validacionGeneral('form-general');
});
```

**public\assets\pages\scripts\admin\index.js**

```
$(document).ready(function () {
    $("#tabla-data").on('submit', '.form-eliminar', function () {
        event.preventDefault();
        const form = $(this);
        swal({
            title: '¿ Está seguro que desea eliminar el registro ?',
            text: "Esta acción no se puede deshacer!",
            icon: 'warning',
            buttons: {
                cancel: "Cancelar",
                confirm: "Aceptar"
            },
        }).then((value) => {
            if (value) {
                ajaxRequest(form);
            }
        });
    });
});
```

```
function ajaxRequest(form) {
```

```

$.ajax({
    url: form.attr('action'),
    type: 'POST',
    data: form.serialize(),
    success: function (respuesta) {
        if (respuesta.mensaje == "ok") {
            form.parents('tr').remove();
            Biblioteca.notificaciones('El registro fue eliminado correctamente', 'Biblioteca', 'success');
        } else {
            Biblioteca.notificaciones('El registro no pudo ser eliminado, hay recursos usando', 'Biblioteca', 'error');
        }
    },
    error: function () {
    }
});
});
});
});

```

Menú | tutorialesvirtuales x +

[biblioteca.test/admin/menu](#)

AdminLTE

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Online

Search...

MAIN NAVIGATION

Dashboard <

Menús

[Crear menú](#)

Menu   Url -> admin/menu icono ->
Permiso   Url -> admin/permiso icono ->
Usuario   Url -> admin/usuario icono ->

Show all | Number of rows: 25 ▾ Filter rows: Search this table Sort by key: None ▾

+ Options

id	menu_id	nombre	url	orden	icono	created_at	updated_at
1	0	Menu	admin/menu	0	fas fa-bars	2019-11-24 20:03:22	2019-11-24 20:03:22
2	0	Permiso	admin/permiso	0	fas fa-cog	2019-11-24 20:25:38	2019-11-24 20:25:38
3	0	Usuario	admin/usuario	0	fas fa-users	2019-11-24 20:30:31	2019-11-24 20:30:31

Menú | tutorialesvirtuales x +

[biblioteca.test/admin/menu](#)

AdminLTE

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MAIN NAVIGATION

Dashboard <

Menús

[Crear menú](#)

Menu   Url -> admin/menu icono ->
Permiso   Url -> admin/permiso icono ->
Usuario   Url -> admin/usuario icono ->

+ Options

id	menu_id	nombre	url	orden	icono	created_at	updated_at
1	0	Menu	admin/menu	1	fas fa-bars	2019-11-24 20:03:22	2019-11-24 21:09:32
2	1	Permiso	admin/permiso	1	fas fa-cog	2019-11-24 20:25:38	2019-11-24 21:09:32
3	1	Usuario	admin/usuario	2	fas fa-users	2019-11-24 20:30:31	2019-11-24 21:09:32

↑  Check all With selected:

## Aula 18 - Roles e Rol Menu

### Criando os controllers RolController e MenuRolController

```
php artisan make:controller Admin/RolController -r
```

```
C:\laragon\www\biblioteca
λ php artisan make:controller Admin/RolController -r
Controller created successfully.
```

```
php artisan make:controller Admin/MenuRolController -r
```

```
C:\laragon\www\biblioteca
λ php artisan make:controller Admin/MenuRolController -r
Controller created successfully.
```

### Criando o model Rol

```
php artisan make:model Models/Admin/Rol
```

```
C:\laragon\www\biblioteca
λ php artisan make:model Models/Admin/Rol
Model created successfully.
```

### Criando o request ValidacionRol

```
php artisan make:request ValidacionRol
```

```
C:\laragon\www\biblioteca
λ php artisan make:request ValidacionRol
Request created successfully.
```

```

app\Http\Requests\ValidacionRol.php

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class ValidacionRol extends FormRequest
{
    public function authorize()
    {
        return true;
    }

    public function rules()
    {
        return [
            'nombre' => 'required|max:50|unique:rol,nombre,' . $this->route('id'),
        ];
    }
}

```

```

resources\views\theme\lte\layout.blade.php

<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>@yield('titulo', 'Biblioteca') | tutorialesvirtuales</title>
    <!-- Tell the browser to be responsive to screen width -->
    <meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">
    <!-- Bootstrap 3.3.7 -->
    <link rel="stylesheet"
    href="{{asset("assets/$theme/bower_components/bootstrap/dist/css/bootstrap.min.css")}}>
    <!-- Font Awesome -->
    <link rel="stylesheet" href="{{asset("assets/$theme/bower_components/font-awesome/css/font-awesome.min.css")}}>
    <!-- Ionicons -->
    <link rel="stylesheet"
    href="{{asset("assets/$theme/bower_components/ionicons/css/ionicons.min.css")}}>
    <!-- Theme style -->
    <link rel="stylesheet" href="{{asset("assets/$theme/dist/css/AdminLTE.min.css")}}>
    <!-- AdminLTE Skins. Choose a skin from the css/skins
         folder instead of downloading all of them to reduce the load. -->
    <link rel="stylesheet" href="{{asset("assets/$theme/dist/css/skins/_all-skins.min.css")}}>

    <link rel="stylesheet"
    href="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.css">

    @yield("styles")

    <link rel="stylesheet" href="{{asset("assets/css/custom.css")}}>

```

```

<!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
<!-- WARNING: Respond.js does not work if you view the page via file:// -->
<!--[if lt IE 9]>
<script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
<script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
<![endif]-->

<!-- Google Font -->
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,
600italic">
</head>

<body class="hold-transition skin-blue layout-boxed sidebar-mini">
<!-- Site wrapper -->
<div class="wrapper">
    <!-- Inicio Header -->
    @include("theme/$theme/header")
    <!-- Fin Header -->
    <!-- Inicio Aside -->
    @include("theme/$theme/aside")
    <!-- Fin Aside -->
    <div class="content-wrapper">
        <!-- Content Header (Page header) -->
        <section class="content">
            @yield('contenido')
        </section>
    </div>
    <!--Inicio Footer -->
    @include("theme/$theme/footer")
    <!-- Fin Footer -->
</div>
<script src="{{asset("assets/$theme/bower_components/jquery/dist/jquery.min.js")}}></script>
<!-- Bootstrap 3.3.7 -->
<script
src="{{asset("assets/$theme/bower_components/bootstrap/dist/js/bootstrap.min.js")}}></script>
<!-- SlimScroll -->
<script src="{{asset("assets/$theme/bower_components/jquery-
slimscroll/jquery.slimscroll.min.js")}}></script>
<!-- FastClick -->
<script src="{{asset("assets/$theme/bower_components/fastclick/lib/fastclick.js")}}></script>
<!-- AdminLTE App -->
<script src="{{asset("assets/$theme/dist/js/adminlte.min.js")}}></script>
<!-- AdminLTE for demo purposes -->
@yield("scriptsPlugins")
<script src="{{asset("assets/js/jquery-validation/jquery.validate.min.js")}}></script>
<script src="{{asset("assets/js/jquery-validation/localization/messages_es.min.js")}}></script>
<script src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.js"></script>
<script src="{{asset("assets/js/scripts.js")}}></script>
<script src="{{asset("assets/js/funciones.js")}}></script>
@yield("scripts")
</body>

</html>

```

## app\Http\Controllers\Admin\RolController.php

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Http\Requests\ValidacionRol;
use App\Models\Admin\Rol;

class RolController extends Controller
{
    public function index()
    {
        $datas = Rol::orderBy('id')->get();
        return view('admin.rol.index', compact('datas'));
    }

    public function crear()
    {
        return view('admin.rol.crear');
    }

    public function guardar(ValidacionRol $request)
    {
        Rol::create($request->all());
        return redirect('admin/rol')->with('mensaje', 'Rol creado con exito');
    }

    public function editar($id)
    {
        $data = Rol::findOrFail($id);
        return view('admin.rol.editar', compact('data'));
    }

    public function actualizar(ValidacionRol $request, $id)
    {
        Rol::findOrFail($id)->update($request->all());
        return redirect('admin/rol')->with('mensaje', 'Rol actualizado con exito');
    }

    public function eliminar(Request $request, $id)
    {
        if ($request->ajax()) {
            if (Rol::destroy($id)) {
                return response()->json(['mensaje' => 'ok']);
            } else {
                return response()->json(['mensaje' => 'ng']);
            }
        } else {
            abort(404);
        }
    }
}
```

app\Models\Admin\Rol.php

```
<?php  
  
namespace App\Models\Admin;  
  
use Illuminate\Database\Eloquent\Model;  
  
class Rol extends Model  
{  
    protected $table = "rol";  
    protected $fillable = ['nombre'];  
    protected $guarded = ['id'];  
}
```

routes\web.php

```
<?php  
  
Route::get('/', 'InicioController@index');  
Route::get('admin/permiso', 'Admin/PermisoController@index')->name('permiso');  
  
Route::group(['prefix' => 'admin', 'namespace' => 'Admin'], function () {  
    /*RUTAS DE PERMISO*/  
    Route::get('permiso', 'PermisoController@index')->name('permiso');  
    Route::get('permiso/crear', 'PermisoController@crear')->name('crear_permiso');  
    Route::post('permiso', 'PermisoController@guardar')->name('guardar_permiso');  
    Route::get('permiso/{id}/editar', 'PermisoController@editar')->name('editar_permiso');  
    Route::put('permiso/{id}', 'PermisoController@actualizar')->name('actualizar_permiso');  
    Route::delete('permiso/{id}', 'PermisoController@eliminar')->name('eliminar_permiso');  
    /*RUTAS DEL MENU*/  
    Route::get('menu', 'MenuController@index')->name('menu');  
    Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');  
    Route::post('menu', 'MenuController@guardar')->name('guardar_menu');  
    Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');  
    Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');  
    Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');  
    Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');  
    /*RUTAS ROL*/  
    Route::get('rol', 'RolController@index')->name('rol');  
    Route::get('rol/crear', 'RolController@crear')->name('crear_rol');  
    Route::post('rol', 'RolController@guardar')->name('guardar_rol');  
    Route::get('rol/{id}/editar', 'RolController@editar')->name('editar_rol');  
    Route::put('rol/{id}', 'RolController@actualizar')->name('actualizar_rol');  
    Route::delete('rol/{id}', 'RolController@eliminar')->name('eliminar_rol');  
});
```

**resources\views\admin\rol\index.blade.php**

```
@extends("theme.$theme.layout")
@section('titulo')
Roles
@endsection

@section("scripts")
<script src="{{asset('assets/pages/scripts/admin/index.js')}}" type="text/javascript"></script>
@endsection

@section('contenido')


@include('includes.mensaje')


### Roles



Nuevo registro



| Nombre             | width70                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| {{\$data->nombre}} | <a class="btn-accion-tabla tooltipsC" href="{{route('editar_rol', ['id' =&gt; \$data-&gt;id])}}" title="Editar este registro"> <i class="fa fa-fw fa-pencil"></i> </a> <a class="d-inline form-eliminar" href="{{route('eliminar_rol', ['id' =&gt; \$data-&gt;id])}}" method="POST"> @csrf @method("delete") <input class="btn-accion-tabla eliminar tooltipsC" title="Eliminar este registro" type="submit"/> <i class="fa fa-fw fa-trash text-danger"></i> </a> |


```

resources\views\admin\rol\crear.blade.php

```
@extends("theme.$theme.layout")
@section('titulo')
    Roles
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/crear.js")}}" type="text/javascript"></script>
@endsection

@section('contenido')


<div class="col-lg-12">
        @include('includes.form-error')
        @include('includes.mensaje')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear Rol</h3>
                <div class="box-tools pull-right">
                    <a href="{{route('rol')}}" class="btn btn-block btn-info btn-sm">
                        <i class="fa fa-fw fa-reply-all"></i> Volver al listado
                    </a>
                </div>
            </div>
            <form action="{{route('guardar_rol')}}" id="form-general" class="form-horizontal" method="POST" autocomplete="off">
                @csrf
                <div class="box-body">
                    @include('admin.rol.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-crear')
                    </div>
                </div>
            </form>
        </div>
    </div>


```

**resources\views\admin\rol\editar.blade.php**

```
@extends("theme.$theme.layout")
@section('titulo')
    Roles
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/crear.js")}}" type="text/javascript"></script>
@endsection

@section('contenido')


<div class="col-lg-12">
        @include('includes.form-error')
        @include('includes.mensaje')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Editar Rol</h3>
                <div class="box-tools pull-right">
                    <a href="{{route('rol')}}" class="btn btn-block btn-info btn-sm">
                        <i class="fa fa-fw fa-reply-all"></i> Volver al listado
                    </a>
                </div>
            </div>
            <form action="{{route('actualizar_rol', ['id' => $data->id])}}" id="form-general"
class="form-horizontal" method="POST" autocomplete="off">
                @csrf @method("put")
                <div class="box-body">
                    @include('admin.rol.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-editar')
                    </div>
                </div>
            </form>
        </div>
    </div>


```

**resources\views\admin\rol\form.blade.php**

```
<div class="form-group">
    <label for="nombre" class="col-lg-3 control-label requerido">Nombre</label>
    <div class="col-lg-8">
        <input type="text" name="nombre" id="nombre" class="form-control" value="{{old('nombre',
$data->nombre ?? '')}}" required/>
    </div>
</div>
```

## public\assets\js\funciones.js

```
var Biblioteca = function () {
    return {
        validacionGeneral: function (id, reglas, mensajes) {
            const formulario = $('#' + id);
            formulario.validate({
                rules: reglas,
                messages: mensajes,
                errorElement: 'span', //default input error message container
                errorClass: 'help-block help-block-error', // default input error message class
                focusInvalid: false, // do not focus the last invalid input
                ignore: "", // validate all fields including form hidden input
                highlight: function (element, errorClass, validClass) { // hightlight error inputs
                    $(element).closest('.form-group').addClass('has-error'); // set error class to the
control group
                },
                unhighlight: function (element) { // revert the change done by hightlight
                    $(element).closest('.form-group').removeClass('has-error'); // set error class to the
control group
                },
                success: function (label) {
                    label.closest('.form-group').removeClass('has-error'); // set success class to the
control group
                },
                errorPlacement: function (error, element) {
                    if ($(element).is('select') && element.hasClass('bs-select')) { //PARA LOS SELECT
BOOSTRAP
                    error.insertAfter(element); //element.next().after(error);
                } else if ($(element).is('select') && element.hasClass('select2-hidden-accessible')) {
                    element.next().after(error);
                } else if (element.attr("data-error-container")) {
                    error.appendTo(element.attr("data-error-container"));
                } else {
                    error.insertAfter(element); // default placement for everything else
                }
            },
            invalidHandler: function (event, validator) { //display error alert on form submit
            },
            submitHandler: function (form) {
                return true;
            }
        });
    },
    notificaciones: function (mensaje, titulo, tipo) {
        toastr.options = {
            closeButton: true,
            newestOnTop: true,
            positionClass: 'toast-top-right',
            preventDuplicates: true,
            timeOut: '5000'
        };
    }
};
```

```

if (tipo == 'error') {
    toastr.error(mensaje, titulo);
} else if (tipo == 'success') {
    toastr.success(mensaje, titulo);
} else if (tipo == 'info') {
    toastr.info(mensaje, titulo);
} else if (tipo == 'warning') {
    toastr.warning(mensaje, titulo);
}
},
},
}());

```

The screenshot shows the AdminLTE dashboard with a sidebar on the left containing user info (Alexander Pierce, online), search bar, and main navigation (Dashboard, Layout Options). The main content area is titled 'Roles' and lists three entries:

Nombre	Actions
administrador	
editor	
supervisor	

A green button labeled 'Nuevo registro' is visible in the top right corner.

The screenshot shows a modal window titled 'Crear Rol' (Create Role) with a 'Nombre\*' field containing 'administrador'. Below the field are 'Cancel' and 'Guardar' buttons. A blue button labeled 'Volver al listado' is visible in the top right corner.

The screenshot shows a modal window titled 'Editar Rol' (Edit Role) with a 'Nombre\*' field containing 'administrador'. Below the field is an 'Actualizar' (Update) button. A blue button labeled 'Volver al listado' is visible in the top right corner.

Roles | tutorialesvirtuales    +

AdminLTE

Alexander Pierce  
Online

Search...

MAIN NAVIGATION

Dashboard

Layout Options

- Top Navigation
- Boxed
- Fixed
- Collapsed Sidebar

Widgets

Charts

UI Elements

biblioteca.test/admin/rol

Hola, invitado

Roles

Nombre

Nombre	Acciones
administrador	
editor	
supervisor	

**! ¿ Está seguro que desea eliminar el registro ?**

Esta acción no se puede deshacer!

**Cancelar** **Aceptar**

The screenshot shows a web-based administration interface titled 'AdminLTE'. On the left is a sidebar with user information ('Alexander Pierce, Online'), a search bar, and navigation options for 'MAIN NAVIGATION' (Dashboard, Layout Options, Widgets, Charts, UI Elements) and 'Roles' (with a 'Nuevo registro' button). The main content area is titled 'Roles' and lists three entries: 'administrador', 'editor', and 'supervisor', each with edit and delete icons. A modal dialog box is centered over the page, containing a large orange exclamation mark icon, the question '¿ Está seguro que desea eliminar el registro ?' (Are you sure you want to delete the record?), a note 'Esta acción no se puede deshacer!' (This action cannot be undone!), and two buttons: 'Cancelar' (Cancel) and 'Aceptar' (Accept).

# Aula 19 - Menu Rol e relações Eloquent

composer update

```
C:\laragon\www\biblioteca
λ composer update
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 1 install, 21 updates, 0 removals
- Updating mockery/mockery (1.2.4 => 1.3.0): Downloading (100%)
- Updating symfony/translation-contracts (v1.1.7 => v2.0.0): Downloading (100%)
- Updating symfony/translation (v4.3.8 => v4.4.0): Downloading (100%)
- Updating nesbot/carbon (2.26.0 => 2.27.0): Downloading (100%)
- Updating symfony/service-contracts (v1.1.8 => v2.0.0): Downloading (100%)
- Updating symfony/console (v4.3.8 => v4.4.0): Downloading (100%)
- Updating symfony/finder (v4.3.8 => v4.4.0): Downloading (100%)
- Updating symfony/mime (v4.3.8 => v5.0.0): Downloading (100%)
- Updating symfony/http-foundation (v4.3.8 => v4.4.0): Downloading (100%)
- Updating symfony/event-dispatcher (v4.3.8 => v4.4.0): Downloading (100%)
- Updating symfony/var-dumper (v4.3.8 => v4.4.0): Downloading (100%)
- Updating symfony/debug (v4.3.8 => v4.4.0): Downloading (100%)
- Installing symfony/error-handler (v4.4.0): Downloading (100%)
- Updating symfony/http-kernel (v4.3.8 => v4.4.0): Downloading (100%)
- Updating symfony/process (v4.3.8 => v4.4.0): Downloading (100%)
- Updating symfony/routing (v4.3.8 => v4.4.0): Downloading (100%)
- Updating symfony/css-selector (v4.3.8 => v5.0.0): Downloading (100%)
- Updating laravel/framework (v6.5.1 => v6.5.2): Downloading (100%)
- Updating facade/flare-client-php (1.1.2 => 1.2.1): Downloading (100%)
- Updating sebastian/environment (4.2.2 => 4.2.3): Downloading (100%)
- Updating phpunit/php-code-coverage (7.0.8 => 7.0.10): Downloading (100%)
- Updating webmozart/assert (1.5.0 => 1.6.0): Downloading (100%)
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: laravel/tinker
```

app\Models\Admin\MenuRol.php

```
<?php

namespace App\Models\Admin;

use Illuminate\Database\Eloquent\Model;

class MenuRol extends Model
{
    protected $table = "menu_rol";
    public $timestamps = false;
}
```

app\Http\Controllers\Admin\MenuRolController.php

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Rol;
use App\Models\Admin\Menu;

class MenuRolController extends Controller
{
    public function index()
    {
        $rols = Rol::orderBy('id')->pluck('nombre', 'id')->toArray();
        $menus = Menu::getMenu();
        $menusRols = Menu::with('roles')->get()->pluck('roles', 'id')->toArray();
        return view('admin.menu-rol.index', compact('rols', 'menus', 'menusRols'));
    }

    public function guardar(Request $request)
    {
        if ($request->ajax()) {
            $menus = new Menu();
            if ($request->input('estado') == 1) {
                $menus->find($request->input('menu_id'))->roles()->attach($request->input('rol_id'));
                return response()->json(['respuesta' => 'El rol se asigno correctamente']);
            } else {
                $menus->find($request->input('menu_id'))->roles()->detach($request->input('rol_id'));
                return response()->json(['respuesta' => 'El rol se elimino correctamente']);
            }
        } else {
            abort(404);
        }
    }
}
```

routes\web.php

```
<?php

Route::get('/', 'InicioController@index');

Route::get('admin/permiso', 'Admin/PermitoController@index')->name('permiso');

Route::group(['prefix' => 'admin', 'namespace' => 'Admin'], function () {
    /*RUTAS DE PERMISO*/
    Route::get('permiso', 'PermitoController@index')->name('permiso');
    Route::get('permiso/crear', 'PermitoController@crear')->name('crear_permito');
    Route::post('permiso', 'PermitoController@guardar')->name('guardar_permito');
    Route::get('permiso/{id}/editar', 'PermitoController@editar')->name('editar_permito');
    Route::put('permiso/{id}', 'PermitoController@actualizar')->name('actualizar_permito');
    Route::delete('permiso/{id}', 'PermitoController@eliminar')->name('eliminar_permito');
    /*RUTAS DEL MENU*/
    Route::get('menu', 'MenuController@index')->name('menu');
    Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');
    Route::post('menu', 'MenuController@guardar')->name('guardar_menu');
    Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');
    Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');
    Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');
    Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');
    /*RUTAS ROL*/
    Route::get('rol', 'RolController@index')->name('rol');
    Route::get('rol/crear', 'RolController@crear')->name('crear_rol');
    Route::post('rol', 'RolController@guardar')->name('guardar_rol');
    Route::get('rol/{id}/editar', 'RolController@editar')->name('editar_rol');
    Route::put('rol/{id}', 'RolController@actualizar')->name('actualizar_rol');
    Route::delete('rol/{id}', 'RolController@eliminar')->name('eliminar_rol');
    /*RUTAS MENU_ROL*/
    Route::get('menu-rol', 'MenuRolController@index')->name('menu_rol');
    Route::post('menu-rol', 'MenuRolController@guardar')->name('guardar_menu_rol');
});

});
```

resources\views\admin\menu-rol\index.blade.php

```
@extends("theme.$theme.layout")
@section("titulo")
Menú - Rol
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/menu-rol/index.js")}}" type="text/javascript"></script>
@endsection

@section('contenido')


@include('includes.mensaje')


### Menús - Rol



@csrf


```

```





```

```

        @foreach($rols as $id => $nombre)
        <td class="text-center">
            <input
                type="checkbox"
                class="menu_rol"
                name="menu_rol[]"
                data-menuid="{{ $hijo3['id'] }}"
                value="{{ $id }}"
                {{ in_array($id, array_column($menusRols[$hijo3['id']]), "id") ? "checked" : "" }}>
        </td>
        @endforeach
    </tr>
    @endforeach
    @endforeach
    @endforeach
    @endforeach
</tbody>
</table>
</div>
</div>
</div>
</div>
@endsection

```

#### public\assets\pages\scripts\admin\menu-rol\index.js

```

$('.menu_rol').on('change', function () {
    var data = {
        menu_id: $(this).data('menuid'),
        rol_id: $(this).val(),
        _token: $('input[name=_token]').val()
    };
    if ($(this).is(':checked')) {
        data.estado = 1
    } else {
        data.estado = 0
    }
    ajaxRequest('/admin/menu-rol', data);
});

function ajaxRequest (url, data) {
    $.ajax({
        url: url,
        type: 'POST',
        data: data,
        success: function (respuesta) {
            Biblioteca.notificaciones(respuesta.respuesta, 'Biblioteca', 'success');
        }
    });
}

```

## public\assets\pages\scripts\admin\menu-rol\index.js

```

$('.menu_rol').on('change', function () {
    var data = {
        menu_id: $(this).data('menuid'),
        rol_id: $(this).val(),
        _token: $('input[name=_token]').val()
    };
    if ($(this).is(':checked')) {
        data.estado = 1
    } else {
        data.estado = 0
    }
    ajaxRequest('/admin/menu-rol', data);
});

function ajaxRequest (url, data) {
    $.ajax({
        url: url,
        type: 'POST',
        data: data,
        success: function (respuesta) {
            Biblioteca.notificaciones(respuesta.respuesta, 'Biblioteca', 'success');
        }
    });
}

```

+ Options	↓	id	menu_id	nombre	url	orden	icono	created_at	updated_at
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	1	0	1	Admin	admin/admin	1	fas fa-cog	2019-11-25 14:33:47	2019-11-25 14:40:31
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	2	1	1	Menu	admin/menu	1	fas fa-bars	2019-11-25 14:34:38	2019-11-25 14:40:31
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	3	1	1	Menu-Rol	admin/menu-rol	2	fa fa-tasks	2019-11-25 14:36:24	2019-11-25 14:40:31
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	4	1	1	Permiso	admin/permiso	3	NULL	2019-11-25 14:38:44	2019-11-25 14:40:31
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	5	1	1	Permiso-Rol	admin/permiso-rol	4	NULL	2019-11-25 14:39:20	2019-11-25 14:40:31
<input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a>	6	0	0	Usuario	admin/usuario	2	fas fa-users	2019-11-25 14:40:22	2019-11-25 14:40:31

Menú - Rol | tutorialesvirtuales

biblioteca.test/admin/menu-rol

Hola, Invitado

Menú	administrador	editor	supervisor
Admin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Menu	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Menu-Rol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Permiso	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Permiso-Rol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Usuario	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

+ Options

rol_id	menu_id
1	1
1	2
1	3
1	4
1	5
1	6

# Aula 20 - Autenticação I

## Criando o controller LoginController

```
php artisan make:controller Seguridad/LoginController -r
```

```
C:\laragon\www\biblioteca
λ php artisan make:controller Seguridad/LoginController -r
Controller created successfully.
```

app\Http\Controllers\Seguridad>LoginController.php

```
<?php

namespace App\Http\Controllers\Seguridad;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use Illuminate\Foundation\Auth\AuthenticatesUsers;

class LoginController extends Controller
{
    use AuthenticatesUsers;
    protected $redirectTo = '/';

    public function __construct()
    {
        $this->middleware('guest')->except('logout');
    }

    public function index()
    {
        return view('seguridad.index');
    }

    protected function authenticated(Request $request, $user)
    {
        $roles = $user->roles()->get();
        if ($roles->isEmpty()) {
            $user->setSession($roles->toArray());
        } else {
            $this->guard()->logout();
            $request->session()->invalidate();
            return redirect('seguridad/login')->withErrors(['error' => 'Este usuario no tiene un rol activo']);
        }
    }

    public function username()
    {
        return 'usuario';
    }
}
```

## Criando o controller AdminController

```
php artisan make:controller Admin/AdminController -r
```

```
C:\laragon\www\biblioteca
λ php artisan make:controller Admin/AdminController -r
Controller created successfully.
```

app\Http\Controllers\Admin\AdminController.php

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;

class AdminController extends Controller
{
    public function index()
    {
        return view('admin.admin.index');
    }
}
```

## Criando o modelo Usuario

```
php artisan make:model Models/Seguridad/Usuario
```

```
C:\laragon\www\biblioteca
λ php artisan make:model Models/Seguridad/Usuario
Model created successfully.
```

app\Models\Seguridad\Usuario.php

```
<?php

namespace App\Models\Seguridad;

use Illuminate\Foundation\Auth\User as Authenticatable;

class Usuario extends Authenticatable
{
    protected $remember_token = false;
    protected $table = 'usuario';
    protected $fillable = ['usuario', 'nombre', 'password'];
}
```

**routes\web.php**

```
<?php

Route::get('/', 'InicioController@index')->name('inicio');
Route::get('seguridad/login', 'Seguridad\LoginController@index')->name('login');
Route::post('seguridad/login', 'Seguridad\LoginController@login')->name('login_post');

Route::group(['prefix' => 'admin', 'namespace' => 'Admin', 'middleware' => 'auth'], function () {
    Route::get('', 'AdminController@index');
    /*RUTAS DE PERMISO*/
    Route::get('permiso', 'PermisoController@index')->name('permiso');
    Route::get('permiso/crear', 'PermisoController@crear')->name('crear_permiso');
    Route::post('permiso', 'PermisoController@guardar')->name('guardar_permiso');
    Route::get('permiso/{id}/editar', 'PermisoController@editar')->name('editar_permiso');
    Route::put('permiso/{id}', 'PermisoController@actualizar')->name('actualizar_permiso');
    Route::delete('permiso/{id}', 'PermisoController@eliminar')->name('eliminar_permiso');
    /*RUTAS DEL MENU*/
    Route::get('menu', 'MenuController@index')->name('menu');
    Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');
    Route::post('menu', 'MenuController@guardar')->name('guardar_menu');
    Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');
    Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');
    Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');
    Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');
    /*RUTAS ROL*/
    Route::get('rol', 'RolController@index')->name('rol');
    Route::get('rol/crear', 'RolController@crear')->name('crear_rol');
    Route::post('rol', 'RolController@guardar')->name('guardar_rol');
    Route::get('rol/{id}/editar', 'RolController@editar')->name('editar_rol');
    Route::put('rol/{id}', 'RolController@actualizar')->name('actualizar_rol');
    Route::delete('rol/{id}', 'RolController@eliminar')->name('eliminar_rol');
    /*RUTAS MENU_ROL*/
    Route::get('menu-rol', 'MenuRolController@index')->name('menu_rol');
    Route::post('menu-rol', 'MenuRolController@guardar')->name('guardar_menu_rol');
});

});
```

**resources\views\admin\admin\index.blade.php**

```
@extends("theme.$theme.layout")
@section("titulo")
Administrador
@endsection

@section('contenido')
<div class="row">
    <div class="col-lg-12">Bievenidos</div>
</div>
@endsection
```

resources\views\seguridad\index.blade.php

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>Biblioteca | Login</title>
    <!-- Tell the browser to be responsive to screen width -->
    <meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">
    <!-- Bootstrap 3.3.7 -->
    <link rel="stylesheet" href="{{asset('assets/$theme/bower_components/bootstrap/dist/css/bootstrap.min.css')}}">
    <!-- Font Awesome -->
    <link rel="stylesheet" href="{{asset('assets/$theme/bower_components/font-awesome/css/font-awesome.min.css')}}">
    <!-- Ionicons -->
    <link rel="stylesheet" href="{{asset('assets/$theme/bower_components/Ionicons/css/ionicons.min.css')}}">
    <!-- Theme style -->
    <link rel="stylesheet" href="{{asset('assets/$theme/dist/css/AdminLTE.min.css')}}">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
    <!-- WARNING: Respond.js does not work if you view the page via file:// -->
    <!--[if lt IE 9]>
    <script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
    <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
    <![endif]-->

    <!-- Google Font -->
    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,600italic">
</head>

<body class="hold-transition login-page">
    <div class="login-box">
        <div class="login-logo">
            <a href="{{route('inicio')}}">Biblioteca </a>
        </div>
        <!-- /.login-logo -->
        <div class="login-box-body">
            <p class="login-box-msg">Inicio su session</p>
            @if ($errors->any())
                <div class="alert alert-danger alert-dismissible">
                    <button type="button" class="close" data-dismiss="alert" aria-hidden="true">x</button>
                    <div class="alert-text">
                        @foreach ($errors->all() as $error)
                            <span>{{ $error }}</span>
                        @endforeach
                    </div>
                </div>
            @endif
        </div>
    </div>
```

```

@endif
<form action="{{route('login_post')}}" method="POST" autocomplete="off">
    @csrf
    <div class="form-group has-feedback">
        <input type="text" name="usuario" class="form-control" value="{{old('usuario')}}"
placeholder="Usuario">
        <span class="glyphicon glyphicon-envelope form-control-feedback"></span>
    </div>
    <div class="form-group has-feedback">
        <input type="password" name="password" class="form-control" placeholder="Contraseña">
        <span class="glyphicon glyphicon-lock form-control-feedback"></span>
    </div>
    <div class="row">
        <div class="col-xs-8"></div>
        <!-- /.col -->
        <div class="col-xs-4">
            <button type="submit" class="btn btn-primary btn-block btn-flat">Login</button>
        </div>
        <!-- /.col -->
    </div>
    </form>
</div>
<!-- /.login-box-body -->
</div>
<!-- /.login-box -->

<script
src="{{asset("assets/$theme/bower_components/jquery/dist/jquery.min.js")}}"></script>
<!-- Bootstrap 3.3.7 -->
<script
src="{{asset("assets/$theme/bower_components/bootstrap/dist/js/bootstrap.min.js")}}"></script>
>
</body>

</html>

```

## Correção no arquivo .env

```

.env

APP_NAME=Laravel
APP_ENV=local
APP_KEY=base64:mi/sUdxQecX0R9xQuVXSJKJZ8zfC4BqrWKk30gyFrOs=
APP_DEBUG=true
APP_URL=http://localhost

LOG_CHANNEL=stack

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

```

```
BROADCAST_DRIVER=log
CACHE_DRIVER=file
QUEUE_CONNECTION=sync
SESSION_DRIVER=file
SESSION_LIFETIME=120
```

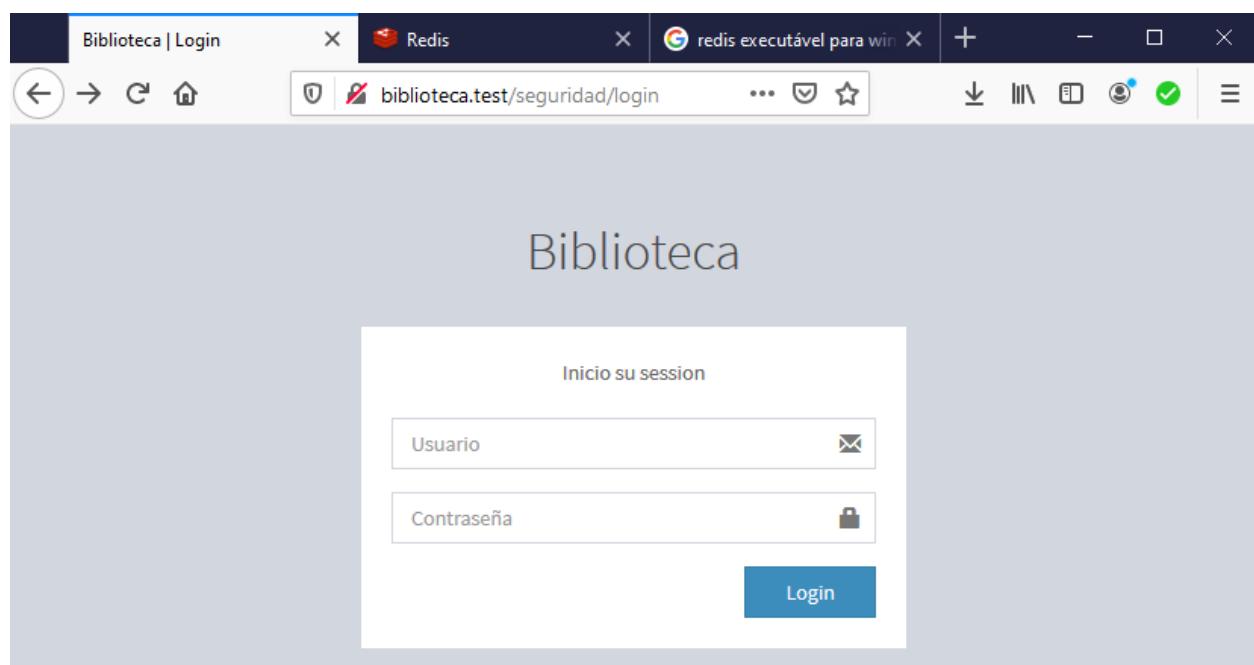
```
REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379
```

```
MAIL_DRIVER=smtp
MAIL_HOST=smtp.mailtrap.io
MAIL_PORT=2525
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null
```

```
AWS_ACCESS_KEY_ID=
AWS_SECRET_ACCESS_KEY=
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=
```

```
PUSHER_APP_ID=
PUSHER_APP_KEY=
PUSHER_APP_SECRET=
PUSHER_APP_CLUSTER=mt1
```

```
MIX_PUSHER_APP_KEY="${PUSHER_APP_KEY}"
MIX_PUSHER_APP_CLUSTER="${PUSHER_APP_CLUSTER}"
```



# Biblioteca

Inicio su session

El campo password es requerido.





# Biblioteca

Inicio su session

El campo usuario es requerido.





# Biblioteca

Inicio su session

Demasiados intentos de acceso. Inténtelo de nuevo en 13 segundos.





# Biblioteca

Inicio su session

Las credenciales introducidas son incorrectas.





# Aula 21 - Autenticação II

## Criando um seeder para administrador

```
php artisan make:seeder UsuarioAdministradorSeeder
```

```
C:\laragon\www\biblioteca
λ php artisan make:seeder UsuarioAdministradorSeeder
Seeder created successfully.
```

database\seeds\UsuarioAdministradorSeeder.php

```
<?php

use Illuminate\Database\Seeder;
use App\Models\Seguridad\Usuario;
use Illuminate\Support\Facades\Hash;

class UsuarioAdministradorSeeder extends Seeder
{
    public function run()
    {
        DB::table('usuario')->insert([
            'usuario' => 'biblioteca_admin',
            'nombre' => 'Administrador',
            'password' => bcrypt('pass123')
        ]);
    }
}
```

## Executando o seeder

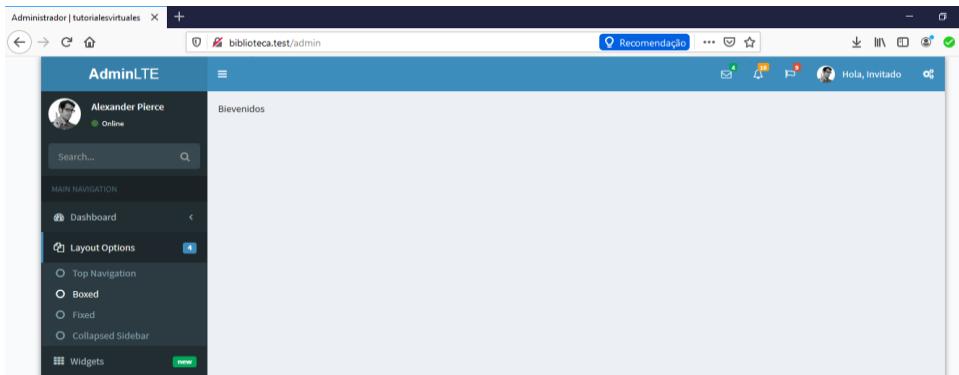
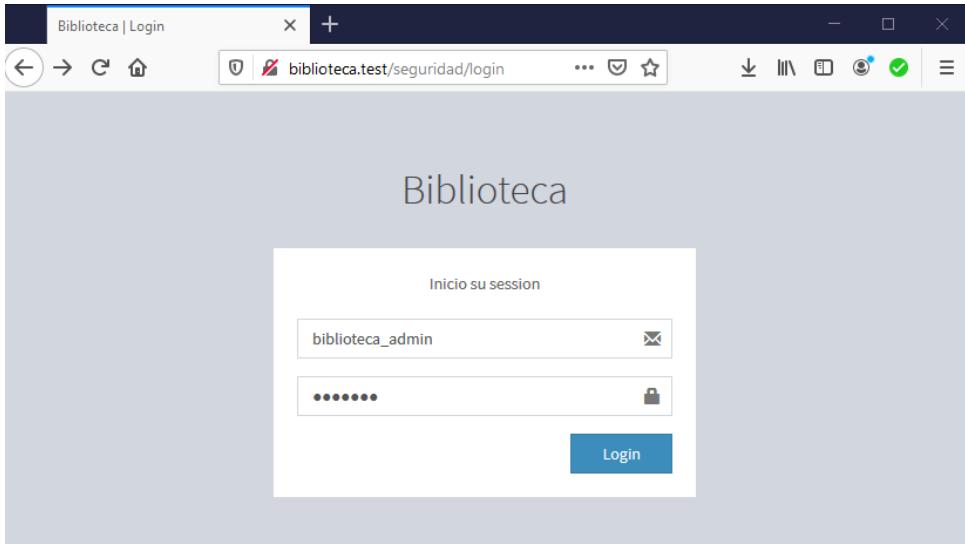
```
php artisan db:seed --class=UsuarioAdministradorSeeder
```

```
C:\laragon\www\biblioteca
λ php artisan db:seed --class=UsuarioAdministradorSeeder
Database seeding completed successfully.
```

The screenshot shows a MySQL database interface with the following details:

- Table: usuario
- Rows: 1 (Showing rows 0 - 0)
- Query took: 0.0482 seconds
- SQL Query: SELECT \* FROM `usuario`
- Table Structure:

+ Options	← T →	id	usuario	password	nombre	created_at	updated_at
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	biblioteca_admin	\$2y\$10\$Kx8FSUXs06KcgpRJYQWqjuqiMZ/jihEWD3f.zr4qJ5y...	Administrador	2019-11-25 23:29:46	2019-11-25 23:29:46	



## database\seeds\UsuarioAdministradorSeeder.php

```
<?php

use Illuminate\Database\Seeder;
use App\Models\Seguridad\Usuario;
use Illuminate\Support\Facades\Hash;

class UsuarioAdministradorSeeder extends Seeder
{
    public function run()
    {
        DB::table('usuario')->insert([
            'usuario' => 'biblioteca_admin',
            'nombre' => 'Administrador',
            'password' => bcrypt('pass123')
        ]);

        DB::table('usuario_rol')->insert([
            'rol_id' => 1,
            'usuario_id' => 1,
            'estado' => 1
        ]);
    }
}
```

## database\seeds\DatabaseSeeder.php

```
<?php

use Illuminate\Database\Seeder;

class DatabaseSeeder extends Seeder
{
    public function run()
    {
        $this->truncateTablas([
            'rol',
            'permiso',
            'usuario',
            'usuario_rol'
        ]);
        // $this->call(UserTableSeeder::class);
        $this->call(TablaRolSeeder::class);
        $this->call(TablaPermisoSeeder::class);
        $this->call(UsuarioAdministradorSeeder::class);
    }

    protected function truncateTablas(array $tablas)
    {
        DB::statement('SET FOREIGN_KEY_CHECKS = 0;');
        foreach ($tablas as $tabla) {
            DB::table($tabla)->truncate();
        }
        DB::statement('SET FOREIGN_KEY_CHECKS = 1;');
    }
}
```

php artisan db:seed

```
C:\laragon\www\biblioteca
λ php artisan db:seed
Seeding: TablaRolSeeder
Seeded: TablaRolSeeder (0.16 seconds)
Seeding: TablaPermisoSeeder
Seeded: TablaPermisoSeeder (2.5 seconds)
Seeding: UsuarioAdministradorSeeder
Seeded: UsuarioAdministradorSeeder (0.25 seconds)
Database seeding completed successfully.
```

Showing rows 0 - 0 (1 total, Query took 0.0482 seconds.)

	id	usuario	password	nombre	created_at	updated_at
<input type="checkbox"/>	1	biblioteca_admin	\$2y\$10\$Kx8FSUXs06KcgpRJYQWqjuqiMZ/jihEWD3f.zr4qJ5y...	Administrador	2019-11-25 23:29:46	2019-11-25 23:29:46

Showing rows 0 - 0 (1 total, Query took 0.0221 seconds.)						
SELECT * FROM `usuario_rol`						
<input type="checkbox"/> Show all   Number of rows: 25 <input type="button" value="▼"/> Filter rows: <input type="text" value="Search this table"/>						
<input type="checkbox"/> + Options <input type="button" value="T"/> <input type="button" value="F"/> id rol_id usuario_id estado created_at updated_at						
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	1	1	1
					NULL	NULL
<input type="checkbox"/>	<input type="checkbox"/> Check all	With selected:	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	<input type="button" value="Export"/>

## app\Models\Seguridad\Usuario.php

```
<?php

namespace App\Models\Seguridad;

use Illuminate\Foundation\Auth\User as Authenticatable;
use App\Models\Admin\Rol;

class Usuario extends Authenticatable
{
    protected $remember_token = false;
    protected $table = 'usuario';
    protected $fillable = ['usuario', 'nombre', 'password'];

    public function roles()
    {
        return $this->belongsToMany(Rol::class, 'usuario_rol');
    }

    public function setSession($roles)
    {
        Session::put([
            'usuario' => $this->usuario,
            'usuario_id' => $this->id,
            'nombre_usuario' => $this->nombre
        ]);
        if (count($roles) == 1) {
            Session::put(
                [
                    'rol_id' => $roles[0]['id'],
                    'rol_nombre' => $roles[0]['nombre'],
                ]
            );
        } else {
            Session::put('roles', $roles);
        }
    }

    public function setPasswordAttribute($pass)
    {
        $this->attributes['password'] = Hash::make($pass);
    }
}
```

app\Http\Controllers\Seguridad\LoginController.php

```
<?php

namespace App\Http\Controllers\Seguridad;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use Illuminate\Foundation\Auth\AuthenticatesUsers;

class LoginController extends Controller
{
    use AuthenticatesUsers;
    protected $redirectTo = '/admin';

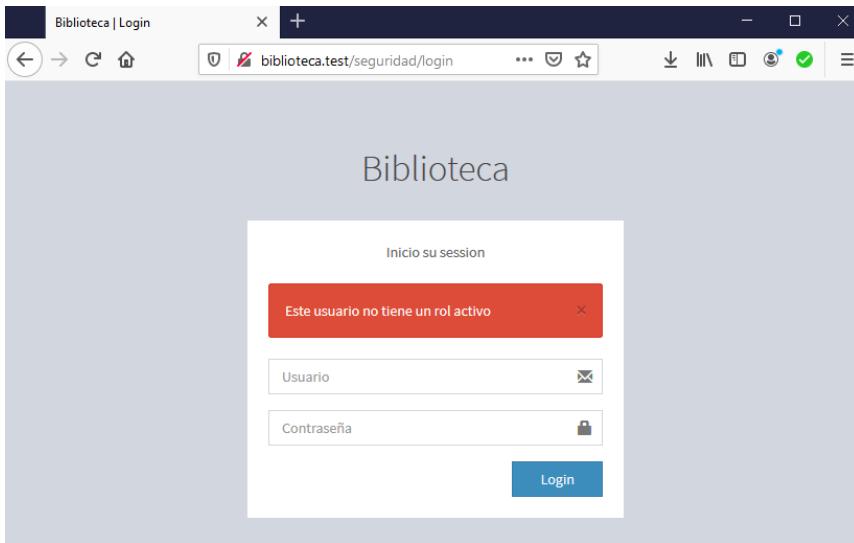
    public function __construct()
    {
        $this->middleware('guest')->except('logout');
    }

    public function index()
    {
        return view('seguridad.index');
    }

    protected function authenticated(Request $request, $user)
    {
        if ($user->roles()->where('estado', 1)->get()->isNotEmpty()) {
            auth()->user()->setSession();
        } else {
            $this->guard()->logout();
            $request->session()->invalidate();
            return redirect('seguridad/login')->withErrors(['error' => 'Este usuario no tiene un rol activo']);
        }
    }

    public function username()
    {
        return 'usuario';
    }
}
```

- Alterando o estado do usuário biblioteca\_admin de 1 para 0:



- Alterando LoginController:

**app\Http\Controllers\Seguridad>LoginController.php**

```
<?php

namespace App\Http\Controllers\Seguridad;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use Illuminate\Foundation\Auth\AuthenticatesUsers;

class LoginController extends Controller
{
    use AuthenticatesUsers;
    protected $redirectTo = '/admin';

    public function __construct()
    {
        $this->middleware('guest')->except('logout');
    }

    public function index()
    {
        return view('seguridad.index');
    }

    protected function authenticated(Request $request, $user)
    {
        $roles = $user->roles()->get();
        if ($roles->isNotEmpty()) {
            $user->setSession($roles->toArray());
        } else {
            $this->guard()->logout();
            $request->session()->invalidate();
            return redirect('seguridad/login')->withErrors(['error' => 'Este usuario no tiene un rol activo']);
        }
    }
}
```

```
public function username()
{
    return 'usuario';
}
```

- No arquivo a seguir, alterar `/home` por `/`

#### app\Http\Middleware\RedirectIfAuthenticated.php

```
<?php

namespace App\Http\Middleware;

use Closure;
use Illuminate\Support\Facades\Auth;

class RedirectIfAuthenticated
{
    /**
     * Handle an incoming request.
     *
     * @param \Illuminate\Http\Request $request
     * @param \Closure $next
     * @param string|null $guard
     * @return mixed
     */
    public function handle($request, Closure $next, $guard = null)
    {
        if (Auth::guard($guard)->check()) {
            return redirect('/');
        }

        return $next($request);
    }
}
```

## routes\web.php

```
<?php

Route::get('/', 'InicioController@index')->name('inicio');
Route::get('seguridad/login', 'Seguridad\LoginController@index')->name('login');
Route::post('seguridad/login', 'Seguridad\LoginController@login')->name('login_post');
Route::get('seguridad/logout', 'Seguridad\LoginController@logout')->name('logout');
Route::post('ajax-sesion', 'AjaxController@setSession')->name('ajax')->middleware('auth');

Route::group(['prefix' => 'admin', 'namespace' => 'Admin', 'middleware' => ['auth', 'superadmin']], function ()
{
    Route::get("", 'AdminController@index');
    /*RUTAS DE PERMISO*/
    Route::get('permiso', 'PermisoController@index')->name('permiso');
    Route::get('permiso/crear', 'PermisoController@crear')->name('crear_permiso');
    Route::post('permiso', 'PermisoController@guardar')->name('guardar_permiso');
    Route::get('permiso/{id}/editar', 'PermisoController@editar')->name('editar_permiso');
    Route::put('permiso/{id}', 'PermisoController@actualizar')->name('actualizar_permiso');
    Route::delete('permiso/{id}', 'PermisoController@eliminar')->name('eliminar_permiso');
    /*RUTAS DEL MENU*/
    Route::get('menu', 'MenuController@index')->name('menu');
    Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');
    Route::post('menu', 'MenuController@guardar')->name('guardar_menu');
    Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');
    Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');
    Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');
    Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');
    /*RUTAS ROL*/
    Route::get('rol', 'RolController@index')->name('rol');
    Route::get('rol/crear', 'RolController@crear')->name('crear_rol');
    Route::post('rol', 'RolController@guardar')->name('guardar_rol');
    Route::get('rol/{id}/editar', 'RolController@editar')->name('editar_rol');
    Route::put('rol/{id}', 'RolController@actualizar')->name('actualizar_rol');
    Route::delete('rol/{id}', 'RolController@eliminar')->name('eliminar_rol');
    /*RUTAS MENU_ROL*/
    Route::get('menu-rol', 'MenuRolController@index')->name('menu_rol');
    Route::post('menu-rol', 'MenuRolController@guardar')->name('guardar_menu_rol');
});

});
```

php artisan make:middleware PermisoAdministrador

```
C:\laragon\www\biblioteca
λ php artisan make:middleware PermisoAdministrador
Middleware created successfully.
```

```

app\Http\Middleware\PermisoAdministrador.php

<?php

namespace App\Http\Middleware;

use Closure;

class PermisoAdministrador
{
    public function handle($request, Closure $next)
    {
        if ($this->permiso())
            return $next($request);
        return redirect('/')->with('mensaje', 'No tiene permiso para entrar aquí');
    }

    private function permiso()
    {
        return session()->get('rol_nombre') == 'administrador';
    }
}

```

- Em kernel.php, inserir a seguinte linha:

```

app\Http\Kernel.php

<?php

namespace App\Http;

use Illuminate\Foundation\Http\Kernel as HttpKernel;

class Kernel extends HttpKernel
{
    protected $middleware = [
        \App\Http\Middleware\TrustProxies::class,
        \App\Http\Middleware\CheckForMaintenanceMode::class,
        \Illuminate\Foundation\Http\Middleware\ValidatePostSize::class,
        \App\Http\Middleware\TrimStrings::class,
        \Illuminate\Foundation\Http\Middleware\ConvertEmptyStringsToNull::class,
    ];

    protected $middlewareGroups = [
        'web' => [
            \App\Http\Middleware\EncryptCookies::class,
            \Illuminate\Cookie\Middleware\AddQueuedCookiesToResponse::class,
            \Illuminate\Session\Middleware\StartSession::class,
            // \Illuminate\Session\Middleware\AuthenticateSession::class,
            \Illuminate\View\Middleware\ShareErrorsFromSession::class,
            \App\Http\Middleware\VerifyCsrfToken::class,
            \Illuminate\Routing\Middleware\SubstituteBindings::class,
        ],
        'api' => [

```

```

        'throttle:60,1',
        'bindings',
    ],
];

protected $routeMiddleware = [
    'auth' => \App\Http\Middleware\Authenticate::class,
    'auth.basic' => \Illuminate\Auth\Middleware\AuthenticateWithBasicAuth::class,
    'bindings' => \Illuminate\Routing\Middleware\SubstituteBindings::class,
    'cache.headers' => \Illuminate\Http\Middleware\SetCacheHeaders::class,
    'can' => \Illuminate\Auth\Middleware\Authorize::class,
    'guest' => \App\Http\Middleware\RedirectIfAuthenticated::class,
    'superadmin' => \App\Http\Middleware\PermisoAdministrador::class,
    'password.confirm' => \Illuminate\Auth\Middleware\RequirePassword::class,
    'signed' => \Illuminate\Routing\Middleware\ValidateSignature::class,
    'throttle' => \Illuminate\Routing\Middleware\ThrottleRequests::class,
    'verified' => \Illuminate\Auth\Middleware\EnsureEmailIsVerified::class,
];

protected $middlewarePriority = [
    \Illuminate\Session\Middleware\StartSession::class,
    \Illuminate\View\Middleware\ShareErrorsFromSession::class,
    \App\Http\Middleware\Authenticate::class,
    \Illuminate\Routing\Middleware\ThrottleRequests::class,
    \Illuminate\Session\Middleware\AuthenticateSession::class,
    \Illuminate\Routing\Middleware\SubstituteBindings::class,
    \Illuminate\Auth\Middleware\Authorize::class,
];
}

```

## resources\views\theme\lte\header.blade.php

```

<header class="main-header">
    <!-- Logo -->
    <a href="/" class="logo">
        <!-- mini logo for sidebar mini 50x50 pixels -->
        <span class="logo-mini"><b>A</b>LT</span>
        <!-- logo for regular state and mobile devices -->
        <span class="logo-lg"><b>Admin</b>LTE</span>
    </a>
    <!-- Header Navbar: style can be found in header.less -->
    <nav class="navbar navbar-static-top">
        <!-- Sidebar toggle button-->
        <a href="#" class="sidebar-toggle" data-toggle="push-menu" role="button">
            <span class="sr-only">Toggle navigation</span>
        </a>

        <div class="navbar-custom-menu">
            <ul class="nav navbar-nav">
                <!-- Messages: style can be found in dropdown.less-->
                <li class="dropdown messages-menu">
                    <a href="#" class="dropdown-toggle" data-toggle="dropdown">
                        <i class="fa fa-envelope-o"></i>
                        <span class="label label-success">4</span>
                    </a>
                    <ul class="dropdown-menu">
                        <li class="header">You have 4 messages</li>
                        <li>
                            <!-- inner menu: contains the actual data -->

```

```

<ul class="menu">
  <li><!-- start message -->
    <a href="#">
      <div class="pull-left">
        
      </div>
      <h4>
        Support Team
        <small><i class="fa fa-clock-o"></i> 5 mins</small>
      </h4>
      <p>Why not buy a new awesome theme?</p>
    </a>
  </li>
  <!-- end message -->
</ul>
</li>
<!-- Notifications: style can be found in dropdown.less -->
<li class="dropdown notifications-menu">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">
    <i class="fa fa-bell-o"></i>
    <span class="label label-warning">10</span>
  </a>
  <ul class="dropdown-menu">
    <li class="header">You have 10 notifications</li>
    <li>
      <!-- inner menu: contains the actual data -->
      <ul class="menu">
        <li>
          <a href="#">
            <i class="fa fa-users text-aqua"></i> 5 new members joined today
          </a>
        </li>
      </ul>
    </li>
    <li class="footer"><a href="#">View all</a></li>
  </ul>
</li>
<!-- Tasks: style can be found in dropdown.less -->
<li class="dropdown tasks-menu">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">
    <i class="fa fa-flag-o"></i>
    <span class="label label-danger">9</span>
  </a>
  <ul class="dropdown-menu">
    <li class="header">You have 9 tasks</li>
    <li>
      <!-- inner menu: contains the actual data -->
      <ul class="menu">
        <li><!-- Task item -->
          <a href="#">
            <h3>
              Design some buttons
              <small class="pull-right">20%</small>
            </h3>
            <div class="progress xs">
              <div class="progress-bar progress-bar-aqua" style="width: 20%" role="progressbar" aria-
                valuenow="20" aria-valuemin="0" aria-valuemax="100">
                <span class="sr-only">20% Complete</span>

```

```

        </div>
    </div>
</a>
</li>
<!-- end task item --&gt;
&lt;/ul&gt;
&lt;/li&gt;
&lt;li class="footer"&gt;
    &lt;a href="#"&gt;View all tasks&lt;/a&gt;
&lt;/li&gt;
&lt;/ul&gt;
&lt;/li&gt;
<!-- User Account: style can be found in dropdown.less --&gt;
&lt;li class="dropdown user user-menu"&gt;
    &lt;a href="#" class="dropdown-toggle" data-toggle="dropdown"&gt;
        &lt;img src="{{asset('assets/$theme/dist/img/user2-160x160.jpg')}}" class="user-image" alt="User
Image"&gt;
            &lt;span class="hidden-xs"&gt;Hola, {{session()-&gt;get('nombre_usuario') ?? 'Invitado'}}&lt;/span&gt;
    &lt;/a&gt;
    &lt;ul class="dropdown-menu"&gt;
        <!-- User image --&gt;
        &lt;li class="user-header"&gt;
            &lt;img src="{{asset('assets/$theme/dist/img/user2-160x160.jpg')}}" class="img-circle" alt="User
Image"&gt;
&lt;p&gt;
    Alexander Pierce - Web Developer
    &lt;small&gt;Member since Nov. 2012&lt;/small&gt;
&lt;/p&gt;
&lt;/li&gt;
<!-- Menu Body --&gt;
&lt;li class="user-body"&gt;
    &lt;div class="row"&gt;
        @if(session()-&gt;get("roles") &amp;&amp; count(session()-&gt;get("roles")) &gt; 1)
        &lt;div class="col-xs-6 text-center"&gt;
            &lt;a href="#" class="cambiar-rol"&gt;Cambiar Rol&lt;/a&gt;
        &lt;/div&gt;
        @endif
    &lt;/div&gt;
&lt;/li&gt;
<!-- Menu Footer--&gt;
&lt;li class="user-footer"&gt;
    &lt;div class="pull-left"&gt;
        &lt;a href="{{route('login')}}" class="btn btn-default btn-flat"&gt;Login&lt;/a&gt;
    &lt;/div&gt;
    &lt;div class="pull-right"&gt;
        &lt;a href="{{route('logout')}}" class="btn btn-default btn-flat"&gt;Salir&lt;/a&gt;
    &lt;/div&gt;
&lt;/li&gt;
&lt;/ul&gt;
&lt;/li&gt;
<!-- Control Sidebar Toggle Button --&gt;
&lt;li&gt;
    &lt;a href="#" data-toggle="control-sidebar"&gt;&lt;i class="fa fa-gears"&gt;&lt;/i&gt;&lt;/a&gt;
&lt;/li&gt;
&lt;/ul&gt;
&lt;/div&gt;
&lt;/nav&gt;
&lt;/header&gt;
</pre>

```

## Inserindo, no seeder, um usuário não administrador

database\seeds\UsuarioAdministradorSeeder.php

```
<?php

use Illuminate\Database\Seeder;
use App\Models\Seguridad\Usuario;
use Illuminate\Support\Facades\Hash;

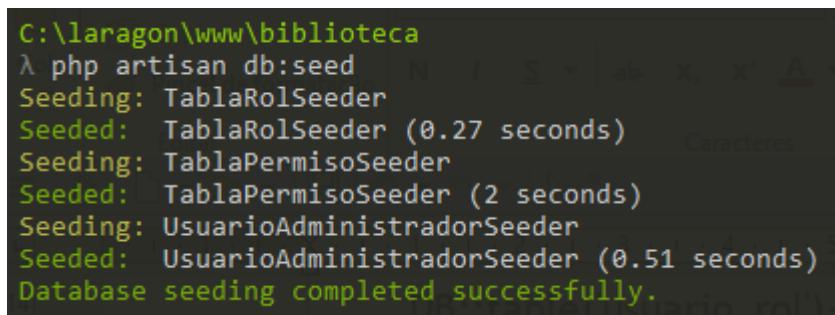
class UsuarioAdministradorSeeder extends Seeder
{
    public function run()
    {
        DB::table('usuario')->insert([
            'usuario' => 'biblioteca_admin',
            'nombre' => 'Administrador',
            'password' => bcrypt('pass123')
        ]);

        DB::table('usuario')->insert([
            'usuario' => 'rat',
            'nombre' => 'Roosevelt',
            'password' => bcrypt('pass123')
        ]);

        DB::table('usuario_rol')->insert([
            'rol_id' => 1,
            'usuario_id' => 1,
            'estado' => 1
        ]);

        DB::table('usuario_rol')->insert([
            'rol_id' => 2,
            'usuario_id' => 2,
            'estado' => 1
        ]);
    }
}
```

php artisan db:seed



```
C:\laragon\www\biblioteca
λ php artisan db:seed      N / S | ab X X' A
Seeding: TablaRolSeeder
Seeded: TablaRolSeeder (0.27 seconds)   Caracteres
Seeding: TablaPermisoSeeder
Seeded: TablaPermisoSeeder (2 seconds)
Seeding: UsuarioAdministradorSeeder
Seeded: UsuarioAdministradorSeeder (0.51 seconds)
Database seeding completed successfully.
```

Showing rows 0 - 1 (2 total, Query took 0.0033 seconds.)

```
SELECT * FROM `usuario`
```

Profiling [Edit inline] [ Edit ] [ Explain SQL ] [ Create PHP ]

Show all | Number of rows: 25  Filter rows: Search this table Sort by key: None

+ Options

	id	usuario	password	nombre	created_at	updated_at
<input type="checkbox"/>	1	biblioteca_admin	\$2y\$10\$D7Amh.3MFUMsbIEdub6IJebl/TdT.gIYUDg3K1RK4OM...	Administrador	NULL	NULL
<input type="checkbox"/>	2	rat	\$2y\$10\$e3Yfy7OSMo5DdnsVLvrJ8O5lMeY01kNDEcQIB0sXmh...	Roosevelt	NULL	NULL

Showing rows 0 - 1 (2 total, Query took 0.0753 seconds.)

```
SELECT * FROM `usuario_rol`
```

Show all | Number of rows: 25  Filter rows: Search this table Sort by key:

+ Options

	id	rol_id	usuario_id	estado	created_at	updated_at
<input type="checkbox"/>	1	1	1	1	NULL	NULL
<input type="checkbox"/>	2	2	2	1	NULL	NULL

## Aula 27 - Menu dinâmico - Parte frontal - Biblioteca

resources\views\theme\lte\aside.blade.php

```
<aside class="main-sidebar">
    <!-- sidebar: style can be found in sidebar.less -->
    <section class="sidebar">
        <!-- Sidebar user panel -->
        <div class="user-panel">
            <div class="pull-left image">
                
            </div>
            <div class="pull-left info">
                <p>Alexander Pierce</p>
                <a href="#"><i class="fa fa-circle text-success"></i> Online</a>
            </div>
        </div>
        <!-- search form -->
        <form action="#" method="get" class="sidebar-form">
            <div class="input-group">
                <input type="text" name="q" class="form-control" placeholder="Search...">
                <span class="input-group-btn">
                    <button type="submit" name="search" id="search-btn" class="btn btn-flat"><i class="fa fa-search"></i>
                    </button>
                </span>
            </div>
        </form>
        <!-- /.search form -->
        <!-- sidebar menu: : style can be found in sidebar.less -->
        <ul class="sidebar-menu" data-widget="tree">
            <li class="header">Menú Principal</li>
            @foreach ($menusComposer as $key => $item)
                @if ($item["menu_id"] != 0)
                    @break
                @endif
                @include("theme.$theme.menu-item", ["item" => $item])
            @endforeach
        </ul>
    </section>
    <!-- /.sidebar -->
</aside>
```

**resources\views\theme\lte\menu-item.blade.php**

```
@if ($item["submenu"] == [])
    <li class="{{getMenuActivo($item["url"])}}">
        <a href="{{url($item['url'])}}>
            <i class="fa {{ $item["icono"] }}></i> <span>{{ $item["nombre"] }}</span>
        </a>
    </li>
@else
    <li class="treeview">
        <a href="javascript:;">
            <i class="fa {{ $item["icono"] }}></i> <span>{{ $item["nombre"] }}</span>
            <span class="pull-right-container">
                <i class="fa fa-angle-left pull-right"></i>
            </span>
        </a>
        <ul class="treeview-menu">
            @foreach ($item["submenu"] as $submenu)
                @include("theme.$theme.menu-item", ["item" => $submenu])
            @endforeach
        </ul>
    </li>
@endif
```

**app\Providers\AppServiceProvider.php**

```
<?php

namespace App\Providers;

use Illuminate\Support\ServiceProvider;
use Illuminate\Support\Facades\View;
use App\Models\Admin\Menu;

class AppServiceProvider extends ServiceProvider
{
    public function boot()
    {
        View::composer("theme.lte.aside", function ($view) {
            $menus = Menu::getMenu(true);
            $view->with('menusComposer', $menus);
        });
        View::share('theme', 'lte');
    }

    public function register()
    {
        //
    }
}
```

## app\Helpers\biblioteca.php

```
<?php

use App\Models\Admin\Permiso;
use Illuminate\Database\Eloquent\Builder;

if (!function_exists('getMenuActivo')) {
    function getMenuActivo($ruta)
    {
        if (request()->is($ruta) || request()->is($ruta . '/*')) {
            return 'active';
        } else {
            return '';
        }
    }
}
```

## composer.json

```
{
    "name": "laravel/laravel",
    "type": "project",
    "description": "The Laravel Framework.",
    "keywords": [
        "framework",
        "laravel"
    ],
    "license": "MIT",
    "require": {
        "php": "^7.2",
        "fideloper/proxy": "^4.0",
        "laravel/framework": "^6.2",
        "laravel/tinker": "^1.0",
        "predis/predis": "^1.1"
    },
    "require-dev": {
        "facade/ignition": "^1.4",
        "fzaninotto/faker": "^1.4",
        "mockery/mockery": "^1.0",
        "nunomaduro/collision": "^3.0",
        "phpunit/phpunit": "^8.0"
    },
    "config": {
        "optimize-autoloader": true,
        "preferred-install": "dist",
        "sort-packages": true
    },
    "extra": {
        "laravel": {
            "dont-discover": []
        }
    },
    "autoload": {
        "psr-4": {
            "App\\": "app/"
        }
    }
}
```

```
"classmap": [
    "database/seeds",
    "database/factories"
],
"files":[
    "app/Helpers/biblioteca.php"
]
},
"autoload-dev": {
    "psr-4": {
        "Tests\\": "tests/"
    }
},
"minimum-stability": "dev",
"prefer-stable": true,
"scripts": {
    "post/autoload-dump": [
        "Illuminate\\Foundation\\ComposerScripts::postAutoloadDump",
        "@php artisan package:discover --ansi"
    ],
    "post-root-package-install": [
        "@php -r \"file_exists('.env') || copy('.env.example', '.env');\""
    ],
    "post-create-project-cmd": [
        "@php artisan key:generate --ansi"
    ]
}
}
```

composer dump-autoload

```
C:\laragon\www\biblioteca
λ composer dumpautoload
Generating optimized autoload files> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
Generated optimized autoload files containing 4153 classes
```

The screenshot shows a web application interface titled "AdminLTE". The left sidebar has a dark theme with white text and icons. It includes sections for "Menú Principal", "Admin" (selected), "Menu", "Menu-Rol", "Permiso", "Permiso-Rol", "Roles", and "Usuario". The main content area is titled "Menús" and displays a list of menu items with their URLs and icons:

URL	Icono
Admin   Url -> admin/admin	⚙️
Menu   Url -> admin/menu	☰
Menu-Rol   Url -> admin/menu-rol	☷
Permiso   Url -> admin/permiso	📋
Permiso-Rol   Url -> admin/permiso-rol	↔️
Roles   Url -> admin/rol	💼
Usuario   Url -> admin/usuario	👤

A green button labeled "Crear menú" is located in the top right corner of the content area.

The screenshot shows the same AdminLTE interface. The "Admin" section is still selected in the sidebar. The main content area is titled "Menús - Rol" and displays a table showing which roles have access to each menu item:

Menú	administrador	editor	supervisor
Admin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Menu	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Menu-Rol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Permiso	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Permiso-Rol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Roles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Usuario	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Aula 28 - Fim do CRUD Menu

app\Models\Admin\Menu.php

```
<?php

namespace App\Models\Admin;

use Illuminate\Database\Eloquent\Model;

class Menu extends Model
{
    protected $table = "menu";
    protected $fillable = ['nombre', 'url', 'icono'];
    protected $guarded = ['id'];

    public function roles()
    {
        return $this->belongsToMany(Rol::class, 'menu_rol');
    }

    public function getHijos($padres, $line)
    {
        $children = [];
        foreach ($padres as $line1) {
            if ($line['id'] == $line1['menu_id']) {
                $children = array_merge($children, [array_merge($line1, ['submenu' => $this->getHijos($padres, $line1)])]);
            }
        }
        return $children;
    }

    public function getPadres($front)
    {
        if ($front) {
            return $this->whereHas('roles', function ($query) {
                $query->where('rol_id', session()->get('rol_id'))->orderby('menu_id');
            })->orderby('menu_id')
                ->orderby('orden')
                ->get()
                ->toArray();
        } else {
            return $this->orderby('menu_id')
                ->orderby('orden')
                ->get()
                ->toArray();
        }
    }

    public static function getMenu($front = false)
    {
        $menus = new Menu();
        $padres = $menus->getPadres($front);
```

```

$menuAll = [];
foreach ($padres as $line) {
    if ($line['menu_id'] != 0)
        break;
    $item = [array_merge($line, ['submenu' => $menus->getHijos($padres, $line)])];
    $menuAll = array_merge($menuAll, $item);
}
return $menuAll;
}

public function guardarOrden($menu)
{
    $menus = json_decode($menu);
    foreach ($menus as $var => $value) {
        $this->where('id', $value->id)->update(['menu_id' => 0, 'orden' => $var + 1]);
        if (!empty($value->children)) {
            foreach ($value->children as $key => $vchild) {
                $update_id = $vchild->id;
                $parent_id = $value->id;
                $this->where('id', $update_id)->update(['menu_id' => $parent_id, 'orden' => $key +
1]);
                if (!empty($vchild->children)) {
                    foreach ($vchild->children as $key => $vchild1) {
                        $update_id = $vchild1->id;
                        $parent_id = $vchild->id;
                        $this->where('id', $update_id)->update(['menu_id' => $parent_id, 'orden' =>
$key + 1]);
                        if (!empty($vchild1->children)) {
                            foreach ($vchild1->children as $key => $vchild2) {
                                $update_id = $vchild2->id;
                                $parent_id = $vchild1->id;
                                $this->where('id', $update_id)->update(['menu_id' => $parent_id, 'orden' =>
$key + 1]);
                                if (!empty($vchild2->children)) {
                                    foreach ($vchild2->children as $key => $vchild3) {
                                        $update_id = $vchild3->id;
                                        $parent_id = $vchild2->id;
                                        $this->where('id', $update_id)->update(['menu_id' => $parent_id,
'orden' => $key + 1]);
                                    }
                                }
                            }
                        }
                    }
                }
            }
        }
    }
}

```

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Menu;
use App\Http\Requests\ValidacionMenu;

class MenuController extends Controller
{
    public function index()
    {
        $menus = Menu::getMenu();
        return view('admin.menu.index', compact('menus'));
    }

    public function crear()
    {
        return view('admin.menu.crear');
    }

    public function guardar(ValidacionMenu $request)
    {
        Menu::create($request->all());
        return redirect('admin/menu/crear')->with('mensaje', 'Menú creado con éxito');
    }

    public function editar($id)
    {
        $data = Menu::findOrFail($id);
        return view('admin.menu.editar', compact('data'));
    }

    public function actualizar(ValidacionMenu $request, $id)
    {
        Menu::findOrFail($id)->update($request->all());
        return redirect('admin/menu')->with('mensaje', 'Menú actualizado con éxito');
    }

    public function eliminar($id)
    {
        Menu::destroy($id);
        return redirect('admin/menu')->with('mensaje', 'Menú eliminado con éxito');
    }

    public function guardarOrden(Request $request)
    {
        if ($request->ajax()) {
            $menu = new Menu;
            $menu->guardarOrden($request->menu);
            return response()->json(['respuesta' => 'ok']);
        } else {
            abort(404);
        }
    }
}
```

```
}
```

## routes\web.php

```
<?php
```

```
Route::get('/', 'InicioController@index')->name('inicio');
Route::get('seguridad/login', 'Seguridad\LoginController@index')->name('login');
Route::post('seguridad/login', 'Seguridad\LoginController@login')->name('login_post');
Route::get('seguridad/logout', 'Seguridad\LoginController@logout')->name('logout');
Route::post('ajax-sesion', 'AjaxController@setSession')->name('ajax')->middleware('auth');

Route::group(['prefix' => 'admin', 'namespace' => 'Admin', 'middleware' => ['auth', 'superadmin']], function () {
    Route::get("", 'AdminController@index');
    /*RUTAS DE PERMISO*/
    Route::get('permiso', 'PermisoController@index')->name('permiso');
    Route::get('permiso/crear', 'PermisoController@crear')->name('crear_permiso');
    Route::post('permiso', 'PermisoController@guardar')->name('guardar_permiso');
    Route::get('permiso/{id}/editar', 'PermisoController@editar')->name('editar_permiso');
    Route::put('permiso/{id}', 'PermisoController@actualizar')->name('actualizar_permiso');
    Route::delete('permiso/{id}', 'PermisoController@eliminar')->name('eliminar_permiso');
    /*RUTAS DEL MENU*/
    Route::get('menu', 'MenuController@index')->name('menu');
    Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');
    Route::post('menu', 'MenuController@guardar')->name('guardar_menu');
    Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');
    Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');
    Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');
    Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');
    /*RUTAS ROL*/
    Route::get('rol', 'RolController@index')->name('rol');
    Route::get('rol/crear', 'RolController@crear')->name('crear_rol');
    Route::post('rol', 'RolController@guardar')->name('guardar_rol');
    Route::get('rol/{id}/editar', 'RolController@editar')->name('editar_rol');
    Route::put('rol/{id}', 'RolController@actualizar')->name('actualizar_rol');
    Route::delete('rol/{id}', 'RolController@eliminar')->name('eliminar_rol');
    /*RUTAS MENU_ROL*/
    Route::get('menu-rol', 'MenuRolController@index')->name('menu_rol');
    Route::post('menu-rol', 'MenuRolController@guardar')->name('guardar_menu_rol');
});
```

app\Http\Requests\ValidacionMenu.php

```
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;
use App\Rules\ValidarCampoUrl;

class ValidacionMenu extends FormRequest
{
    /**
     * Determine if the user is authorized to make this request.
     *
     * @return bool
     */
    public function authorize()
    {
        return true;
    }

    /**
     * Get the validation rules that apply to the request.
     *
     * @return array
     */
    public function rules()
    {
        return [
            'nombre' => 'required|max:50|unique:menu,nombre,' . $this->route('id'),
            'url' => ['required', 'max:100', new ValidarCampoUrl],
            'icono' => 'nullable|max:50'
        ];
    }
}
```

```
resources\views\admin\menu\crear.blade.php
```

```
@extends("theme.$theme.layout")
@section('titulo')
    Sistema Menús
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/menu/crear.js")}}"
type="text/javascript"></script>
@endsection

@section('contenido')


<div class="col-lg-12">
        @include('includes.form-error')
        @include('includes.mensaje')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear Menús</h3>
                <a href="{{route('menu')}}" class="btn btn-info btn-sm pull-right">Listado</a>
            </div>
            <form action="{{route('guardar_menu')}}" id="form-general" class="form-horizontal" method="POST" autocomplete="off">
                @csrf
                <div class="box-body">
                    @include('admin.menu.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-crear')
                    </div>
                </div>
            </form>
        </div>
    </div>


```

resources\views\admin\menu\editar.blade.php

```
@extends("theme.$theme.layout")
@section('titulo')
    Sistema Menús
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/menu/crear.js")}}"
type="text/javascript"></script>
@endsection

@section('contenido')
<div class="row">
    <div class="col-lg-12">
        @include('includes.form-error')
        @include('includes.mensaje')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Editar Menú</h3>
                <a href="{{route('menu')}}" class="btn btn-info btn-sm pull-right">Listado</a>
            </div>
            <form action="{{route('actualizar_menu', ['id' => $data->id])}}" id="form-general"
class="form-horizontal" method="POST" autocomplete="off">
                @csrf @method("put")
                <div class="box-body">
                    @include('admin.menu.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-editar')
                    </div>
                </div>
            </form>
        </div>
    </div>
</div>
@endsection
```

resources\views\admin\menu\form.blade.php

```
<div class="form-group">
    <label for="nombre" class="col-lg-3 control-label requerido">Nombre</label>
    <div class="col-lg-8">
        <input type="text" name="nombre" id="nombre" class="form-control" value="{{old('nombre',
$data->nombre ?? '')}}" required />
    </div>
</div>
<div class="form-group">
    <label for="url" class="col-lg-3 control-label requerido">Url</label>
    <div class="col-lg-8">
        <input type="text" name="url" id="url" class="form-control" value="{{old('url', $data->url ?? '')}}" required />
    </div>
</div>
<div class="form-group">
    <label for="icono" class="col-lg-3 control-label">Icono</label>
    <div class="col-lg-8">
        <input type="text" name="icono" id="icono" class="form-control" value="{{old('icono', $data->icono ?? '')}}"/>
    </div>
    <div class="col-lg-1">
        <span id="mostrar-icono" class="fa fa-fw {{old("icono")}}"></span>
    </div>
</div>
```

```
resources\views\admin\menu\index.blade.php
```

```
@extends("theme.$theme.layout")
@section("titulo")
Menú
@endsection

@section("styles")
<link href="{{asset("assets/js/jquery-nestable/jquery.nestable.css")}}" rel="stylesheet"
type="text/css" />
@endsection

@section("scriptsPlugins")
<script src="{{asset("assets/js/jquery-nestable/jquery.nestable.js")}}}"
type="text/javascript"></script>
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/menu/index.js")}}}"
type="text/javascript"></script>
@endsection

@section('contenido')


@include('includes.mensaje')


### Menús

Crear me-
nú</a>



@csrf


@foreach ($menus as $key => $item)
@if ($item["menu_id"] != 0)
@break
@endif
@include("admin.menu.menu-item",["item" => $item])
@endforeach


```

resources\views\admin\menu\menu-item.blade.php

```
@if ($item["submenu"] == [])
<li class="dd-item dd3-item" data-id="{{ $item["id"] }}">
    <div class="dd-handle dd3-handle"></div>
    <div class="dd3-content {{ $item["url"] == "javascript:;" ? "font-weight-bold" : "" }}>
        <a href="{{ route('editar_menu', ['id' => $item['id']]) }}>{{ $item['nombre'] }} . " | Url -> ". $item["url"] }} Icono -> <i style="font-size:20px;" class="fa fa-fw {{ isset($item['icono']) ? $item['icono'] : "" }}></i></a>
        <a href="{{ route('eliminar_menu', ['id' => $item['id']]) }}" class="eliminar-menu pull-right tooltipsC" title="Eliminar este menú"><i class="text-danger fa fa-trash-o"></i></a>
    </div>
</li>
@else
<li class="dd-item dd3-item" data-id="{{ $item["id"] }}">
    <div class="dd-handle dd3-handle"></div>
    <div class="dd3-content {{ $item["url"] == "javascript:;" ? "font-weight-bold" : "" }}>
        <a href="{{ route('editar_menu', ['id' => $item['id']]) }}>{{ $item['nombre'] }} . " | Url -> ". $item["url"] }} Icono -> <i style="font-size:20px;" class="fa fa-fw {{ isset($item['icono']) ? $item['icono'] : "" }}></i></a>
        <a href="{{ route('eliminar_menu', ['id' => $item['id']]) }}" class="eliminar-menu pull-right tooltipsC" title="Eliminar este menú"><i class="text-danger fa fa-trash-o"></i></a>
    </div>
    <ol class="dd-list">
        @foreach ($item["submenu"] as $submenu)
            @include("admin.menu.menu-item", [ "item" => $submenu ])
        @endforeach
    </ol>
</li>
@endif
```

public\assets\pages\scripts\admin\menu\crear.js

```
$(document).ready(function () {
    Biblioteca.validacionGeneral('form-general');
    $('#icono').on('blur', function () {
        $('#mostrar-icono').removeClass().addClass('fa fa-fw ' + $(this).val());
    });
});
```

public\assets\pages\scripts\admin\menu\index.js

```
$(document).ready(function () {
    $('#nestable').nestable().on('change', function () {
        const data = {
            menu: window.JSON.stringify($('#nestable').nestable('serialize')),
            _token: $('input[name=_token]').val()
        };
        $.ajax({
            url: '/admin/menu/guardar-orden',
            type: 'POST',
            dataType: 'JSON',
            data: data,
            success: function (respuesta) {
```

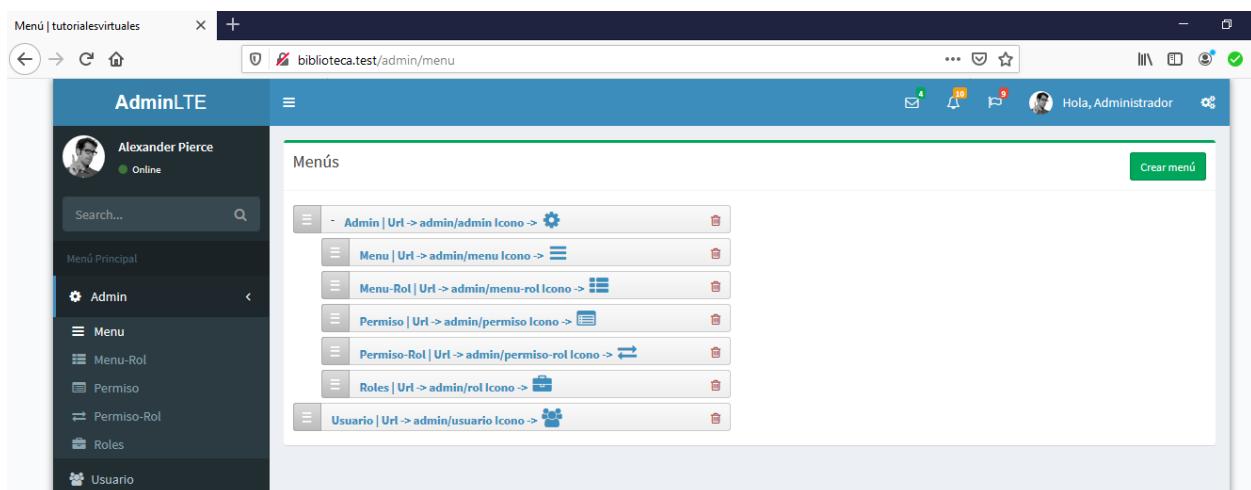
```

        });
    });

$('.eliminar-menu').on('click', function(event){
    event.preventDefault();
    const url = $(this).attr('href');
    swal({
        title: '¿ Está seguro que desea eliminar el registro ?',
        text: "Esta acción no se puede deshacer!",
        icon: 'warning',
        buttons: {
            cancel: "Cancelar",
            confirm: "Aceptar"
        },
    }).then((value) => {
        if (value) {
            window.location.href = url;
        }
    });
});

$('#nestable').nestable('expandAll');
});

```



# Aula 29 - Sistema de Permisos - Parte I

app\Models\Admin\Permiso.php

```
<?php

namespace App\Models\Admin;

use Illuminate\Database\Eloquent\Model;

class Permiso extends Model
{
    protected $table = "permiso";
    protected $fillable = ['nombre', 'slug'];
    protected $guarded = ['id'];

    public function roles()
    {
        return $this->belongsToMany(Rol::class, 'permiso_rol', 'permiso_id', 'rol_id');
    }
}
```

app\Http\Controllers\Admin\PermisoController.php

```
<?php

namespace App\Http\Controllers\admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Permiso;
use App\Http\Requests\ValidarPermiso;

class PermisoController extends Controller
{
    public function index()
    {
        $permisos = Permiso::orderBy('id')->get();
        return view('admin.permiso.index', compact('permisos'));
    }

    public function crear()
    {
        return view('admin.permiso.crear');
    }

    public function guardar(ValidarPermiso $request)
    {
        Permiso::create($request->all());
        return redirect('admin/permiso/crear')->with('mensaje', 'Permiso creado con exito');
    }
}
```

```
public function mostrar($id)
{
    //
}

public function editar($id)
{
    $data = Permiso::findOrFail($id);
    return view('admin.permiso.editar', compact('data'));
}

public function actualizar(ValidarPermiso $request, $id)
{
    Permiso::findOrFail($id)->update($request->all());
    return redirect('admin/permiso')->with('mensaje', 'Permiso actualizado con exito');
}

public function eliminar(Request $request, $id)
{
    if ($request->ajax()) {
        if (Permiso::destroy($id)) {
            return response()->json(['mensaje' => 'ok']);
        } else {
            return response()->json(['mensaje' => 'ng']);
        }
    } else {
        abort(404);
    }
}
```

## routes\web.php

```
<?php

Route::get('/', 'InicioController@index')->name('inicio');
Route::get('seguridad/login', 'Seguridad\LoginController@index')->name('login');
Route::post('seguridad/login', 'Seguridad\LoginController@login')->name('login_post');
Route::get('seguridad/logout', 'Seguridad\LoginController@logout')->name('logout');
Route::post('ajax-sesion', 'AjaxController@setSession')->name('ajax')->middleware('auth');

Route::group(['prefix' => 'admin', 'namespace' => 'Admin', 'middleware' => ['auth', 'superadmin']], function () {
    Route::get("", 'AdminController@index');

    /*RUTAS DE PERMISO*/
    Route::get('permiso', 'PermisoController@index')->name('permiso');
    Route::get('permiso/crear', 'PermisoController@crear')->name('crear_permiso');
    Route::post('permiso', 'PermisoController@guardar')->name('guardar_permiso');
    Route::get('permiso/{id}/editar', 'PermisoController@editar')->name('editar_permiso');
    Route::put('permiso/{id}', 'PermisoController@actualizar')->name('actualizar_permiso');
    Route::delete('permiso/{id}', 'PermisoController@eliminar')->name('eliminar_permiso');

    /*RUTAS DEL MENU*/
    Route::get('menu', 'MenuController@index')->name('menu');
    Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');
    Route::post('menu', 'MenuController@guardar')->name('guardar_menu');
    Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');
    Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');
    Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');
    Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');

    /*RUTAS ROL*/
    Route::get('rol', 'RolController@index')->name('rol');
    Route::get('rol/crear', 'RolController@crear')->name('crear_rol');
    Route::post('rol', 'RolController@guardar')->name('guardar_rol');
    Route::get('rol/{id}/editar', 'RolController@editar')->name('editar_rol');
    Route::put('rol/{id}', 'RolController@actualizar')->name('actualizar_rol');
    Route::delete('rol/{id}', 'RolController@eliminar')->name('eliminar_rol');

    /*RUTAS MENU_ROL*/
    Route::get('menu-rol', 'MenuRolController@index')->name('menu_rol');
    Route::post('menu-rol', 'MenuRolController@guardar')->name('guardar_menu_rol');
});

});
```

## app\Http\Requests\ValidarPermiso.php

```
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class ValidarPermiso extends FormRequest
{
    public function authorize()
    {
        return true;
    }
}
```

```

public function rules()
{
    return [
        'nombre' => 'required|max:50|unique:permiso,nombre,' . $this->route('id'),
        'slug' => 'required|max:50|unique:permiso,slug,' . $this->route('id'),
    ];
}

```

**resources\views\admin\permiso\crear.blade.php**

```

@extends("theme.$theme.layout")
@section('titulo')
    Permisos
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/permiso/crear.js")}}"
type="text/javascript"></script>
@endsection

@section('contenido')
<div class="row">
    <div class="col-lg-12">
        @include('includes.mensaje')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear Permisos</h3>
                <a href="{{route('permiso')}}" class="btn btn-info btn-sm pull-right">Listado</a>
            </div>
            <form action="{{route('guardar_permiso')}}" id="form-general" class="form-horizontal"
method="POST" autocomplete="off">
                @csrf
                <div class="box-body">
                    @include('admin.permiso.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-crear')
                    </div>
                </div>
            </form>
        </div>
    </div>
@endsection

```

```
resources\views\admin\permiso\editar.blade.php
```

```
@extends("theme.$theme.layout")
@section('titulo')
    Permisos
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/permiso/crear.js")}}"
type="text/javascript"></script>
@endsection

@section('contenido')


<div class="col-lg-12">
        @include('includes.mensaje')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Editar Permisos {{$data->nombre}}</h3>
                <a href="{{route('permiso')}}" class="btn btn-info btn-sm pull-right">Listado</a>
            </div>
            <form action="{{route('actualizar_permiso', ['id' => $data->id])}}" id="form-general"
class="form-horizontal" method="POST" autocomplete="off">
                @csrf @method("put")
                <div class="box-body">
                    @include('admin.permiso.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-editar')
                    </div>
                </div>
            </form>
        </div>
    </div>


```

resources\views\admin\permiso\form.blade.php

```
<div class="form-group">
    <label for="nombre" class="col-lg-3 control-label requerido">Nombre</label>
    <div class="col-lg-8">
        <input type="text" name="nombre" id="nombre" class="form-control" value="{{old('nombre',
$data->nombre ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="slug" class="col-lg-3 control-label requerido">slug</label>
    <div class="col-lg-8">
        <input type="text" name="slug" id="slug" class="form-control" value="{{old('slug', $data-
>slug ?? '')}}" required/>
    </div>
</div>
```

**resources\views\admin\permiso\index.blade.php**

```
@extends("theme.$theme.layout")
@section('titulo')
    Permisos
@endsection

@section("scripts")
<script src="{{asset('assets/pages/scripts/admin/index.js')}}" type="text/javascript"></script>
@endsection

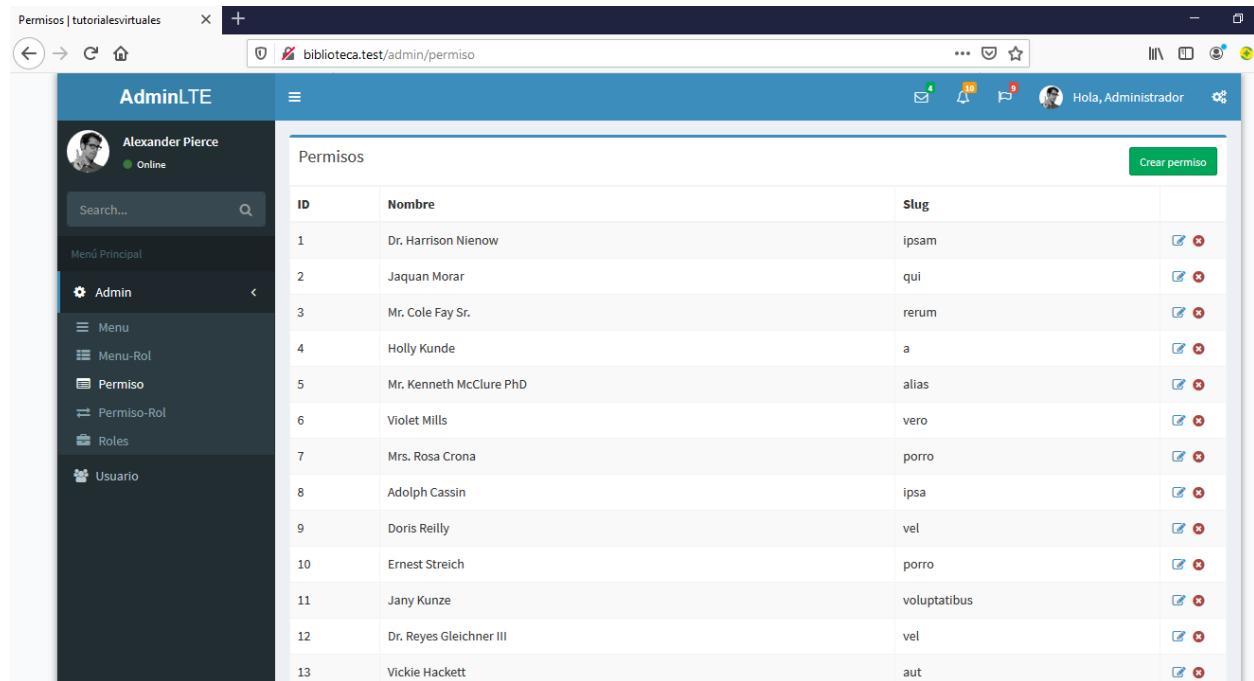
@section('contenido')


<div class="col-lg-12">
        <div class="box box-primary">
            <div class="box-header with-border">
                <h3 class="box-title">Permisos</h3>
                <a href="{{route('crear_permiso')}}" class="btn btn-success btn-sm pull-right">Crear permiso</a>
            </div>
            <div class="box-body table-responsive no-padding">
                <table class="table table-striped table-bordered table-hover" id="tabla-data">
                    <thead>
                        <tr>
                            <th>ID</th>
                            <th>Nombre </th>
                            <th>Slug</th>
                            <th class="width70"></th>
                        </tr>
                    </thead>
                    <tbody>
                        @foreach($permisos as $permiso)
                            <tr>
                                <td>{{$permiso->id}}</td>
                                <td>{{$permiso->nombre}}</td>
                                <td>{{$permiso->slug}}</td>
                                <td>
                                    <a href="{{route("editar_permiso", ['id' => $permiso->id])}}" class="btn-accion-tabla tooltipsC" title="Editar este registro">
                                        <i class="fa fa-edit"></i>
                                    </a>
                                    <form action="{{route("eliminar_permiso", ['id' => $permiso->id])}}" class="d-inline form-eliminar" method="POST">
                                        @csrf @method("delete")
                                        <button type="submit" class="btn-accion-tabla eliminar tooltipsC" title="Eliminar este registro"><i class="fa fa-times-circle text-danger"></i></button>
                                    </form>
                                </td>
                            </tr>
                        @endforeach
                    </tbody>
                </table>
            </div>
        </div>
    </div>
@endsection


```

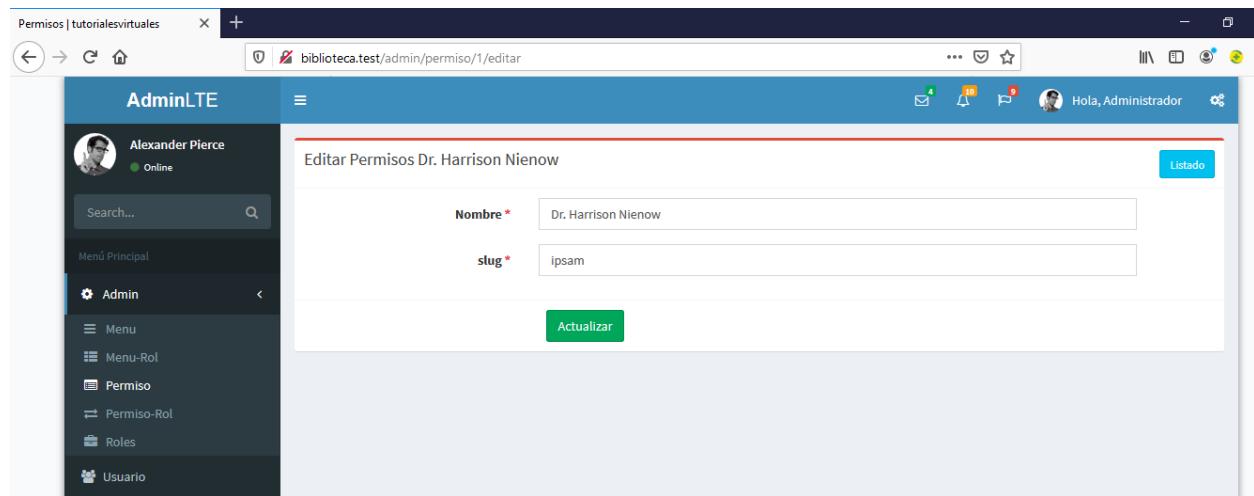
## public\assets\pages\scripts\admin\permiso\crear.js

```
$(document).ready(function () {
    Biblioteca.validacionGeneral('form-general');
    $('#nombre').on('change',function(){
        $('#slug').val($(this).val().toLowerCase().replace(/\ /g, '-'))
    })
});
```



The screenshot shows the AdminLTE dashboard for managing permissions. The left sidebar has a dark theme with a user profile (Alexander Pierce, online), a search bar, and a navigation menu including Admin, Menu, Menu-Rol, Permiso, Permiso-Rol, Roles, and Usuario. The main content area is titled 'Permisos' and lists 13 entries with columns for ID, Nombre, and Slug. Each entry has edit and delete icons. A green 'Crear permiso' button is at the top right.

ID	Nombre	Slug	Actions
1	Dr. Harrison Nienow	ipsam	
2	Jaquan Morar	qui	
3	Mr. Cole Fay Sr.	rerum	
4	Holly Kunde	a	
5	Mr. Kenneth McClure PhD	alias	
6	Violet Mills	vero	
7	Mrs. Rosa Crona	porro	
8	Adolph Cassin	ipsa	
9	Doris Reilly	vel	
10	Ernest Streich	porro	
11	Jany Kunze	voluptatibus	
12	Dr. Reyes Gleichner III	vel	
13	Vickie Hackett	aut	



The screenshot shows the AdminLTE edit permission form for 'Dr. Harrison Nienow'. The left sidebar is identical to the previous screenshot. The main content area is titled 'Editar Permisos Dr. Harrison Nienow' and contains two input fields: 'Nombre\*' with value 'Dr. Harrison Nienow' and 'slug\*' with value 'ipsam'. A green 'Actualizar' button is at the bottom right. A blue 'Listado' button is in the top right corner of the form area.

The screenshot shows the AdminLTE dashboard with a sidebar on the left containing links for Menú Principal, Admin, Menu, Menu-Rol, Permiso, Permiso-Rol, Roles, and Usuario. The main content area displays a table titled 'Permisos' with columns ID, Nombre, and Slug. A modal dialog box is centered over the table, featuring a large exclamation mark icon and the text '¿ Está seguro que desea eliminar el registro ?'. Below this, a smaller message reads 'Esta acción no se puede deshacer!' (This action cannot be undone!). At the bottom of the dialog are two buttons: 'Cancelar' (Cancel) and 'Aceptar' (Accept).

ID	Nombre	Slug
1	Dr. Hannibal Lecter	ipsam
2	Jacques Clouseau	qui
3	Mr. Coen	rerum
4	Holly Golightly	a
5	Mr. Keating	alias
6	Violet Ewart	vero
7	Mrs. Robinson	porro
8	Adolph Hitler	ipsa
9	Doris Riedlinger	vel
10	Ernest Strieich	porro

- Apague todos os registros da tabela Permisos (com drop) e crie os permisos a seguir:

The screenshot shows the 'Crear Permisos' (Create Permission) form. The sidebar on the left is identical to the previous screenshot. The main form has fields for 'Nombre\*' (Name\*) with 'Prestar libros' entered, and 'slug\*' (slug\*) with 'prestar-libros' entered. At the bottom are 'Cancelar' (Cancel) and 'Guardar' (Save) buttons.

The screenshot shows the 'Permisos' (Permissions) list after creating three new entries. The sidebar is the same. The table now includes three rows: 1. ID: 1, Nombre: Prestar libros, Slug: prestar-libros. 2. ID: 2, Nombre: Editar libros, Slug: editar-libros. 3. ID: 3, Nombre: Crear libros, Slug: crear-libros. Each row has edit and delete icons.

ID	Nombre	Slug
1	Prestar libros	prestar-libros
2	Editar libros	editar-libros
3	Crear libros	crear-libros

## Aula 30 - Sistema de Permisos - Parte II (Permiso-Rol)

```
php artisan make:controller Admin/PermisoRolController -r
```

```
app\Http\Controllers\Admin\PermisoRolController.php
```

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Permiso;
use App\Models\Admin\Rol;

class PermisoRolController extends Controller
{
    public function index()
    {
        $rols = Rol::orderBy('id')->pluck('nombre', 'id')->toArray();
        $permisos = Permiso::get();
        $permisosRols = Permiso::with('roles')->get()->pluck('roles', 'id')->toArray();
        return view('admin.permiso-rol.index', compact('rols', 'permisos', 'permisosRols'));
    }

    public function guardar(Request $request)
    {
        if ($request->ajax()) {
            $permisos = new Permiso();
            if ($request->input('estado') == 1) {
                $permisos->find($request->input('permiso_id'))->roles()->attach($request->input('rol_id'));
                return response()->json(['respuesta' => 'El rol se asigno correctamente']);
            } else {
                $permisos->find($request->input('permiso_id'))->roles()->detach($request->input('rol_id'));
                return response()->json(['respuesta' => 'El rol se elimino correctamente']);
            }
        } else {
            abort(404);
        }
    }
}
```

## routes\web.php

```
<?php

Route::get('/', 'InicioController@index')->name('inicio');
Route::get('seguridad/login', 'Seguridad\LoginController@index')->name('login');
Route::post('seguridad/login', 'Seguridad\LoginController@login')->name('login_post');
Route::get('seguridad/logout', 'Seguridad\LoginController@logout')->name('logout');
Route::post('ajax-sesion', 'AjaxController@setSession')->name('ajax')->middleware('auth');

Route::group(['prefix' => 'admin', 'namespace' => 'Admin', 'middleware' => ['auth', 'superadmin']], function () {
    Route::get("", 'AdminController@index');
    /*RUTAS DE PERMISO*/
    Route::get('permiso', 'PermisoController@index')->name('permiso');
    Route::get('permiso/crear', 'PermisoController@crear')->name('crear_permiso');
    Route::post('permiso', 'PermisoController@guardar')->name('guardar_permiso');
    Route::get('permiso/{id}/editar', 'PermisoController@editar')->name('editar_permiso');
    Route::put('permiso/{id}', 'PermisoController@actualizar')->name('actualizar_permiso');
    Route::delete('permiso/{id}', 'PermisoController@eliminar')->name('eliminar_permiso');
    /*RUTAS DEL MENU*/
    Route::get('menu', 'MenuController@index')->name('menu');
    Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');
    Route::post('menu', 'MenuController@guardar')->name('guardar_menu');
    Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');
    Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');
    Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');
    Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');
    /*RUTAS ROL*/
    Route::get('rol', 'RolController@index')->name('rol');
    Route::get('rol/crear', 'RolController@crear')->name('crear_rol');
    Route::post('rol', 'RolController@guardar')->name('guardar_rol');
    Route::get('rol/{id}/editar', 'RolController@editar')->name('editar_rol');
    Route::put('rol/{id}', 'RolController@actualizar')->name('actualizar_rol');
    Route::delete('rol/{id}', 'RolController@eliminar')->name('eliminar_rol');
    /*RUTAS MENU_ROL*/
    Route::get('menu-rol', 'MenuRolController@index')->name('menu_rol');
    Route::post('menu-rol', 'MenuRolController@guardar')->name('guardar_menu_rol');
    /*RUTAS PERMISO_ROL*/
    Route::get('permiso-rol', 'PermisoRolController@index')->name('permiso_rol');
    Route::post('permiso-rol', 'PermisoRolController@guardar')->name('guardar_permiso_rol');
});
```

## resources\views\admin\permiso-rol\index.blade.php

```
@extends("theme.$theme.layout")
@section("titulo")
Permiso - Rol
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/permiso-rol/index.js")}}>
</script>
@endsection
```

```

@section('contenido')
<div class="row">
    <div class="col-lg-12">
        @include('includes.mensaje')
        <div class="box box-success">
            <div class="box-header with-border">
                <h3 class="box-title">Permiso - Rol</h3>
            </div>
            <div class="box-body">
                @csrf
                <table class="table table-striped table-bordered table-hover" id="tabla-data">
                    <thead>
                        <tr>
                            <th>Permiso</th>
                            @foreach ($rols as $id => $nombre)
                                <th class="text-center">{{$nombre}}</th>
                            @endforeach
                        </tr>
                    </thead>
                    <tbody>
                        @foreach ($permisos as $key => $permiso)
                            <tr>
                                <td class="font-weight-bold">{{$permiso["nombre"]}}</td>
                                @foreach($rols as $id => $nombre)
                                    <td class="text-center">
                                        <input
                                            type="checkbox"
                                            class="permiso_rol"
                                            name="permiso_rol[]"
                                            data-permisoid="{{$permiso[ "id"]}}"
                                            value="{{$id}}" {{in_array($id, ar-
ray_column($permisosRols[$permiso["id"]], "id"))? "checked" : ""}}>
                                    </td>
                                @endforeach
                            </tr>
                        @endforeach
                    </tbody>
                </table>
            </div>
        </div>
    </div>

```

public\assets\pages\scripts\admin\permiso-rol\index.js

```
$('.permiso_rol').on('change', function () {
    var data = {
        permiso_id: $(this).data('permisoid'),
        rol_id: $(this).val(),
        _token: $('input[name=_token]').val()
    };
    if ($(this).is(':checked')) {
        data.estado = 1
    } else {
        data.estado = 0
    }
    ajaxRequest('/admin/permiso-rol', data);
});

function ajaxRequest (url, data) {
    $.ajax({
        url: url,
        type: 'POST',
        data: data,
        success: function (respuesta) {
            Biblioteca.notificaciones(respuesta.respuesta, 'Biblioteca', 'success');
        }
    });
}
```

The screenshot shows a web application interface for managing roles and permissions. The title bar reads "Permiso - Rol | tutorialesvirtuales". The browser address bar shows "biblioteca.test/admin/permiso-rol". The main content area is titled "Permiso - Rol". A sidebar on the left shows a user profile for "Alexander Pierce" (Online), a search bar, and navigation links for "Menú Principal", "Admin", "Menu", and "Menu-Rol". A green notification bar at the top right displays a bell icon, the text "Biblioteca", and the message "Hola, Administrador" followed by "El rol se asigno correctamente". The main table has the following data:

Permiso	administrador	editor	supervisor
Prestar libros	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Editar libros	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Crear libros	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Criando o controller LibroController

```
php artisan make:controller LibroController -r
```

```
c:\laragon\www\biblioteca          Edge      tutovirtua...
λ php artisan make:controller LibroController -r
Controller created successfully.
```

```
<?php

namespace App\Http\Controllers;

use App\Http\Requests\ValidacionLibro;
use Illuminate\Http\Request;
use App\Models\Libro;
use Illuminate\Support\Facades\Storage;

class LibroController extends Controller
{
    public function index()
    {
        can('listar-libros');
        $datas = Libro::orderBy('id')->get();
        return view('libro.index', compact('datas'));
    }

    public function crear()
    {
        can('crear-libros');
        return view('libro.crear');
    }

    public function guardar(ValidacionLibro $request)
    {

    }

    public function ver(Request $request, Libro $libro)
    {

    }

    public function editar($id)
    {

    }

    public function actualizar(ValidacionLibro $request, $id)
    {

    }
}
```

```
public function eliminar(Request $request, $id)
{
}
```

## app\Helpers\biblioteca.php

```
<?php

use App\Models\Admin\Permiso;
use Illuminate\Database\Eloquent\Builder;

if (!function_exists('getMenuActivo')) {
    function getMenuActivo($ruta)
    {
        if (request()->is($ruta) || request()->is($ruta . '*')) {
            return 'active';
        } else {
            return '';
        }
    }
}

if (!function_exists('canUser')) {
    function can($permiso, $redirect = true)
    {
        if (session()->get('rol_nombre') == 'administrador') {
            return true;
        } else {
            $rolId = session()->get('rol_id');
            $permisos = cache()->tags('Permiso')->rememberForever("Permiso.rolId.$rolId", function ()
{
            return Permiso::whereHas('roles', function ($query) {
                $query->where('rol_id', session()->get('rol_id'));
            })->get()->pluck('slug')->toArray();
        });
        if (!in_array($permiso, $permisos)) {
            if ($redirect) {
                if (!request()->ajax())
                    return redirect()->route('inicio')->with('mensaje', 'No tienes permisos para entrar
en este modulo')->send();
                abort(403, 'No tiene permiso');
            } else {
                return false;
            }
        }
        return true;
    }
}
}
```

## Criando o modelo Libro

```
php artisan make:model Models/Libro
```

```
C:\laragon\www\biblioteca
λ php artisan make:model Models/Libro
Model created successfully.
```

app\Models\Libro.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\Storage;
use Illuminate\Support\Str;
use Intervention\Image\Facades\Image;

class Libro extends Model
{
    protected $table = "libro";
    protected $fillable = ['titulo', 'isbn', 'autor', 'cantidad', 'editorial', 'foto'];
    protected $guarded = ['id'];

    public static function setCaratula($foto, $actual = false){
        if ($foto) {
            if ($actual) {
                Storage::disk('public')->delete("imagenes/caratulas/$actual");
            }
            $imageName = Str::random(20) . '.jpg';
            $imagen = Image::make($foto)->encode('jpg', 75);
            $imagen->resize(530, 470, function ($constraint) {
                $constraint->upscale();
            });
            Storage::disk('public')->put("imagenes/caratulas/$imageName", $imagen->stream());
            return $imageName;
        } else {
            return false;
        }
    }
}
```

## Views - Libro

resources\views\libro\index.blade.php

```
@extends("theme.$theme.layout")
@section('titulo')
Libros
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/libro/index.js")}}" type="text/javascript"></script>
@endsection

@section('contenido')
<div class="row">
    <div class="col-lg-12">
        @csrf
        @include('includes.mensaje')
        <div class="box">
            <div class="box-header with-border">
                <h3 class="box-title">Libros</h3>
                <div class="box-tools pull-right">
                    <a href="{{route('crear_libro')}}" class="btn btn-block btn-success btn-sm">
                        <i class="fa fa-fw fa-plus-circle"></i> Nuevo registro
                    </a>
                </div>
            </div>
            <div class="box-body">
                <table class="table table-striped table-bordered table-hover" id="tabla-data">
                    <thead>
                        <tr>
                            <th>Título</th>
                            <th>Cantidad</th>
                            <th class="width70"></th>
                        </tr>
                    </thead>
                    <tbody>
                        @foreach ($datas as $data)
                        <tr>
                            <td><a href="{{route('ver_libro', $data)}}" class="ver-libro">{{$data->titulo}}</a></td>
                            <td>{{$data->cantidad}}</td>
                            <td>
                                <a href="{{route('editar_libro', ['id' => $data->id])}}" class="btn-accion-tabla tooltipsC" title="Editar este registro">
                                    <i class="fa fa-fw fa-pencil"></i>
                                </a>
                                <form action="{{route('eliminar_libro', ['id' => $data->id])}}" class="d-inline form-eliminar" method="POST">
                                    @csrf @method("delete")
                                    <button type="submit" class="btn-accion-tabla eliminar tooltipsC" title="Eliminar este registro">
                                        <i class="fa fa-fw fa-trash text-danger"></i>
                                    </button>
                                </form>
                            </td>
                        </tr>
                    @endforeach
                </tbody>
            </table>
        </div>
    </div>
</div>
```

```
        </form>
    </td>
</tr>
@endforeach

    </tbody>
</table>
</div>
</div>
</div>
</div>
<div class="modal fade" id="modal-ver-libro" tabindex="-1">


&times;


```

```
resources\views\libro\crear.blade.php
```

```
@extends("theme.$theme.layout")
@section('titulo')
    Libros
@endsection

@section("styles")
<link href="{{asset("assets/js/bootstrap-fileinput/css/fileinput.min.css")}}" rel="stylesheet"
type="text/css"/>
@endsection

@section("scriptsPlugins")
<script src="{{asset("assets/js/bootstrap-fileinput/js/fileinput.min.js")}}"
type="text/javascript"></script>
<script src="{{asset("assets/js/bootstrap-fileinput/js/locales/es.js")}}"
type="text/javascript"></script>
<script src="{{asset("assets/js/bootstrap-fileinput/themes/fas/theme.min.js")}}"
type="text/javascript"></script>
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/libro/crear.js")}}" type="text/javascript"></script>
@endsection

@section('contenido')


<div class="col-lg-12">
        @include('includes.mensaje')
        @include('includes.form-error')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear Libro</h3>
                <a href="{{route('libro')}}" class="btn btn-info btn-sm pull-right">Listado</a>
            </div>
            <form action="{{route('guardar_libro')}}" id="form-general" class="form-horizontal" method="POST" autocomplete="off" enctype="multipart/form-data">
                @csrf
                <div class="box-body">
                    @include('libro.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-crear')
                    </div>
                </div>
            </form>
        </div>
    </div>


```

```
resources\views\libro\editar.blade.php
```

```
@extends("theme.$theme.layout")
@section('titulo')
Libros
@endsection

@section("styles")
<link href="{{asset("assets/js/bootstrap-fileinput/css/fileinput.min.css")}}" rel="stylesheet"
type="text/css"/>
@endsection

@section("scriptsPlugins")
<script src="{{asset("assets/js/bootstrap-fileinput/js/fileinput.min.js")}}"
type="text/javascript"></script>
<script src="{{asset("assets/js/bootstrap-fileinput/js/locales/es.js")}}"
type="text/javascript"></script>
<script src="{{asset("assets/js/bootstrap-fileinput/themes/fas/theme.min.js")}}"
type="text/javascript"></script>
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/libro/crear.js")}}" type="text/javascript"></script>
@endsection

@section('contenido')


@include('includes.mensaje')
@include('includes.form-error')


### Editar Libro {{$data->titulo}}

Listado


<form action="{{route('actualizar_libro', $data->id)}}" id="form-general" class="form-horizontal" method="POST" autocomplete="off" enctype="multipart/form-data">
@csrf @method("put")


@include('libro.form')



</div>


@include('includes.boton-form-editar')


</form>


```

resources\views\libro\form.blade.php

```
<div class="form-group">
    <label for="titulo" class="col-lg-3 control-label requerido">Título</label>
    <div class="col-lg-8">
        <input type="text" name="titulo" id="titulo" class="form-control" value="{{old('titulo', $data->titulo ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="isbn" class="col-lg-3 control-label requerido">ISBN</label>
    <div class="col-lg-8">
        <input type="text" name="isbn" id="isbn" class="form-control" value="{{old('isbn', $data->isbn ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="autor" class="col-lg-3 control-label requerido">Autor</label>
    <div class="col-lg-8">
        <input type="text" name="autor" id="autor" class="form-control" value="{{old('autor', $data->autor ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="cantidad" class="col-lg-3 control-label requerido">Cantidad</label>
    <div class="col-lg-8">
        <input type="number" name="cantidad" id="cantidad" class="form-control" value="{{old('cantidad', $data->cantidad ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="editorial" class="col-lg-3 control-label">Editorial</label>
    <div class="col-lg-8">
        <input type="text" name="editorial" id="editorial" class="form-control" value="{{old('editorial', $data->editorial ?? '')}}"/>
    </div>
</div>
<div class="form-group">
    <label for="foto" class="col-lg-3 control-label">Foto</label>
    <div class="col-lg-5">
        <input type="file" name="foto_up" id="foto" data-initial-preview="{{isset($data->foto) ? Storage::url("imagenes/caratulas/$data->foto") : "http://www.placehold.it/200x150/EFEFEF/AAAAAA&text=Caratula+Libro"}}" accept="image/*"/>
    </div>
</div>
```

## resources\views\libro\ver.blade.php

```
<div>{{$libro->título}}</div>
<div>{{$libro->isbn}}</div>
<div>{{$libro->autor}}</div>
<div>foto")}}" alt="Caratula del libro"></div>
```

## routes\web.php

```
<?php

Route::get('/', 'InicioController@index')->name('inicio');
Route::get('seguridad/login', 'Seguridad\LoginController@index')->name('login');
Route::post('seguridad/login', 'Seguridad\LoginController@login')->name('login_post');
Route::get('seguridad/logout', 'Seguridad\LoginController@logout')->name('logout');
Route::post('ajax-sesion', 'AjaxController@setSession')->name('ajax')->middleware('auth');

Route::group(['prefix' => 'admin', 'namespace' => 'Admin', 'middleware' => ['auth', 'superadmin']], function ()
{
    Route::get("", 'AdminController@index');
    /*RUTAS DE PERMISO*/
    Route::get('permiso', 'PermisoController@index')->name('permiso');
    Route::get('permiso/crear', 'PermisoController@crear')->name('crear_permiso');
    Route::post('permiso', 'PermisoController@guardar')->name('guardar_permiso');
    Route::get('permiso/{id}/editar', 'PermisoController@editar')->name('editar_permiso');
    Route::put('permiso/{id}', 'PermisoController@actualizar')->name('actualizar_permiso');
    Route::delete('permiso/{id}', 'PermisoController@eliminar')->name('eliminar_permiso');
    /*RUTAS DEL MENU*/
    Route::get('menu', 'MenuController@index')->name('menu');
    Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');
    Route::post('menu', 'MenuController@guardar')->name('guardar_menu');
    Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');
    Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');
    Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');
    Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');
    /*RUTAS ROL*/
    Route::get('rol', 'RolController@index')->name('rol');
    Route::get('rol/crear', 'RolController@crear')->name('crear_rol');
    Route::post('rol', 'RolController@guardar')->name('guardar_rol');
    Route::get('rol/{id}/editar', 'RolController@editar')->name('editar_rol');
    Route::put('rol/{id}', 'RolController@actualizar')->name('actualizar_rol');
    Route::delete('rol/{id}', 'RolController@eliminar')->name('eliminar_rol');
    /*RUTAS MENU_ROL*/
    Route::get('menu-rol', 'MenuRolController@index')->name('menu_rol');
    Route::post('menu-rol', 'MenuRolController@guardar')->name('guardar_menu_rol');
    /*RUTAS PERMISO_ROL*/
    Route::get('permiso-rol', 'PermisoRolController@index')->name('permiso_rol');
    Route::post('permiso-rol', 'PermisoRolController@guardar')->name('guardar_permiso_rol');
});

Route::get('libro', 'LibroController@index')->name('libro');
Route::get('libro/crear', 'LibroController@crear')->name('crear_libro');
Route::post('libro', 'LibroController@guardar')->name('guardar_libro');
Route::post('libro/{libro}', 'LibroController@ver')->name('ver_libro');
Route::get('libro/{id}/editar', 'LibroController@editar')->name('editar_libro');
Route::put('libro/{id}', 'LibroController@actualizar')->name('actualizar_libro');
Route::delete('libro/{id}', 'LibroController@eliminar')->name('eliminar_libro');
```

## - Crie o menu Libros

The screenshot shows the AdminLTE dashboard with the title "Menú | tutorialesvirtuales". The left sidebar is titled "AdminLTE" and includes a user profile for "Alexander Pierce" (Online), a search bar, and navigation links for "Menú Principal", "Admin", "Menu", "Menu-Rol", "Permiso", "Permiso-Rol", "Roles", and "Libros". The main content area is titled "Menús" and displays a list of menu items with icons and URLs:

Nombre	URL	Icono
Admin   Url -> admin/admin	admin/admin	gear
Menu   Url -> admin/menu	admin/menu	list
Menu-Rol   Url -> admin/menu-rol	admin/menu-rol	grid
Permiso   Url -> admin/permiso	admin/permiso	document
Permiso-Rol   Url -> admin/permiso-rol	admin/permiso-rol	double arrow
Roles   Url -> admin/rol	admin/rol	suitcase
Libros   Url -> libro	libro	book
Usuario   Url -> admin/usuario	admin/usuario	people

A green button labeled "Crear menú" is located in the top right corner.

The screenshot shows the AdminLTE dashboard with the title "Permiso - Rol | tutorialesvirtuales". The left sidebar is identical to the previous screenshot. The main content area is titled "Permiso - Rol" and displays a table with four columns: "Permiso", "administrador", "editor", and "supervisor". The rows represent different book-related permissions:

Permiso	administrador	editor	supervisor
Prestar libros	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Editar libros	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Crear libros	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Listar libros	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Instalando e configurando o redis

- Desative o Redis no Laragon.

- Baixe o Redis em:

<https://github.com/MicrosoftArchive/redis/releases>

- Instale o Redis

.env

```
APP_NAME=biblioteca
APP_ENV=local
APP_KEY=base64:mi/sUdxQecX0R9xQuVXSJKJZ8zfC4BqrWKk30gyFrOs=
APP_DEBUG=true
APP_URL=http://localhost

LOG_CHANNEL=stack

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

BROADCAST_DRIVER=log
CACHE_DRIVER=redis
QUEUE_CONNECTION=sync
SESSION_DRIVER=file
SESSION_LIFETIME=120

REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379

MAIL_DRIVER=smtp
MAIL_HOST=smtp.mailtrap.io
MAIL_PORT=2525
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null

AWS_ACCESS_KEY_ID=
AWS_SECRET_ACCESS_KEY=
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=

PUSHER_APP_ID=
PUSHER_APP_KEY=
PUSHER_APP_SECRET=
PUSHER_APP_CLUSTER=mt1

MIX_PUSHER_APP_KEY="${PUSHER_APP_KEY}"
MIX_PUSHER_APP_CLUSTER="${PUSHER_APP_CLUSTER}"
```

composer require predis/predis

```
C:\laragon\www\biblioteca
\ composer require predis/predis
Using version ^1.1 for predis/predis
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Nothing to install or update
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
```

## config\database.php

```
<?php

use Illuminate\Support\Str;

return [

/*
| -----
| Default Database Connection Name
| -----
|
| Here you may specify which of the database connections below you wish
| to use as your default connection for all database work. Of course
| you may use many connections at once using the Database library.
|
*/
'default' => env('DB_CONNECTION', 'mysql'),

/*
| -----
| Database Connections
| -----
|
| Here are each of the database connections setup for your application.
| Of course, examples of configuring each database platform that is
| supported by Laravel is shown below to make development simple.
|
|
| All database work in Laravel is done through the PHP PDO facilities
| so make sure you have the driver for your particular database of
| choice installed on your machine before you begin development.
|
*/
'connections' => [
    'sqlite' => [
        'driver' => 'sqlite',
        'url' => env('DATABASE_URL'),
        'database' => env('DB_DATABASE', database_path('database.sqlite')),
        'prefix' => '',
    ],
]
```

```

'foreign_key_constraints' => env('DB_FOREIGN_KEYS', true),
],  

'mysql' => [  

    'driver' => 'mysql',  

    'url' => env('DATABASE_URL'),  

    'host' => env('DB_HOST', '127.0.0.1'),  

    'port' => env('DB_PORT', '3306'),  

    'database' => env('DB_DATABASE', 'forge'),  

    'username' => env('DB_USERNAME', 'forge'),  

    'password' => env('DB_PASSWORD', ""),  

    'unix_socket' => env('DB_SOCKET', ""),  

    'charset' => 'utf8mb4',  

    'collation' => 'utf8mb4_unicode_ci',  

    'prefix' => "",  

    'prefix_indexes' => true,  

    'strict' => true,  

    'engine' => null,  

    'options' => extension_loaded('pdo_mysql') ? array_filter([  

        PDO::MYSQL_ATTR_SSL_CA => env('MYSQL_ATTR_SSL_CA'),  

    ]) : [],  

],  

'pgsql' => [  

    'driver' => 'pgsql',  

    'url' => env('DATABASE_URL'),  

    'host' => env('DB_HOST', '127.0.0.1'),  

    'port' => env('DB_PORT', '5432'),  

    'database' => env('DB_DATABASE', 'forge'),  

    'username' => env('DB_USERNAME', 'forge'),  

    'password' => env('DB_PASSWORD', ""),  

    'charset' => 'utf8',  

    'prefix' => "",  

    'prefix_indexes' => true,  

    'schema' => 'public',  

    'sslmode' => 'prefer',  

],  

'sqlsrv' => [  

    'driver' => 'sqlsrv',  

    'url' => env('DATABASE_URL'),  

    'host' => env('DB_HOST', 'localhost'),  

    'port' => env('DB_PORT', '1433'),  

    'database' => env('DB_DATABASE', 'forge'),  

    'username' => env('DB_USERNAME', 'forge'),  

    'password' => env('DB_PASSWORD', ""),  

    'charset' => 'utf8',  

    'prefix' => "",  

    'prefix_indexes' => true,  

],  

/*  

|-----  

| Migration Repository Table  

|-----  

|  

| This table keeps track of all the migrations that have already run for  

| your application. Using this information, we can determine which of  

| the migrations on disk haven't actually been run in the database.  

|

```

```

*/
'migrations' => 'migrations',
/*
|-----
| Redis Databases
|-----
|
| Redis is an open source, fast, and advanced key-value store that also
| provides a richer body of commands than a typical key-value system
| such as APC or Memcached. Laravel makes it easy to dig right in.
|
*/
'redis' => [
    'client' => env('REDIS_CLIENT', 'predis'),
    'options' => [
        'cluster' => env('REDIS_CLUSTER', 'redis'),
        'prefix' => env('REDIS_PREFIX', Str::slug(env('APP_NAME', 'laravel'), '_').'_database_'),
    ],
    'default' => [
        'url' => env('REDIS_URL'),
        'host' => env('REDIS_HOST', '127.0.0.1'),
        'password' => env('REDIS_PASSWORD', null),
        'port' => env('REDIS_PORT', 6379),
        'database' => env('REDIS_DB', 0),
    ],
    'cache' => [
        'url' => env('REDIS_URL'),
        'host' => env('REDIS_HOST', '127.0.0.1'),
        'password' => env('REDIS_PASSWORD', null),
        'port' => env('REDIS_PORT', 6379),
        'database' => env('REDIS_CACHE_DB', 1),
    ],
],
];

```

```

C:\laragon\www\biblioteca
λ redis-cli
127.0.0.1:6379> flushall
OK
127.0.0.1:6379> exit

```

Permiso - Rol | tutorialesvirtuales

biblioteca.test/admin/permiso-rol

## AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Admin

Menu

Menu-Rol

Permiso

### Permiso - Rol

Permiso	administrador	editor	supervisor
Prestar libros	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Editar libros	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Crear libros	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Listar libros	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Biblioteca | Login

biblioteca.test/seguridad/login

# Biblioteca

Inicio su session

rat

.....

Login

Libros | tutorialesvirtuales

biblioteca.test/libro

## AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Libros

### Libros

+ Nuevo registro

Título	Cantidad
--------	----------

# Aula 31 - Cache em Laravel

app\Helpers\biblioteca.php

```
<?php

use App\Models\Admin\Permiso;
use Illuminate\Database\Eloquent\Builder;

if (!function_exists('getMenuActivo')) {
    function getMenuActivo($ruta)
    {
        if (request()->is($ruta) || request()->is($ruta . '/*)) {
            return 'active';
        } else {
            return '';
        }
    }
}

if (!function_exists('canUser')) {
    function can($permiso, $redirect = true)
    {
        if (session()->get('rol_nombre') == 'administrador') {
            return true;
        } else {
            $rolId = session()->get('rol_id');
            $permisos = cache()->tags('permiso')->rememberForever("permiso.rolid.$rolId", function
() {
            return Permiso::whereHas('roles', function ($query) {
                $query->where('rol_id', session()->get('rol_id'));
            })->get()->pluck('slug')->toArray();
        });
        if (!in_array($permiso, $permisos)) {
            if ($redirect) {
                if (!request()->ajax())
                    return redirect()->route('inicio')->with('mensaje', 'No tienes permisos para entrar
en este modulo')->send();
                abort(403, 'No tiene permiso');
            } else {
                return false;
            }
        }
        return true;
    }
}
}
```

app\Http\Controllers\Admin\PermisoRolController.php

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Admin\Permiso;
use App\Models\Admin\Rol;

class PermisoRolController extends Controller
{
    public function index()
    {
        $rols = Rol::orderBy('id')->pluck('nombre', 'id')->toArray();
        $permisos = Permiso::get();
        $permisosRols = Permiso::with('roles')->get()->pluck('roles', 'id')->toArray();
        return view('admin.permiso-rol.index', compact('rols', 'permisos', 'permisosRols'));
    }

    public function guardar(Request $request)
    {
        if ($request->ajax()) {
            cache()->tags('permiso')->flush();
            $permisos = new Permiso();
            if ($request->input('estado') == 1) {
                $permisos->find($request->input('permiso_id'))->roles()->attach($request->input('rol_id'));
                return response()->json(['respuesta' => 'El rol se asigno correctamente']);
            } else {
                $permisos->find($request->input('permiso_id'))->roles()->detach($request->input('rol_id'));
                return response()->json(['respuesta' => 'El rol se elimino correctamente']);
            }
        } else {
            abort(404);
        }
    }
}
```

# Aula 34 - CRUD Usuário I

Menú	administrador	editor	supervisor
Admin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Usuario	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Menu	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Menu-Rol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Permiso	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Permiso-Rol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Roles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Libros	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

routes\web.php

```
<?php

Route::get('/', 'InicioController@index')->name('inicio');
Route::get('seguridad/login', 'Seguridad\LoginController@index')->name('login');
Route::post('seguridad/login', 'Seguridad\LoginController@login')->name('login_post');
Route::get('seguridad/logout', 'Seguridad\LoginController@logout')->name('logout');
Route::post('ajax-sesion', 'AjaxController@setSession')->name('ajax')->middleware('auth');

Route::group(['prefix' => 'admin', 'namespace' => 'Admin', 'middleware' => ['auth', 'superadmin']], function () {
    Route::get("", 'AdminController@index');
    /*RUTAS DE USUARIO*/
    Route::get('usuario', 'UsuarioController@index')->name('usuario');
    Route::get('usuario/crear', 'UsuarioController@crear')->name('crear_usuario');
    Route::post('usuario', 'UsuarioController@guardar')->name('guardar_usuario');
    Route::get('usuario/{id}/editar', 'UsuarioController@editar')->name('editar_usuario');
    Route::put('usuario/{id}', 'UsuarioController@actualizar')->name('actualizar_usuario');
    Route::delete('usuario/{id}', 'UsuarioController@eliminar')->name('eliminar_usuario');
    /*RUTAS DE PERMISO*/
    Route::get('permiso', 'PermisoController@index')->name('permiso');
    Route::get('permiso/crear', 'PermisoController@crear')->name('crear_permiso');
    Route::post('permiso', 'PermisoController@guardar')->name('guardar_permiso');
```

```

Route::get('permiso/{id}/editar', 'PermisoController@editar')->name('editar_permiso');
Route::put('permiso/{id}', 'PermisoController@actualizar')->name('actualizar_permiso');
Route::delete('permiso/{id}', 'PermisoController@eliminar')->name('eliminar_permiso');
/*RUTAS DEL MENU*/
Route::get('menu', 'MenuController@index')->name('menu');
Route::get('menu/crear', 'MenuController@crear')->name('crear_menu');
Route::post('menu', 'MenuController@guardar')->name('guardar_menu');
Route::get('menu/{id}/editar', 'MenuController@editar')->name('editar_menu');
Route::put('menu/{id}', 'MenuController@actualizar')->name('actualizar_menu');
Route::get('menu/{id}/eliminar', 'MenuController@eliminar')->name('eliminar_menu');
Route::post('menu/guardar-orden', 'MenuController@guardarOrden')->name('guardar_orden');
/*RUTAS ROL*/
Route::get('rol', 'RolController@index')->name('rol');
Route::get('rol/crear', 'RolController@crear')->name('crear_rol');
Route::post('rol', 'RolController@guardar')->name('guardar_rol');
Route::get('rol/{id}/editar', 'RolController@editar')->name('editar_rol');
Route::put('rol/{id}', 'RolController@actualizar')->name('actualizar_rol');
Route::delete('rol/{id}', 'RolController@eliminar')->name('eliminar_rol');
/*RUTAS MENU_ROL*/
Route::get('menu-rol', 'MenuRolController@index')->name('menu_rol');
Route::post('menu-rol', 'MenuRolController@guardar')->name('guardar_menu_rol');
/*RUTAS PERMISO_ROL*/
Route::get('permiso-rol', 'PermisoRolController@index')->name('permiso_rol');
Route::post('permiso-rol', 'PermisoRolController@guardar')->name('guardar_permiso_rol');

});

Route::get('libro', 'LibroController@index')->name('libro');
Route::get('libro/crear', 'LibroController@crear')->name('crear_libro');
Route::post('libro', 'LibroController@guardar')->name('guardar_libro');
Route::post('libro/{libro}', 'LibroController@ver')->name('ver_libro');
Route::get('libro/{id}/editar', 'LibroController@editar')->name('editar_libro');
Route::put('libro/{id}', 'LibroController@actualizar')->name('actualizar_libro');
Route::delete('libro/{id}', 'LibroController@eliminar')->name('eliminar_libro');

```

## Criando o controller UsuarioController

`php artisan make:controller Admin/UsuarioController -r`

```

C:\laragon\www\biblioteca
λ php artisan make:controller Admin/UsuarioController -r
Controller created successfully.

```

`app\Http\Controllers\Admin\UsuarioController.php`

```

<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Seguridad\Usuario;
use App\Models\Admin\Rol;
use App\Http\Requests\ValidacionUsuario;

```

```
class UsuarioController extends Controller
{
    public function index()
    {
        $datas = Usuario::with('roles:id,nombre')->orderBy('id')->get();
        return view('admin.usuario.index', compact('datas'));
    }

    public function crear()
    {
        $rols = Rol::orderBy('id')->pluck('nombre', 'id')->toArray();
        return view('admin.usuario.crear', compact('rols'));
    }

    public function guardar(ValidacionUsuario $request)
    {
        $usuario = Usuario::create($request->all());
        $usuario->roles()->sync($request->rol_id);
        return redirect('admin/usuario')->with('mensaje', 'Usuario creado con exito');
    }

    public function editar($id)
    {
    }

    public function actualizar(ValidacionUsuario $request, $id)
    {
    }

    public function eliminar(Request $request, $id)
    {
    }
}
```

public\assets\pages\scripts\admin\usuario\crear.js

```
$(document).ready(function () {
    const reglas = {
        re_password: {
            equalTo: "#password"
        }
    };
    const mensajes = {
        re_password:
        {
            equalTo: 'Las contraseñas no coinciden'
        }
    };
    Biblioteca.validacionGeneral('form-general', reglas, mensajes);
    $('#password').on('change', function(){
        const valor = $(this).val();
        if(valor != ""){
            $('#re_password').prop('required', true);
        }else{
            $('#re_password').prop('required', false);
        }
    });
});
```

## Criando validação de usuários

```
php artisan make:request ValidacionUsuario
```

```
C:\laragon\www\biblioteca
λ php artisan make:request ValidacionUsuario
Request created successfully.
```

app\Http\Requests\ValidacionUsuario.php

```
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class ValidacionUsuario extends FormRequest
{
    public function authorize()
    {
        return true;
    }

    public function rules()
    {
        return [
            'usuario' => 'required|max:50|unique:usuario,usuario,' . $this->route('id'),
            'nombre' => 'required|max:50',
            'email' => 'required|email|max:100|unique:usuario,email,' . $this->route('id'),
            'password' => 'nullable|min:5',
            're_password' => 'nullable|required_with:password|min:5|same:password',
            'rol_id' => 'required|array'
        ];
    }
}
```

## Criando uma migration para inserir o campo email na tabela usuario

```
php artisan make:migration modificar_tabla_usuario --table=usuario
```

```
C:\laragon\www\biblioteca
λ php artisan make:migration modificar_tabla_usuario --table=usuario
Created Migration: 2019_11_29_030133_modificar_tabla_usuario
```

database\migrations\2019\_11\_29\_030133\_modificar\_tabla\_usuario.php

```
<?php

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

class ModificarTablaUsuario extends Migration
{
    public function up()
    {
        Schema::table('usuario', function (Blueprint $table) {
            $table->string('email', 100)->unique()->after('nombre');
        });
    }

    public function down()
    {
        Schema::table('usuario', function (Blueprint $table) {
            $table->dropColumn('email');
        });
    }
}
```

- Na migration e na tabela usuario\_rol apagar o campo estado

#### database\migrations\2019\_11\_17\_211117\_crear\_tabla\_usuario\_rol.php

```
<?php

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

class CrearTablaUsuarioRol extends Migration
{
    public function up()
    {
        Schema::create('usuario_rol', function (Blueprint $table) {
            $table->increments('id');
            $table->unsignedInteger('rol_id');
            $table->foreign('rol_id', 'fk_usuariorol_rol')->references('id')->on('rol')-
>onDelete('restrict')->onUpdate('restrict');
            $table->unsignedInteger('usuario_id');
            $table->foreign('usuario_id', 'fk_usuariorol_usuario')->references('id')->on('usuario')-
>onDelete('restrict')->onUpdate('restrict');
            $table->boolean('estado');
            $table->timestamps();
            $table->charset = 'utf8mb4';
            $table->collation = 'utf8mb4_spanish_ci';
        });
    }

    public function down()
    {
        Schema::dropIfExists('usuario_rol');
    }
}
```

#### database\seeds\UsuarioAdministradorSeeder.php

```
<?php

use Illuminate\Database\Seeder;
use App\Models\Seguridad\Usuario;
use Illuminate\Support\Facades\Hash;

class UsuarioAdministradorSeeder extends Seeder
{
    public function run()
    {
        DB::table('usuario')->insert([
            'usuario' => 'admin',
            'nombre' => 'Administrador',
            'email' => 'prueba@gmail.com',
            'password' => bcrypt('pass123')
        ]);
    }
}
```

```

DB::table('usuario_rol')->insert([
    'rol_id' => 1,
    'usuario_id' => 1
]);
}

}

database\seeds\TablaPermisoSeeder.php

<?php

use Illuminate\Database\Seeder;
use App\Models\Admin\Permiso;

class TablaPermisoSeeder extends Seeder
{
    public function run()
    {
        // factory(Permiso::class)->times(50)->create();
        DB::table('permiso')->insert([
            'nombre' => 'Prestar libros',
            'slug' => 'prestar-libros',
        ]);

        DB::table('permiso')->insert([
            'nombre' => 'Crear libros',
            'slug' => 'crear-libros',
        ]);

        DB::table('permiso')->insert([
            'nombre' => 'Editar libros',
            'slug' => 'editar-libros',
        ]);

        DB::table('permiso')->insert([
            'nombre' => 'Listar libros',
            'slug' => 'listar-libros',
        ]);
    }
}

```

**php artisan db:seed**

```

C:\laragon\www\biblioteca
λ php artisan db:seed
Seeding: TablaRolSeeder
Seeded: TablaRolSeeder (0.11 seconds)
Seeding: TablaPermisoSeeder
Seeded: TablaPermisoSeeder (0.22 seconds)
Seeding: UsuarioAdministradorSeeder
Seeded: UsuarioAdministradorSeeder (0.23 seconds)
Database seeding completed successfully.

```

Showing rows 0 - 0 (1 total, Query took 0.0035 seconds.)

```
SELECT * FROM `usuario`
```

Profiling [Edit inline] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25  Filter rows: Search this table

+ Options  
← ↑ → ▾ id usuario password nombre email created\_at updated\_at  
  Edit  Copy  Delete 1 admin \$2y\$10\$h0kaA2Grr6NSMr6HWh1tGuBA22yYvYj3hbN0nc/75K... Administrador prueban@gmail.com NULL NULL

## Views - Usuario

resources\views\admin\usuario\index.blade.php

```

        {{ $loop->last ? $rol->nombre : $rol->nombre . ', '}}
    @endforeach
    </td>
    <td>
        <a href="{{ route('editar_usuario', ['id' => $data->id]) }}" class="btn-accion-tabla tooltipsC" title="Editar este registro">
            <i class="fa fa-fw fa-pencil"></i>
        </a>
        <form action="{{ route('eliminar_usuario', ['id' => $data->id]) }}" class="d-inline form-eliminar" method="POST">
            @csrf @method("delete")
            <button type="submit" class="btn-accion-tabla eliminar tooltipsC" title="Eliminar este registro">
                <i class="fa fa-fw fa-trash text-danger"></i>
            </button>
        </form>
    </td>
</tr>
@endforeach

</tbody>
</table>
</div>
</div>
</div>
</div>
@endsection

```

## resources\views\admin\usuario\crear.blade.php

```

@extends("theme.$theme.layout")
@section('titulo')
    Usuarios
@endsection

@section("scripts")
<script src="{{ asset("assets/pages/scripts/admin/usuario/crear.js") }}">
</script>
@endsection

@section('contenido')


<div class="col-lg-12">
        @include('includes.form-error')
        @include('includes.mensaje')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear usuario</h3>
                <div class="box-tools pull-right">
                    <a href="{{ route('usuario') }}" class="btn btn-block btn-info btn-sm">
                        <i class="fa fa-fw fa-reply-all"></i> Volver al listado
                    </a>
                </div>
            </div>
            <form action="{{ route('guardar_usuario') }}" id="form-general" class="form-horizontal" method="POST" autocomplete="off">


```

```

@csrf
<div class="box-body">
    @include('admin.usuario.form')
</div>
<div class="box-footer">
    <div class="col-lg-3"></div>
    <div class="col-lg-6">
        @include('includes.boton-form-crear')
    </div>
</div>
</form>
</div>
</div>
</div>
@endsection

```

### **resources\views\admin\usuario\form.blade.php**

```

<div class="form-group">
    <label for="nombre" class="col-lg-3 control-label requerido">Nombre</label>
    <div class="col-lg-8">
        <input type="text" name="nombre" id="nombre" class="form-control" value="{{old('nombre', $data->nombre ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="usuario" class="col-lg-3 control-label requerido">Usuario</label>
    <div class="col-lg-8">
        <input type="text" name="usuario" id="usuario" class="form-control" value="{{old('usuario', $data->usuario ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="email" class="col-lg-3 control-label requerido">E-Mail</label>
    <div class="col-lg-8">
        <input type="email" name="email" id="email" class="form-control" value="{{old('email', $data->email ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="password" class="col-lg-3 control-label {{!isset($data) ? 'requerido' : ''}}>Contraseña</label>
    <div class="col-lg-8">
        <input type="password" name="password" id="password" class="form-control" value="" {{!isset($data) ? 'required' : ''}} minlength="5"/>
    </div>
</div>
<div class="form-group">
    <label for="re_password" class="col-lg-3 control-label {{!isset($data) ? 'requerido' : ''}}>Repita Contraseña</label>
    <div class="col-lg-8">
        <input type="password" name="re_password" id="re_password" class="form-control" value="" {{!isset($data) ? 'required' : ''}} minlength="5"/>
    </div>
</div>
<div class="form-group">

```

```

<label for="rol_id" class="col-lg-3 control-label requerido">Rol</label>
<div class="col-lg-8">
    <select name="rol_id[]" id="rol_id" class="form-control" multiple required>
        <option value="">Seleccione el rol</option>
        @foreach($rols as $id => $nombre)
            <option
                value="{{ $id }}"
                {{ is_array(old('rol_id')) ? in_array($id, old('rol_id')) ? 'selected' : '' : (isset($data) ? ($data->roles->firstWhere('id', $id) ? 'selected' : '') )}}
            >
                {{$nombre}}
            </option>
        @endforeach
    </select>
</div>
</div>

```

- Inserir um novo usuário como editor:

Crear usuario

Nombre *	Roosvelt
Usuario *	rat
E-Mail *	rgt90@hotmail.com
Contraseña *	*****
Repita Contraseña *	*****
Rol *	Selecione el rol administrador <b>editor</b> supervisor

Cancel Guardar

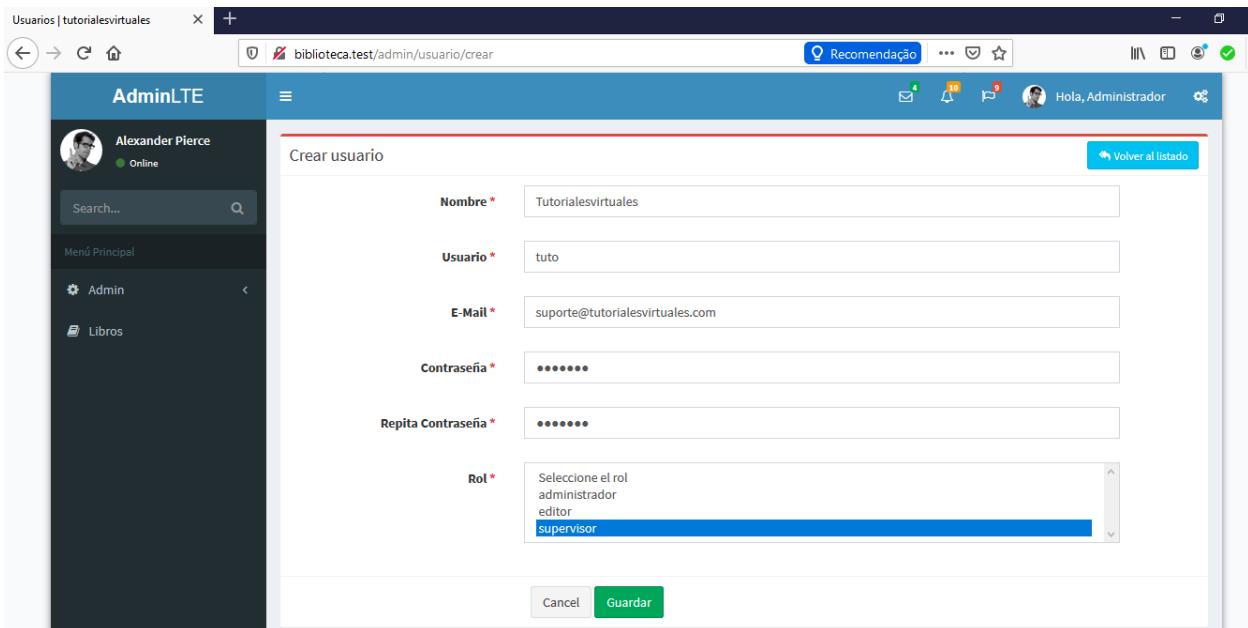
Usuarios

Usuario	Nombre	Email	Roles	
admin	Administrador	admin@gmail.com	administrador	
rat	Roosvelt	rgt90@hotmail.com	editor	

Nuevo registro

# Aula 35 - CRUD Usuário II

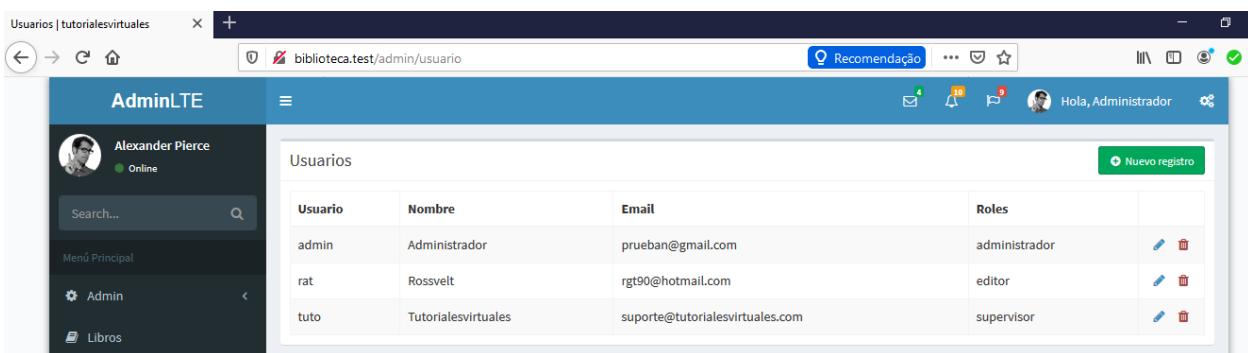
- Criar um novo usuário como supervisor:



The screenshot shows the 'Crear usuario' (Create User) form in the AdminLTE interface. The user is being created with the following details:

- Nombre: Tutorialesvirtuales
- Usuario: tuto
- E-Mail: suporte@tutorialesvirtuales.com
- Contraseña: (redacted)
- Repita Contraseña: (redacted)
- Rol: supervisor (selected from a dropdown menu)

The 'Guardar' (Save) button is visible at the bottom right of the form.



The screenshot shows the 'Usuarios' (Users) list table in the AdminLTE interface. The table displays the following users:

Usuario	Nombre	Email	Roles
admin	Administrador	prueban@gmail.com	administrador
rat	Rossvelt	rgt90@hotmail.com	editor
tuto	Tutorialesvirtuales	suporte@tutorialesvirtuales.com	supervisor

```
app\Http\Controllers\Admin\UsuarioController.php
```

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Seguridad\Usuario;
use App\Models\Admin\Rol;
use App\Http\Requests\ValidacionUsuario;

class UsuarioController extends Controller
{

    public function index()
    {
        $datas = Usuario::with('roles:id,nombre')->orderBy('id')->get();
        return view('admin.usuario.index', compact('datas'));
    }

    public function crear()
    {
        $rols = Rol::orderBy('id')->pluck('nombre', 'id')->toArray();
        return view('admin.usuario.crear', compact('rols'));
    }

    public function guardar(ValidacionUsuario $request)
    {
        $usuario = Usuario::create($request->all());
        $usuario->roles()->sync($request->rol_id);
        return redirect('admin/usuario')->with('mensaje', 'Usuario creado con exito');
    }

    public function editar($id)
    {
        $rols = Rol::orderBy('id')->pluck('nombre', 'id')->toArray();
        $data = Usuario::with('roles')->findOrFail($id);
        return view('admin.usuario.editar', compact('data', 'rols'));
    }

    public function actualizar(ValidacionUsuario $request, $id)
    {
        $usuario = Usuario::findOrFail($id);
        $usuario->update(array_filter($request->all()));
        $usuario->roles()->sync($request->rol_id);
        return redirect('admin/usuario')->with('mensaje', 'Usuario actualizado con exito');
    }

    public function eliminar(Request $request, $id)
    {
    }
}
```

resources\views\admin\usuario\editar.blade.php

```
@extends("theme.$theme.layout")
@section('titulo')
    Usuarios
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/admin/usuario/crear.js")}}"
type="text/javascript"></script>
@endsection

@section('contenido')
<div class="row">
    <div class="col-lg-12">
        @include('includes.form-error')
        @include('includes.mensaje')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Editar Usuario {{ $data->nombre }}</h3>
                <div class="box-tools pull-right">
                    <a href="{{route('usuario')}}" class="btn btn-block btn-info btn-sm">
                        <i class="fa fa-fw fa-reply-all"></i> Volver al listado
                    </a>
                </div>
            </div>
            <form action="{{route('actualizar_usuario', ['id' => $data->id])}}" id="form-general"
class="form-horizontal" method="POST" autocomplete="off">
                @csrf @method("put")
                <div class="box-body">
                    @include('admin.usuario.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-editar')
                    </div>
                </div>
            </form>
        </div>
    </div>
</div>
@endsection
```

public\assets\pages\scripts\admin\usuario\crear.js

```
$(document).ready(function () {
    const reglas = {
        re_password: {
            equalTo: "#password"
        }
    };
    const mensajes = {
        re_password:
    {
```

```

        equalTo: 'Las contraseñas no coinciden'
    }
};

Biblioteca.validacionGeneral('form-general', reglas, mensajes);
$('#password').on('change', function(){
    const valor = $(this).val();
    if(valor != ""){
        $('#re_password').prop('required', true);
    }else{
        $('#re_password').prop('required', false);
    }
});
});
});

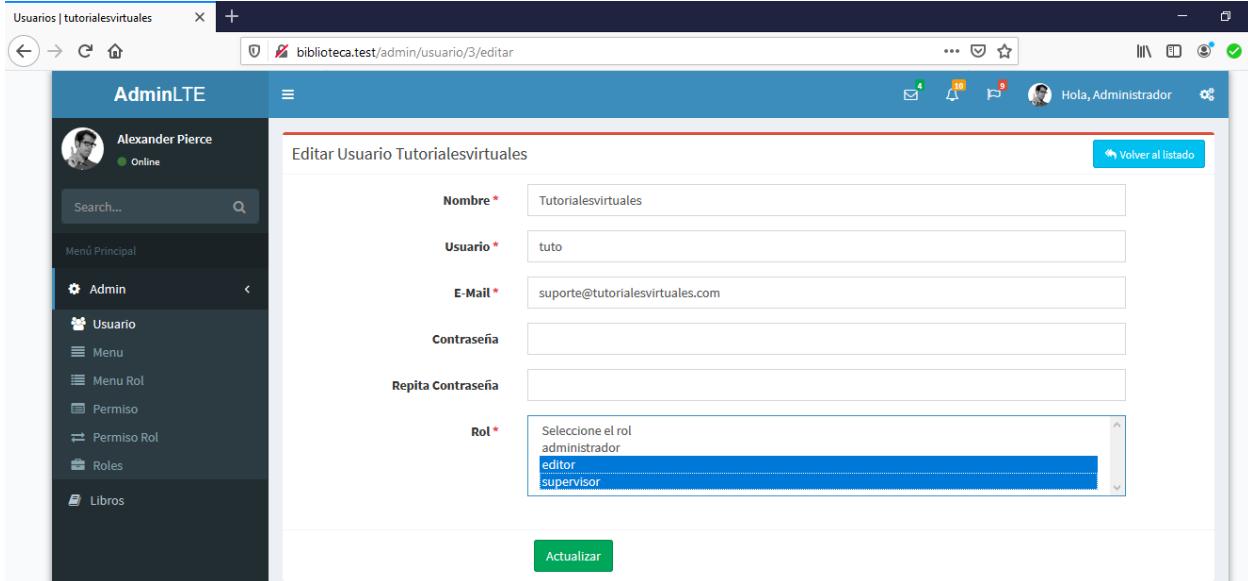
```

The screenshot shows the 'AdminLTE' user edit interface. The left sidebar has 'Admin' selected under 'Usuario'. The main form is titled 'Editar Usuario Tutorialesvirtuales'. It contains fields for Nombre (Tutorialesvirtuales), Usuario (tuto), E-Mail (suporte@tutorialesvirtuales.com), Contraseña (redacted), Repita Contraseña (redacted), and Rol (supervisor selected). A red error message 'Por favor, no escribas menos de 5 caracteres.' is displayed below the password field.

This screenshot is identical to the one above, showing the same user edit form. However, the 'Contraseña' field now contains six asterisks ('\*\*\*\*\*'), and the 'Repita Contraseña' field also contains six asterisks ('\*\*\*\*\*'). A new error message 'Las contraseñas no coinciden' (The passwords do not match) is displayed below the password fields.

# Aula 35 - CRUD Usuário III

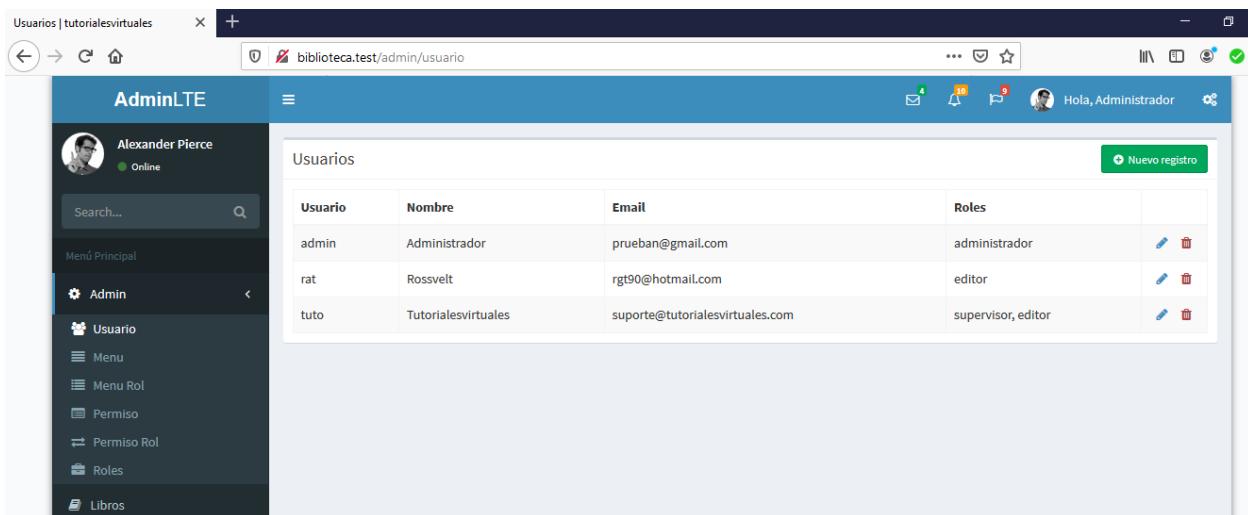
## Atribuindo múltiplos roles



The screenshot shows the 'Edit User' form for 'Tutorialesvirtuales'. The 'Roles' dropdown menu is open, displaying three options: 'administrador', 'editor', and 'supervisor'. The 'supervisor' role is selected.

Nombre *	Tutorialesvirtuales
Usuario *	tuto
E-Mail *	suporte@tutorialesvirtuales.com
Contraseña	[Redacted]
Repita Contraseña	[Redacted]
Rol *	Selecione el rol administrador editor supervisor

**Actualizar**



The screenshot shows the 'Users' list page. The 'tuto' user is listed with the roles 'supervisor, editor' assigned.

Usuario	Nombre	Email	Roles
admin	Administrador	prueban@gmail.com	administrador
rat	Rossvelt	rqt90@hotmail.com	editor
tuto	Tutorialesvirtuales	suporte@tutorialesvirtuales.com	supervisor, editor

Crear usuario

Nombre *	Sara
Usuario *	sara
E-Mail *	sara@prueba.com
Contraseña *	*****
Repita Contraseña *	*****
Rol *	Selecione el rol administrador editor supervisor

[Volver al listado](#)

Usuarios

Usuario	Nombre	Email	Roles
admin	Administrador	prueban@gmail.com	administrador
rat	Rossvelt	rgt90@hotmail.com	editor
tuto	Tutorialesvirtuales	suporte@tutorialesvirtuales.com	supervisor, editor
sara	Sara	sara@prueba.com	administrador, editor, supervisor
			<a href="#">Nuevo registro</a>

## resources\views\admin\usuario\form.blade.php

```

<div class="form-group">
    <label for="nombre" class="col-lg-3 control-label requerido">Nombre</label>
    <div class="col-lg-8">
        <input type="text" name="nombre" id="nombre" class="form-control" value="{{old('nombre', $data->nombre ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="usuario" class="col-lg-3 control-label requerido">Usuario</label>
    <div class="col-lg-8">
        <input type="text" name="usuario" id="usuario" class="form-control" value="{{old('usuario', $data->usuario ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="email" class="col-lg-3 control-label requerido">E-Mail</label>
    <div class="col-lg-8">
        <input type="email" name="email" id="email" class="form-control" value="{{old('email', $data->email ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
```

```

<label for="password" class="col-lg-3 control-label {{!isset($data) ? 'requerido' : ""}}>Contraseña</label>
<div class="col-lg-8">
    <input type="password" name="password" id="password" class="form-control" value="" {{!isset($data) ? 'required' : ""}} minlength="5"/>
</div>
</div>
<div class="form-group">
    <label for="re_password" class="col-lg-3 control-label {{!isset($data) ? 'requerido' : ""}}>Repita Contraseña</label>
    <div class="col-lg-8">
        <input type="password" name="re_password" id="re_password" class="form-control" value="" {{!isset($data) ? 'required' : ""}} minlength="5"/>
    </div>
</div>
<div class="form-group">
    <label for="rol_id" class="col-lg-3 control-label requerido">Rol</label>
    <div class="col-lg-8">
        <select name="rol_id[]" id="rol_id" class="form-control" multiple required>
            <option value="">Seleccione el rol</option>
            @foreach($rols as $id => $nombre)
                <option
                    value="{{ $id }}"
                    {{ is_array(old('rol_id')) ? (in_array($id, old('rol_id')) ? 'selected' : '') : (isset($data) ? ($data->roles->firstWhere('id', $id) ? 'selected' : '') : '') }}>
                    {{ $nombre }}
                </option>
            @endforeach
        </select>
    </div>
</div>

```

## Deletando um usuário com todos os roles

app\Http\Controllers\Admin\UsuarioController.php

```
<?php

namespace App\Http\Controllers\Admin;

use Illuminate\Http\Request;
use App\Http\Controllers\Controller;
use App\Models\Seguridad\Usuario;
use App\Models\Admin\Rol;
use App\Http\Requests\ValidacionUsuario;

class UsuarioController extends Controller
{

    public function index()
    {
        $datas = Usuario::with('roles:id,nombre')->orderBy('id')->get();
        return view('admin.usuario.index', compact('datas'));
    }

    public function crear()
    {
        $rols = Rol::orderBy('id')->pluck('nombre', 'id')->toArray();
        return view('admin.usuario.crear', compact('rols'));
    }

    public function guardar(ValidacionUsuario $request)
    {
        $usuario = Usuario::create($request->all());
        $usuario->roles()->sync($request->rol_id);
        return redirect('admin/usuario')->with('mensaje', 'Usuario creado con exito');
    }

    public function editar($id)
    {
        $rols = Rol::orderBy('id')->pluck('nombre', 'id')->toArray();
        $data = Usuario::with('roles')->findOrFail($id);
        return view('admin.usuario.editar', compact('data', 'rols'));
    }

    public function actualizar(ValidacionUsuario $request, $id)
    {
        $usuario = Usuario::findOrFail($id);
        $usuario->update(array_filter($request->all()));
        $usuario->roles()->sync($request->rol_id);
        return redirect('admin/usuario')->with('mensaje', 'Usuario actualizado con exito');
    }
}
```

```

public function eliminar(Request $request, $id)
{
    if ($request->ajax()) {
        $usuario = Usuario::findOrFail($id);
        $usuario->roles()->detach();
        $usuario->delete();
        return response()->json(['mensaje' => 'ok']);
    } else {
        abort(404);
    }
}

```

### public\assets\pages\scripts\admin\index.js

```

$(document).ready(function () {
    $("#tabla-data").on('submit', '.form-eliminar', function () {
        event.preventDefault();
        const form = $(this);
        swal({
            title: '¿ Está seguro que desea eliminar el registro ?',
            text: "Esta acción no se puede deshacer!",
            icon: 'warning',
            buttons: {
                cancel: "Cancelar",
                confirm: "Aceptar"
            },
        }).then((value) => {
            if (value) {
                ajaxRequest(form);
            }
        });
    });
});

function ajaxRequest(form) {
    $.ajax({
        url: form.attr('action'),
        type: 'POST',
        data: form.serialize(),
        success: function (respuesta) {
            if (respuesta.mensaje == "ok") {
                form.parents('tr').remove();
                Biblioteca.notificaciones('El registro fue eliminado correctamente', 'Biblioteca', 'success');
            } else {
                Biblioteca.notificaciones('El registro no pudo ser eliminado, hay recursos usando', 'Biblioteca', 'error');
            }
        },
        error: function () {
        }
    });
}

```

Usuarios | tutorialesvirtuales x +

biblioteca.test/admin/usuario

Hola, Administrador

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Admin

Usuario

Menu

Menu Rol

Permiso

Permiso Rol

Roles

Libros

Usuarios

Usuario	Nombre	Email	Roles
admin	Administrador	prueban@gmail.com	administrador
rat	Rossvelt	rgt90@hotmail.com	editor
tuto	Tutorialesvirtuales	suporte@tutorialesvirtuales.com	supervisor, editor
sara	Sara		administrador, editor, supervisor

Nuevo registro

! Está seguro que desea eliminar el registro ?

Esta acción no se puede deshacer!

Cancelar Aceptar

The screenshot shows a confirmation dialog box centered over a table of users. The dialog has a yellow exclamation mark icon at the top. The main text reads '¿Está seguro que desea eliminar el registro ?' (Are you sure you want to delete the record?). Below it says 'Esta acción no se puede deshacer!' (This action cannot be undone!). At the bottom are two buttons: 'Cancelar' (Cancel) and 'Aceptar' (Accept). The background table lists four users: admin, rat, tuto, and sara, each with their respective names, emails, and roles.

Usuarios | tutorialesvirtuales x +

biblioteca.test/admin/usuario

Hola, Administrador

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Admin

Usuario

Menu

Menu Rol

Permiso

Permiso Rol

Roles

Libros

Usuarios

Usuario	Nombre	Email	Roles
admin	Administrador	prueban@gmail.com	administrador
rat	Rossvelt	rgt90@hotmail.com	editor
tuto	Tutorialesvirtuales	suporte@tutorialesvirtuales.com	supervisor, editor

Nuevo registro

The screenshot shows the same user list as the previous one, but the 'sara' row is now missing from the table, indicating it has been deleted.

# Aula 40 - Autenticação com vários roles - I

app\Models\Seguridad\Usuario.php

```
<?php

namespace App\Models\Seguridad;

use Illuminate\Foundation\Auth\User as Authenticatable;
use App\Models\Admin\Rol;
use Illuminate\Support\Facades\Session;
use Illuminate\Support\Facades\Hash;

class Usuario extends Authenticatable
{
    protected $remember_token = false;
    protected $table = 'usuario';
    protected $fillable = ['usuario', 'nombre', 'email', 'password'];

    public function roles()
    {
        return $this->belongsToMany(Rol::class, 'usuario_rol');
    }

    public function setSession($roles)
    {
        Session::put([
            'usuario' => $this->usuario,
            'usuario_id' => $this->id,
            'nombre_usuario' => $this->nombre
        ]);
        if (count($roles) == 1) {
            Session::put(
                [
                    'rol_id' => $roles[0]['id'],
                    'rol_nombre' => $roles[0]['nombre'],
                ]
            );
        } else {
            Session::put('roles', $roles);
        }
    }

    public function setPasswordAttribute($pass)
    {
        $this->attributes['password'] = Hash::make($pass);
    }
}
```

```
resources\views\theme\lte\layout.blade.php
```

```
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>@yield('titulo', 'Biblioteca') | tutorialesvirtuales</title>
    <!-- Tell the browser to be responsive to screen width -->
    <meta content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no" name="viewport">
    <!-- Bootstrap 3.3.7 -->
    <link rel="stylesheet"
        href="{{asset("assets/$theme/bower_components/bootstrap/dist/css/bootstrap.min.css")}}">
    <!-- Font Awesome -->
    <link rel="stylesheet" href="{{asset("assets/$theme/bower_components/font-awesome/css/font-awesome.min.css")}}">
    <!-- Ionicons -->
    <link rel="stylesheet"
        href="{{asset("assets/$theme/bower_components/ionicons/css/ionicons.min.css")}}">
    <!-- Theme style -->
    <link rel="stylesheet" href="{{asset("assets/$theme/dist/css/AdminLTE.min.css")}}">
    <!-- AdminLTE Skins. Choose a skin from the css/skins
        folder instead of downloading all of them to reduce the load. -->
    <link rel="stylesheet" href="{{asset("assets/$theme/dist/css/skins/_all-skins.min.css")}}">

    <link rel="stylesheet"
        href="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.css">

    @yield("styles")

    <link rel="stylesheet" href="{{asset("assets/css/custom.css")}}">

    <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media queries -->
    <!-- WARNING: Respond.js does not work if you view the page via file:// -->
    <!--[if lt IE 9]>
        <script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
        <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
    <![endif]-->

    <!-- Google Font -->
    <link rel="stylesheet"
        href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600,700,300italic,400italic,
        600italic">
</head>

<body class="hold-transition skin-blue layout-boxed sidebar-mini">
    <!-- Site wrapper -->
    <div class="wrapper">
        <!-- Inicio Header -->
        @include("theme/$theme/header")
        <!-- Fin Header -->
        <!-- Inicio Aside -->
        @include("theme/$theme/aside")
        <!-- Fin Aside -->
        <div class="content-wrapper">
```

```

<!-- Content Header (Page header) -->
<section class="content">
    @yield('contenido')
</section>
</div>
<!--Inicio Footer -->
@include("theme/$theme/footer")
<!-- Fin Footer -->
<!--Inicio de ventana modal para login con más de un rol -->
@if(session()->get("roles") && count(session()->get("roles")) > 1)
@csrf
<div class="modal fade" id="modal-seleccionar-rol" data-rol-set="{{empty(session())->get("rol_id")) ? 'NO' : 'SI'}}" tabindex="-1" data-backdrop="static" data-keyboard="false">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <h4 class="modal-title">Roles de Usuario</h4>
            </div>
            <div class="modal-body">
                <p>Cuentas con mas de un Rol en la plataforma, a continuación seleccione con cual de ellos desea trabajar</p>
                @foreach(session()->get("roles") as $key => $rol)
                    <li>
                        <a href="#" class="asignar-rol" data-rolid="{{$rol['id']}}" data-rolnombre="{{$rol["nombre"]}}>
                            {{$rol["nombre"]}}
                        </a>
                    </li>
                @endforeach
            </div>
        </div>
    </div>
</div>
@endif
</div>
<script src="{{asset("assets/$theme/bower_components/jquery/dist/jquery.min.js")}}></script>
<!-- Bootstrap 3.3.7 -->
<script
src="{{asset("assets/$theme/bower_components/bootstrap/dist/js/bootstrap.min.js")}}></script>
<!-- SlimScroll -->
<script src="{{asset("assets/$theme/bower_components/jquery-slimscroll/jquery.slimscroll.min.js")}}></script>
<!-- FastClick -->
<script src="{{asset("assets/$theme/bower_components/fastclick/lib/fastclick.js")}}></script>
<!-- AdminLTE App -->
<script src="{{asset("assets/$theme/dist/js/adminlte.min.js")}}></script>
<!-- AdminLTE for demo purposes -->
@yield("scriptsPlugins")
<script src="{{asset("assets/js/jquery-validation/jquery.validate.min.js")}}></script>
<script src="{{asset("assets/js/jquery-validation/localization/messages_es.min.js")}}></script>
<script src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.js"></script>
<script src="{{asset("assets/js/scripts.js")}}></script>
<script src="{{asset("assets/js/funciones.js")}}></script>
@yield("scripts")
</body>

</html>

```

## public\assets\js\scripts.js

```
/* Boton Borrar Campos De Formulario*/
$(document).ready(function () {
    //Cerrar Las Alertas Automaticamente
    $('.alert[data-auto-dismiss]').each(function (index, element) {
        const $element = $(element),
            timeout = $element.data('auto-dismiss') || 5000;
        setTimeout(function () {
            $element.alert('close');
        }, timeout);
    });
    //TOOLTIPS
    $('body').tooltip({
        trigger: 'hover',
        selector: '.tooltipsC',
        placement: 'top',
        html: true,
        container: 'body'
    });
    $('ul.sidebar-menu').find('li.active').parents('li').addClass('active');
    // Trabajo con Ventana de Roles.
    const modal = $('#modal-seleccionar-rol');
    if (modal.length && modal.data('rol-set') == 'NO') {
        modal.modal('show');
    }
    $('.asignar-rol').on('click', function (event) {
        event.preventDefault();
        const data = {
            rol_id: $(this).data('rolid'),
            rol_nombre: $(this).data('rolnombre'),
            _token: $('input[name=_token]').val()
        }
        ajaxRequest(data, '/ajax-sesion', 'asignar-rol');
    });
    $('.cambiar-rol').on('click', function (event) {
        event.preventDefault();
        modal.modal('show');
    });
    function ajaxRequest(data, url, funcion) {
        $.ajax({
            url: url,
            type: 'POST',
            data: data,
            success: function (respuesta) {
                if (funcion == 'asignar-rol' && respuesta.mensaje == 'ok') {
                    $('#modal-seleccionar-rol').hide();
                    location.reload();
                }
            }
        });
    }
});
```

Usuarios | tutorialesvirtuales x +

biblioteca.test/admin/usuario/crear

Hola, Administrador

### Crear usuario

Volver al listado

Nombre *	Sara
Usuario *	sara
E-Mail *	sara@prueba.com
Contraseña *	*****
Repita Contraseña *	*****
Rol *	Seleccione el rol administrador editor supervisor

Cancel Guardar

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

- Admin
- Usuario
- Menu
- Menu Rol
- Permiso
- Permiso Rol
- Roles
- Libros

Usuarios | tutorialesvirtuales x +

biblioteca.test/admin/usuario

Hola, Administrador

### Usuarios

Nuevo registro

Usuario	Nombre	Email	Roles	
admin	Administrador	prueban@gmail.com	administrador	
rat	Rossvelt	rgrt90@hotmail.com	editor	
tuto	Tutorialesvirtuales	suporte@tutorialesvirtuales.com	supervisor	
sara	Sara	sara@prueba.com	administrador, editor	

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

- Admin
- Usuario
- Menu
- Menu Rol
- Permiso
- Permiso Rol
- Roles
- Libros

- Logando com sara:



## Criando o controller AjaxController

```
php artisan make:controller AjaxController
```

```
C:\laragon\www\biblioteca
λ php artisan make:controller AjaxController
Controller created successfully.
```

app\Http\Controllers\AjaxController.php

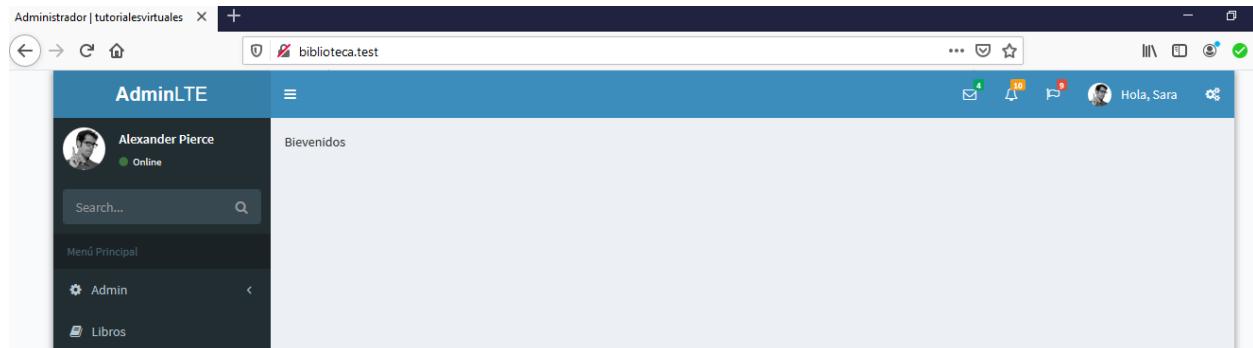
```
<?php

namespace App\Http\Controllers;

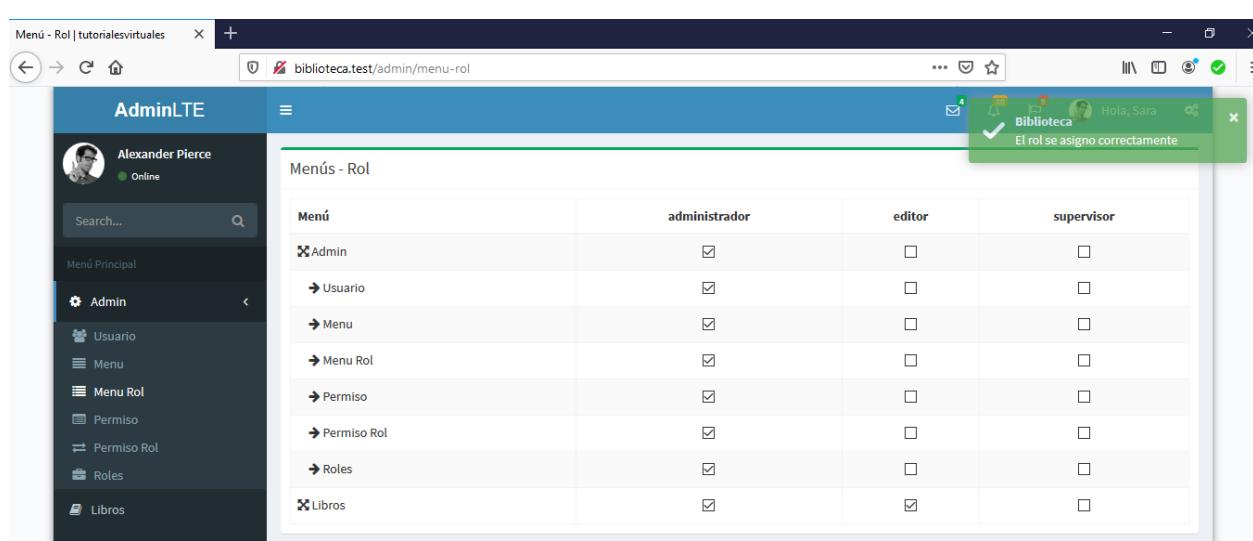
use Illuminate\Http\Request;

class AjaxController extends Controller
{
    public function setSession(Request $request)
    {
        if ($request->ajax()) {
            $request->session()->put(
                [
                    'rol_id' => $request->input('rol_id'),
                    'rol_nombre' => $request->input('rol_nombre')
                ]
            );
            return response()->json(['mensaje' => 'ok']);
        } else {
            abort(404);
        }
    }
}
```

- Sara como administrador:



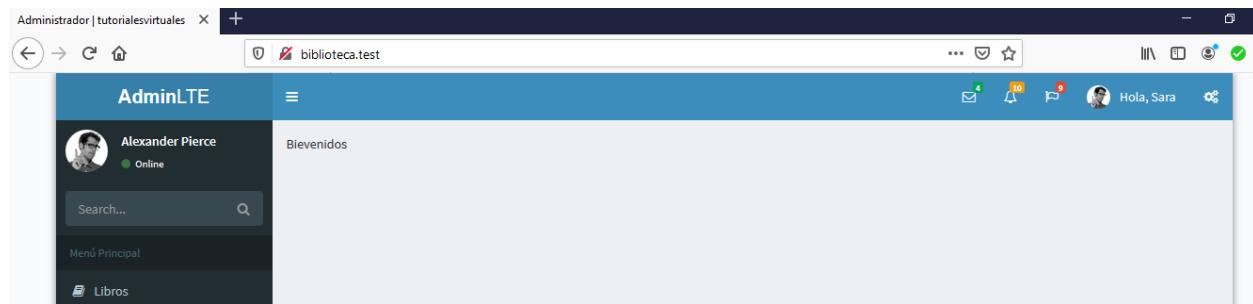
The screenshot shows the AdminLTE dashboard. The top navigation bar has a user profile for 'Alexander Pierce' and a notification badge for 'biblioteca.test'. The main content area displays a welcome message 'Bievenidos'. The left sidebar menu is open, showing 'Admin' as the active category, with sub-options like 'Libros' visible.

The screenshot shows the 'Menú - Rol' page. The title is 'Menús - Rol'. A table lists various menu items under the columns 'Menú', 'administrador', 'editor', and 'supervisor'. The 'administrador' column contains checked boxes for most items. A green success message at the top right says 'El rol se asigno correctamente'.

Menú	administrador	editor	supervisor
Admin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Usuario	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Menu	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Menu Rol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Permiso	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Permiso Rol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Roles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Libros	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- Sara como editor:



The screenshot shows the AdminLTE dashboard. The top navigation bar has a user profile for 'Alexander Pierce' and a notification badge for 'biblioteca.test'. The main content area displays a welcome message 'Bievenidos'. The left sidebar menu is open, showing 'Libros' as the active category.

# Aula 41 - Autenticação com vários roles - II

resources\views\theme\lte\header.blade.php

```
<header class="main-header">
    <!-- Logo -->
    <a href="/" class="logo">
        <!-- mini logo for sidebar mini 50x50 pixels -->
        <span class="logo-mini"><b>A</b>LT</span>
        <!-- logo for regular state and mobile devices -->
        <span class="logo-lg"><b>Admin</b>LTE</span>
    </a>
    <!-- Header Navbar: style can be found in header.less -->
    <nav class="navbar navbar-static-top">
        <!-- Sidebar toggle button-->
        <a href="#" class="sidebar-toggle" data-toggle="push-menu" role="button">
            <span class="sr-only">Toggle navigation</span>
        </a>

        <div class="navbar-custom-menu">
            <ul class="nav navbar-nav">
                <!-- Messages: style can be found in dropdown.less-->
                <li class="dropdown messages-menu">
                    <a href="#" class="dropdown-toggle" data-toggle="dropdown">
                        <i class="fa fa-envelope-o"></i>
                        <span class="label label-success">4</span>
                    </a>
                    <ul class="dropdown-menu">
                        <li class="header">You have 4 messages</li>
                        <li>
                            <!-- inner menu: contains the actual data -->
                            <ul class="menu">
                                <li><!-- start message -->
                                    <a href="#">
                                        <div class="pull-left">
                                            
                                        </div>
                                    <h4>
                                        Support Team
                                    <small><i class="fa fa-clock-o"></i> 5 mins</small>
                                    </h4>
                                    <p>Why not buy a new awesome theme?</p>
                                    </a>
                                </li>
                                <!-- end message -->
                            </ul>
                        </li>
                        <li class="footer"><a href="#">See All Messages</a></li>
                    </ul>
                </li>
                <!-- Notifications: style can be found in dropdown.less -->
                <li class="dropdown notifications-menu">
                    <a href="#" class="dropdown-toggle" data-toggle="dropdown">
```

```

<i class="fa fa-bell-o"></i>
<span class="label label-warning">10</span>
</a>
<ul class="dropdown-menu">
<li class="header">You have 10 notifications</li>
<li>
    <!-- inner menu: contains the actual data -->
    <ul class="menu">
        <li>
            <a href="#">
                <i class="fa fa-users text-aqua"></i> 5 new members joined today
            </a>
        </li>
    </ul>
</li>
<li class="footer"><a href="#">View all</a></li>
</ul>
</li>
<!-- Tasks: style can be found in dropdown.less -->
<li class="dropdown tasks-menu">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">
        <i class="fa fa-flag-o"></i>
        <span class="label label-danger">9</span>
    </a>
    <ul class="dropdown-menu">
        <li class="header">You have 9 tasks</li>
        <li>
            <!-- inner menu: contains the actual data -->
            <ul class="menu">
                <li><!-- Task item -->
                    <a href="#">
                        <h3>
                            Design some buttons
                            <small class="pull-right">20%</small>
                        </h3>
                        <div class="progress xs">
                            <div class="progress-bar progress-bar-aqua" style="width: 20%" role="progressbar"
                                aria-valuenow="20" aria-valuemin="0" aria-valuemax="100">
                                <span class="sr-only">20% Complete</span>
                            </div>
                        </div>
                    </a>
                </li>
            <!-- end task item -->
        </ul>
    </li>
    <li class="footer">
        <a href="#">View all tasks</a>
    </li>
</ul>
</li>
<!-- User Account: style can be found in dropdown.less -->
<li class="dropdown user user-menu">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">
        
        <span class="hidden-xs">Hola, {{session()->get('nombre_usuario') ?? 'Invitado'}}</span>

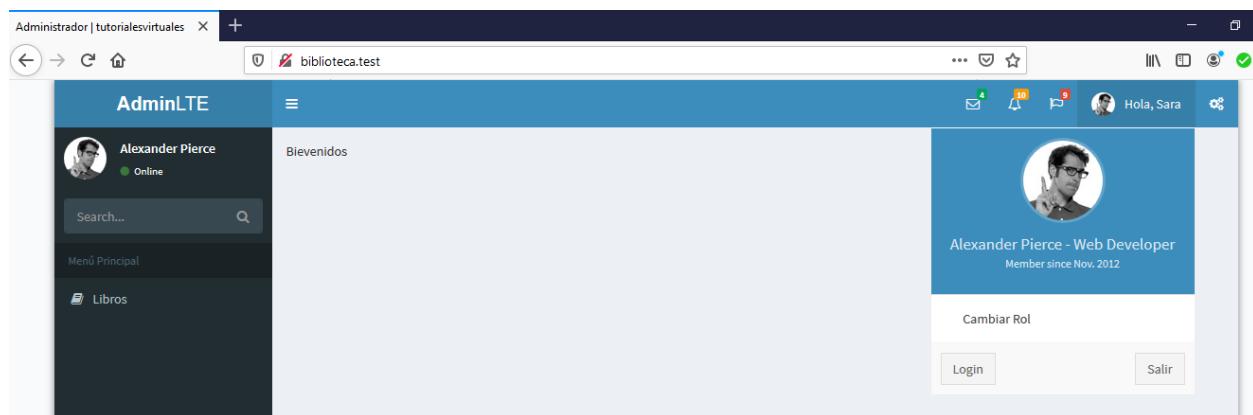
```

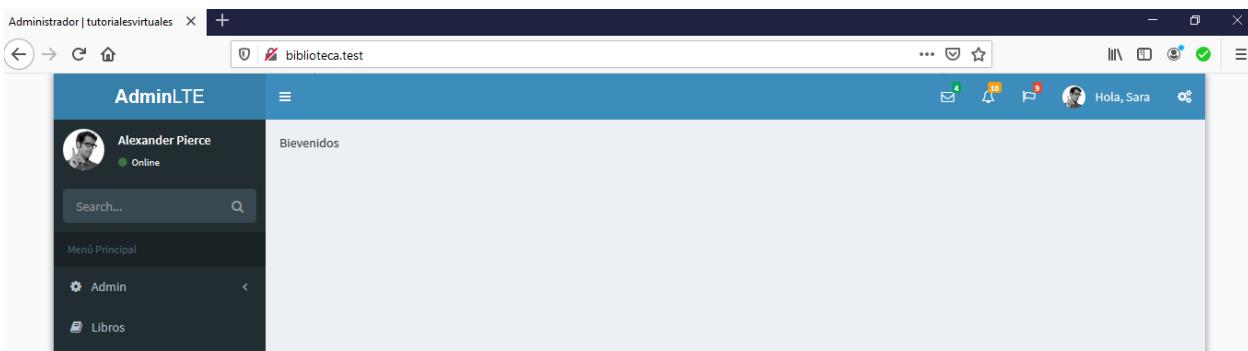
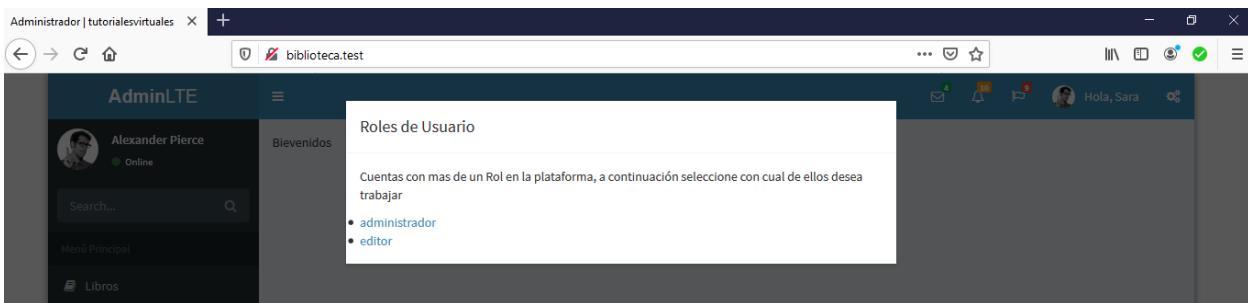
```

</a>
<ul class="dropdown-menu">
    <!-- User image -->
    <li class="user-header">
        

        <p>
            Alexander Pierce - Web Developer
            <small>Member since Nov. 2012</small>
        </p>
    </li>
    <!-- Menu Body -->
    <li class="user-body">
        <div class="row">
            @if(session()->get("roles") && count(session()->get("roles")) > 1)
            <div class="col-xs-6 text-center">
                <a href="#" class="cambiar-rol">Cambiar Rol</a>
            </div>
            @endif
        </div>
    </li>
    <!-- Menu Footer-->
    <li class="user-footer">
        <div class="pull-left">
            <a href="{{route('login')}}" class="btn btn-default btn-flat">Login</a>
        </div>
        <div class="pull-right">
            <a href="{{route('logout')}}" class="btn btn-default btn-flat">Salir</a>
        </div>
    </li>
</ul>
</li>
<!-- Control Sidebar Toggle Button -->
<li>
    <a href="#" data-toggle="control-sidebar"><i class="fa fa-gears"></i></a>
</li>
</ul>
</div>
</nav>
</header>

```





# Aula 42 - Subir arquivos e tratamento de imagens

## Laravel File Storage

<https://laravel.com/docs/5.8/filesystem>

public\assets\pages\scripts\libro\crear.js

```
$(document).ready(function () {
    Biblioteca.validacionGeneral('form-general');
    $('#foto').fileinput({
        language: 'es',
        allowedFileExtensions: ['jpg', 'jpeg', 'png'],
        maxFileSize: 1000,
        showUpload: false,
        showClose: false,
        initialPreviewAsData: true,
        dropZoneEnabled: false,
        theme: "fa",
    });
});
```

## Bootstrap File Input

<https://plugins.krajee.com/file-input/demo>

É um plugin de jQuery que funciona para subir artigos de uma maneira muito simples.

- Baixe o plugin em:

<https://github.com/kartik-v/bootstrap-fileinput>

- Descarregue de maneira manual (o arquivo zip).

- Altere o nome da pasta, de: **kartik-v-bootstrap-fileinput-4a656ec** para **bootstrap-fileinput**.

- Copie essa pasta para dentro da pasta **public\assets\js**.

```
resources\views\libro\crear.blade.php
```

```
@extends("theme.$theme.layout")
@section('titulo')
    Libros
@endsection

@section("styles")
<link href="{{asset("assets/js/bootstrap-fileinput/css/fileinput.min.css")}}" rel="stylesheet"
type="text/css"/>
@endsection

@section("scriptsPlugins")
<script src="{{asset("assets/js/bootstrap-fileinput/js/fileinput.min.js")}}"
type="text/javascript"></script>
<script src="{{asset("assets/js/bootstrap-fileinput/js/locales/es.js")}}"
type="text/javascript"></script>
<script src="{{asset("assets/js/bootstrap-fileinput/themes/fas/theme.min.js")}}"
type="text/javascript"></script>
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/libro/crear.js")}}" type="text/javascript"></script>
@endsection

@section('contenido')


<div class="col-lg-12">
        @include('includes.mensaje')
        @include('includes.form-error')
        <div class="box box-danger">
            <div class="box-header with-border">
                <h3 class="box-title">Crear Libro</h3>
                <a href="{{route('libro')}}" class="btn btn-info btn-sm pull-right">Listado</a>
            </div>
            <form action="{{route('guardar_libro')}}" id="form-general" class="form-horizontal" method="POST" autocomplete="off" enctype="multipart/form-data">
                @csrf
                <div class="box-body">
                    @include('libro.form')
                </div>
                <div class="box-footer">
                    <div class="col-lg-3"></div>
                    <div class="col-lg-6">
                        @include('includes.boton-form-crear')
                    </div>
                </div>
            </form>
        </div>
    </div>


```

resources\views\libro\form.blade.php

```
<div class="form-group">
    <label for="titulo" class="col-lg-3 control-label requerido">Título</label>
    <div class="col-lg-8">
        <input type="text" name="titulo" id="titulo" class="form-control" value="{{old('titulo', $data->titulo ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="isbn" class="col-lg-3 control-label requerido">ISBN</label>
    <div class="col-lg-8">
        <input type="text" name="isbn" id="isbn" class="form-control" value="{{old('isbn', $data->isbn ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="autor" class="col-lg-3 control-label requerido">Autor</label>
    <div class="col-lg-8">
        <input type="text" name="autor" id="autor" class="form-control" value="{{old('autor', $data->autor ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="cantidad" class="col-lg-3 control-label requerido">Cantidad</label>
    <div class="col-lg-8">
        <input type="number" name="cantidad" id="cantidad" class="form-control" value="{{old('cantidad', $data->cantidad ?? '')}}" required/>
    </div>
</div>
<div class="form-group">
    <label for="editorial" class="col-lg-3 control-label">Editorial</label>
    <div class="col-lg-8">
        <input type="text" name="editorial" id="editorial" class="form-control" value="{{old('editorial', $data->editorial ?? '')}}"/>
    </div>
</div>
<div class="form-group">
    <label for="foto" class="col-lg-3 control-label">Foto</label>
    <div class="col-lg-5">
        <input type="file" name="foto_up" id="foto" data-initial-preview="{{isset($data->foto) ? Storage::url("imagenes/caratulas/$data->foto") : "http://www.placehold.it/200x150/EFEFEF/AAAAAA&text=Caratula+Libro"}}" accept="image/*"/>
    </div>
</div>
```

public\assets\pages\scripts\libro\crear.js

```
$(document).ready(function () {
    Biblioteca.validacionGeneral('form-general');
    $('#foto').fileinput({
        language: 'es',
        allowedFileExtensions: ['jpg', 'jpeg', 'png'],
        maxFileSize: 1000,
        showUpload: false,
        showClose: false,
        initialPreviewAsData: true,
        dropZoneEnabled: false,
        theme: "fa",
    });
});
```

The screenshot shows a web application interface for creating a book. The top navigation bar includes a shield icon, a logo, the URL 'biblioteca.test/libro/crear', a zoom level indicator (80%), and user notifications. The left sidebar, titled 'AdminLTE', shows a profile picture of 'Alexander Pierce' (Online), a search bar, and a menu with 'Menú Principal', 'Admin', and 'Libros'. The main content area is titled 'Crear Libro' and contains fields for 'Título\*', 'ISBN\*', 'Autor\*', 'Cantidad\*', and 'Editorial'. Below these is a 'Foto' section with a placeholder 'Caratula Libro' and a file input field showing '1 archivo seleccionado(s)'. At the bottom are 'Cancel' and 'Guardar' buttons.

Crear Libro

Título \*

ISBN \*

Autor \*

Cantidad \*

Editorial

Foto

Caratula Libro

1 archivo seleccionado(s)

Cancelar Guardar

## app\Http\Controllers\LibroController.php

```
<?php

namespace App\Http\Controllers;

use App\Http\Requests\ValidacionLibro;
use Illuminate\Http\Request;
use App\Models\Libro;
use Illuminate\Support\Facades\Storage;

class LibroController extends Controller
{
    public function index()
    {
        can('listar-libros');
        $datas = Libro::orderBy('id')->get();
        return view('libro.index', compact('datas'));
    }

    public function crear()
    {
        can('crear-libros');
        return view('libro.crear');
    }

    public function guardar(ValidacionLibro $request)
    {
        if ($foto = Libro::setCaratula($request->foto_up))
            $request->request->add(['foto' => $foto]);
        Libro::create($request->all());
        return redirect()->route('libro')->with('mensaje', 'El libro se creo correctamente');
    }

    public function ver(Request $request, Libro $libro)
    {
    }

    public function editar($id)
    {
    }

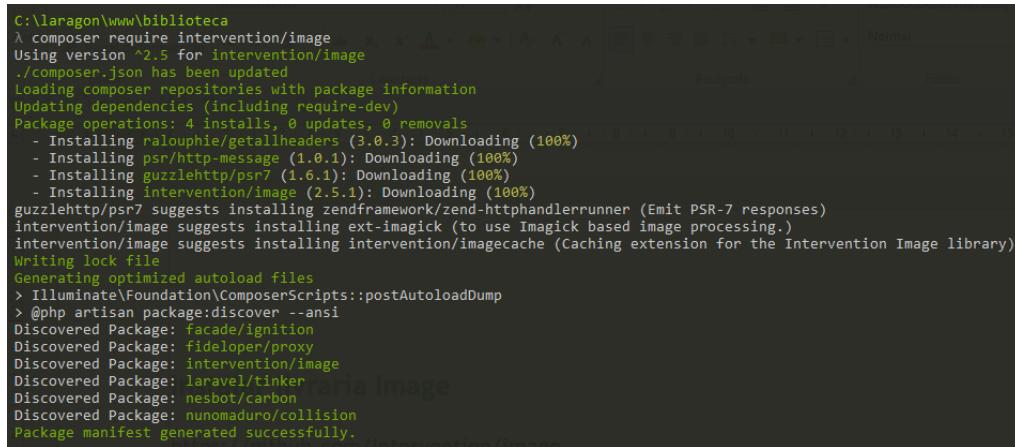
    public function actualizar(ValidacionLibro $request, $id)
    {
    }

    public function eliminar(Request $request, $id)
    {
    }
}
```

## Instalar livraria Image

<https://github.com/Intervention/image>

composer require intervention/image



```
C:\laragon\www\biblioteca
λ composer require intervention/image
Using version ^2.5 for intervention/image
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 4 installs, 0 updates, 0 removals
- Installing ralouphie/getallheaders (3.0.3): Downloading (100%)
- Installing psr/http-message (1.0.1): Downloading (100%)
- Installing guzzlehttp/psr7 (1.6.1): Downloading (100%)
- Installing intervention/image (2.5.1): Downloading (100%)
guzzlehttp/psr7 suggests installing zendframework/zend-http\zend\zendhttp\zendhttprunner (Emit PSR-7 responses)
intervention/image suggests installing ext-imagick (to use Imagick based image processing.)
intervention/image suggests installing intervention/imagecache (Caching extension for the Intervention Image library)
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: intervention/image
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
```

### app\Models\Libro.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\Storage;
use Illuminate\Support\Str;
use Intervention\Image\Facades\Image;

class Libro extends Model
{
    protected $table = "libro";
    protected $fillable = ['titulo', 'isbn', 'autor', 'cantidad', 'editorial', 'foto'];
    protected $guarded = ['id'];

    public static function setCaratula($foto, $actual = false){
        if ($foto) {
            if ($actual) {
                Storage::disk('public')->delete("imagenes/caratulas/$actual");
            }
            $imageName = Str::random(20) . '.jpg';
            $imagen = Image::make($foto)->encode('jpg', 75);
            $imagen->resize(530, 470, function ($constraint) {
                $constraint->upscale();
            });
            Storage::disk('public')->put("imagenes/caratulas/$imageName", $imagen->stream());
            return $imageName;
        } else {
            return false;
        }
    }
}
```

## Laravel File Storage

<https://laravel.com/docs/5.8/filesystem>

### config\filesystems.php

```
<?php

return [

    /*
    |--------------------------------------------------------------------------
    | Default Filesystem Disk
    |--------------------------------------------------------------------------
    |

    |
    | Here you may specify the default filesystem disk that should be used
    | by the framework. The "local" disk, as well as a variety of cloud
    | based disks are available to your application. Just store away!
    |
    */

    'default' => env('FILESYSTEM_DRIVER', 'local'),

    /*
    |--------------------------------------------------------------------------
    | Default Cloud Filesystem Disk
    |--------------------------------------------------------------------------
    |

    |
    | Many applications store files both locally and in the cloud. For this
    | reason, you may specify a default "cloud" driver here. This driver
    | will be bound as the Cloud disk implementation in the container.
    |
    */

    'cloud' => env('FILESYSTEM_CLOUD', 's3'),

    /*
    |--------------------------------------------------------------------------
    | Filesystem Disks
    |--------------------------------------------------------------------------
    |

    |
    | Here you may configure as many filesystem "disks" as you wish, and you
    | may even configure multiple disks of the same driver. Defaults have
    | been setup for each driver as an example of the required options.
    |
    | Supported Drivers: "local", "ftp", "sftp", "s3"
    |
    */

    'disks' => [
        'local' => [
            'driver' => 'local',
            'root' => storage_path('app'),
        ],
    ],
]
```

```
'public' => [
    'driver' => 'local',
    'root' => storage_path('app/public'),
    'url' => env('APP_URL').'/storage',
    'visibility' => 'public',
],
's3' => [
    'driver' => 's3',
    'key' => env('AWS_ACCESS_KEY_ID'),
    'secret' => env('AWS_SECRET_ACCESS_KEY'),
    'region' => env('AWS_DEFAULT_REGION'),
    'bucket' => env('AWS_BUCKET'),
    'url' => env('AWS_URL'),
],
],
];
];
```

## .env

```
APP_NAME=biblioteca
APP_ENV=local
APP_KEY=base64:mi/sUdxQecX0R9xQuVXSJKJZ8zfC4BqrWKk30gyFrOs=
APP_DEBUG=true
APP_URL=http://biblioteca.test
```

```
LOG_CHANNEL=stack
```

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=biblioteca
DB_USERNAME=root
DB_PASSWORD=
```

```
BROADCAST_DRIVER=log
CACHE_DRIVER=redis
QUEUE_CONNECTION=sync
SESSION_DRIVER=file
SESSION_LIFETIME=120
```

```
REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379
```

```
MAIL_DRIVER=smtp
MAIL_HOST=smtp.mailtrap.io
MAIL_PORT=2525
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null
```

```
AWS_ACCESS_KEY_ID=
AWS_SECRET_ACCESS_KEY=
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=
```

```
PUSHER_APP_ID=
PUSHER_APP_KEY=
PUSHER_APP_SECRET=
```

```
PUSHER_APP_CLUSTER=mt1
MIX_PUSHER_APP_KEY="${PUSHER_APP_KEY}"
MIX_PUSHER_APP_CLUSTER="${PUSHER_APP_CLUSTER}"
```

### app\Http\Requests\ValidacionLibro.php

```
<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class ValidacionLibro extends FormRequest
{
    public function authorize()
    {
        return true;
    }

    public function rules()
    {
        return [
            'titulo' => 'required|max:100',
            'isbn' => 'required|max:30|unique:libro,isbn,' . $this->route('id'),
            'autor' => 'required|max:100',
            'cantidad' => 'required|numeric',
            'editorial' => 'nullable|max:50',
            'foto_up' => 'nullable|image|max:1024'
        ];
    }

    public function messages()
    {
        return [
            'isbn.unique' => 'Ya existe un libro con ese ISBN',
            'foto_up.max' => 'La portada no puede tener un peso mayor a 1MB'
        ];
    }
}
```

Screenshot of a Laravel application's book creation form. The URL is `biblioteca.test/libro/crear`. The form fields are:

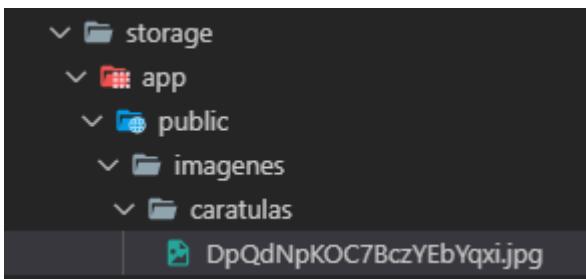
- Título: Prueba
- ISBN: 1234
- Autor: Roosevelt Aristizabal
- Cantidad: 1
- Editorial: (empty)
- Foto: A file input showing a preview of a book cover titled "CURSO LARAVEL" and a file name "Laravel\_Tutoriales.jpg" (37.32 KB). Buttons below the input include "Laravel\_Tutoriales.jpg", "Quitar", and "Examinar ...".

At the bottom are "Cancel" and "Guardar" buttons.

Screenshot of the Laravel application's book list page. The URL is `biblioteca.test/libro`. The table shows one record:

Título	Cantidad
Prueba	1

At the top right is a green "Nuevo registro" button.



## Aula 43 - Mostrar imágenes subidas

resources\views\libro\ver.blade.php

```
<div>{{$libro->título}}</div>
<div>{{$libro->isbn}}</div>
<div>{{$libro->autor}}</div>
<div>foto")}}" alt="Caratula del libro"></div>
```

public\assets\pages\scripts\libro\index.js

```
$(document).ready(function () {
    $("#tabla-data").on('submit', '.form-eliminar', function (event) {
        event.preventDefault();
        const form = $(this);
        swal({
            title: '¿ Está seguro que desea eliminar el registro ?',
            text: "Esta acción no se puede deshacer!",
            icon: 'warning',
            buttons: {
                cancel: "Cancelar",
                confirm: "Aceptar"
            },
        }).then((value) => {
            if (value) {
                ajaxRequest(form.serialize(), form.attr('action'), 'eliminarLibro', form);
            }
        });
    });

    $('.ver-libro').on('click', function (event) {
        event.preventDefault();
        const url = $(this).attr('href');
        const data = {
            _token: $('input[name=_token]').val()
        }
        ajaxRequest(data, url, 'verLibro');
    });

    function ajaxRequest(data, url, funcion, form = false) {
        $.ajax({
            url: url,
            type: 'POST',
            data: data,
            success: function (respuesta) {
                if (funcion == 'eliminarLibro') {
                    if (respuesta.mensaje == "ok") {
                        form.parents('tr').remove();
                        Biblioteca.notificaciones('El registro fue eliminado correctamente', 'Biblioteca', 'success');
                    } else {
                        Biblioteca.notificaciones('El registro no pudo ser eliminado, hay recursos usando-')
                    }
                }
            }
        })
    }
});
```

```

        lo, 'Biblioteca', 'error');
    }
} else if (funcion == 'verLibro') {
    $('#modal-ver-libro .modal-body').html(respuesta)
    $('#modal-ver-libro').modal('show');
}
},
error: function () {

}
});
}
);

```

### resources\views\libro\index.blade.php

```

@extends("theme.$theme.layout")
@section('titulo')
Libros
@endsection

@section("scripts")
<script src="{{asset('assets/pages/scripts/libro/index.js')}}" type="text/javascript"></script>
@endsection

@section('contenido')


@csrf
@include('includes.mensaje')


### Libros



Nuevo registro



| Título                                                                            | Cantidad             |                                                                                                |
|-----------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------|
| <a href="{{route('ver_libro', \$data)}}" class="ver-libro">{{\$data->título}}</a> | {{\$data->cantidad}} | <a class="btn-accion-tabla" href="{{route('editar_libro', ['id' =&gt; \$data-&gt;id])}}"> </a> |


```

```

        tooltipsC" title="Editar este registro">
            <i class="fa fa-fw fa-pencil"></i>
        </a>
        <form action="{{route('eliminar_libro', ['id' => $data->id])}}" class="d-inline form-eliminar" method="POST">
            @csrf @method("delete")
            <button type="submit" class="btn-accion-tabla eliminar tooltipsC" title="Eliminar este registro">
                <i class="fa fa-fw fa-trash text-danger"></i>
            </button>
        </form>
    </td>
</tr>
@endforeach

</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
<div class="modal fade" id="modal-ver-libro" tabindex="-1">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
                <h4 class="modal-title">Libro</h4>
            </div>
            <div class="modal-body"></div>
            <div class="modal-footer">
                <button type="button" class="btn btn-default pull-left" data-dismiss="modal">Cerrar</button>
            </div>
        </div>
    </div>
</div>
@endsection

```

## app\Http\Controllers\LibroController.php

```

<?php

namespace App\Http\Controllers;

use App\Http\Requests\ValidacionLibro;
use Illuminate\Http\Request;
use App\Models\Libro;
use Illuminate\Support\Facades\Storage;

class LibroController extends Controller
{
    public function index()
    {
        can('listar-libros');
    }
}

```

```

$datas = Libro::orderBy('id')->get();
return view('libro.index', compact('datas'));
}

public function crear()
{
    can('crear-libros');
    return view('libro.crear');
}

public function guardar(ValidacionLibro $request)
{
    if ($foto = Libro::setCaratula($request->foto_up))
        $request->request->add(['foto' => $foto]);
    Libro::create($request->all());
    return redirect()->route('libro')->with('mensaje', 'El libro se creo correctamente');
}

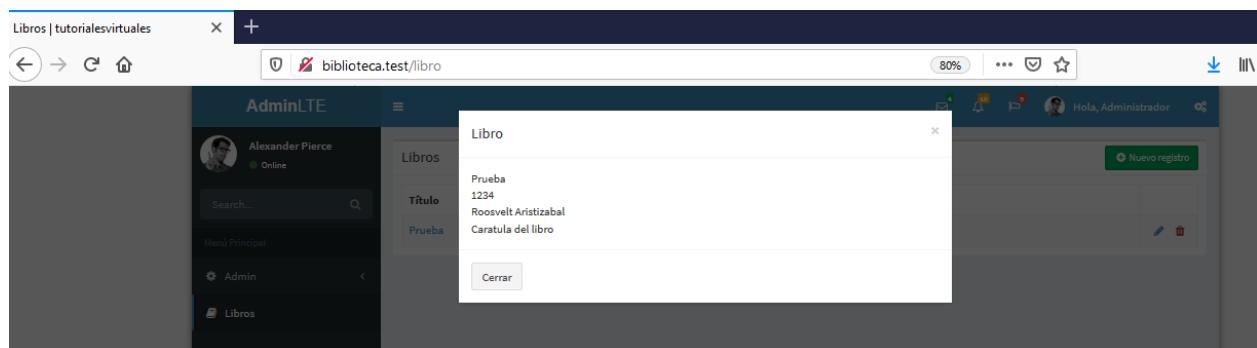
public function ver(Request $request, Libro $libro)
{
    if ($request->ajax()) {
        return view('libro.ver', compact('libro'));
    } else {
        abort(404);
    }
}

public function editar($id)
{
}

public function actualizar(ValidacionLibro $request, $id)
{
}

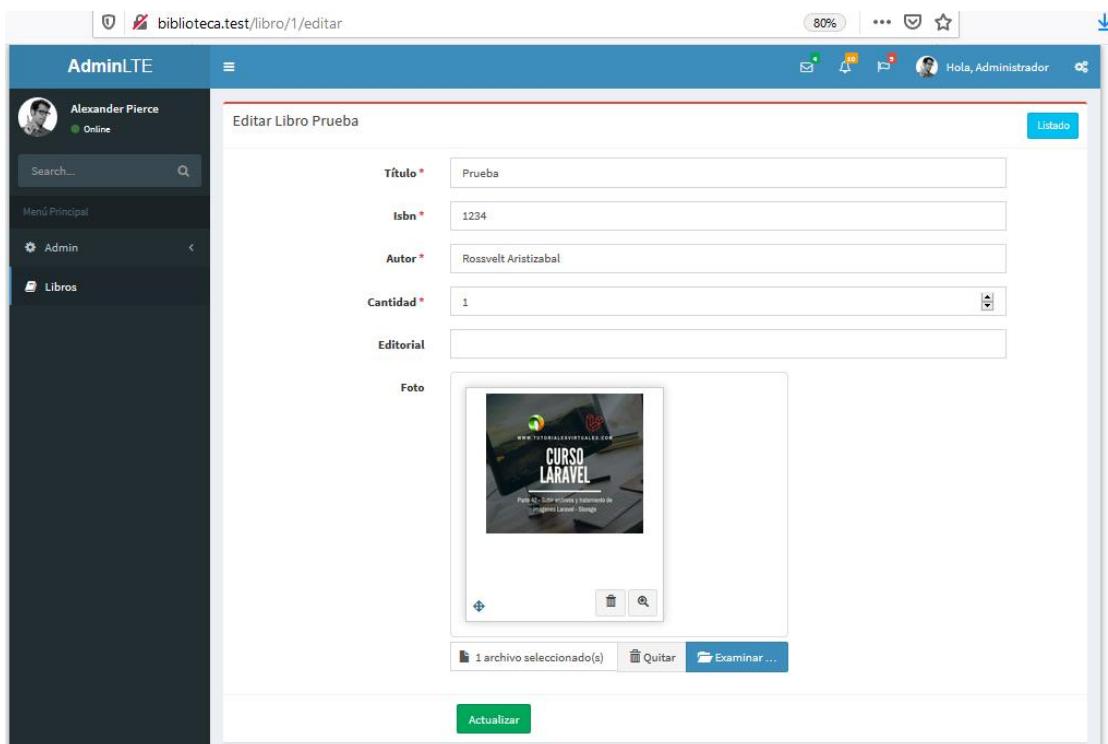
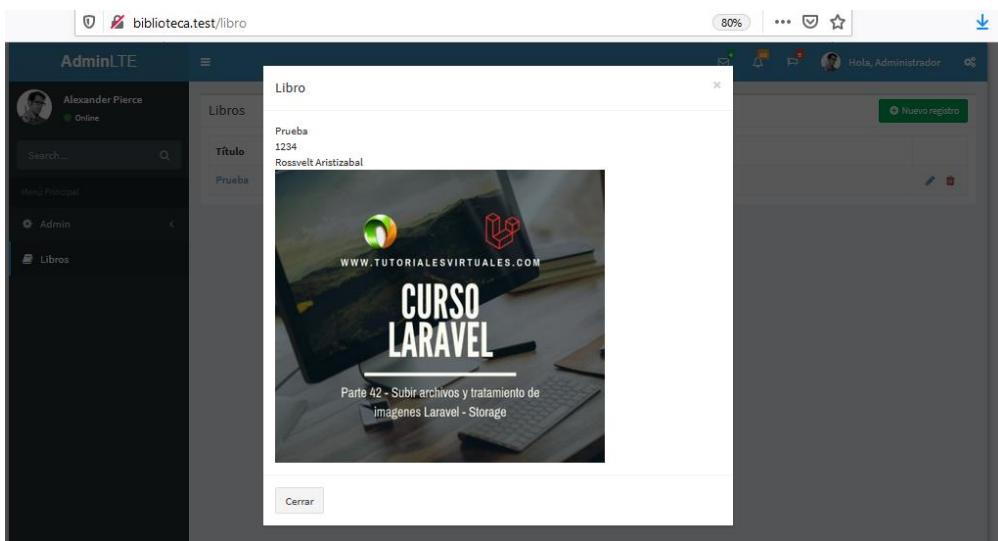
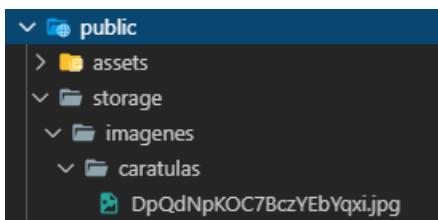
public function eliminar(Request $request, $id)
{
}
}

```



`php artisan storage:link`

```
C:\laragon\www\biblioteca
λ php artisan storage:link
The [public/storage] directory has been linked.
```



The screenshot shows a web-based administration interface titled "AdminLTE". The top navigation bar includes a shield icon, a URL bar with "biblioteca.test/libro", a battery icon at 80%, and user information "Hola, Administrador". On the left, a sidebar displays a profile picture of "Alexander Pierce" (Online), a search bar, and menu items "Menú Principal", "Admin", and "Libros". The main content area has a header "Libros" and a "Nuevo registro" button. A table lists book titles and quantities: "Prueba" (1) and "El Sermon del Monte" (2). Each row has edit and delete icons.

Título	Cantidad		
Prueba	1		
El Sermon del Monte	2		

# Aula 44 - Subir arquivos a dropbox

- Baixe o pacote spatie:

<https://github.com/spatie/flysystem-dropbox>

**composer require spatie/flysystem-dropbox**

```
C:\laragon\www\biblioteca
λ composer require spatie/flysystem-dropbox
Using version ^1.2 for spatie/flysystem-dropbox
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 5 installs, 0 updates, 0 removals
- Installing guzzlehttp/promises (v1.3.1): Downloading (100%)
- Installing guzzlehttp/guzzle (6.4.1): Downloading (100%)
- Installing graham-campbell/guzzle-factory (v3.0.2): Downloading (100%)
- Installing spatie/dropbox-api (1.11.0): Downloading (100%)
- Installing spatie/flysystem-dropbox (1.2.1): Downloading (100%)
Writing lock file
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: intervention/image
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
```

**config\filesystems.php**

```
<?php

return [
    /*
    |--------------------------------------------------------------------------
    | Default Filesystem Disk
    |--------------------------------------------------------------------------
    |
    | Here you may specify the default filesystem disk that should be used
    | by the framework. The "local" disk, as well as a variety of cloud
    | based disks are available to your application. Just store away!
    |
    */
    'default' => env('FILESYSTEM_DRIVER', 'local'),

    /*
    |--------------------------------------------------------------------------
    | Default Cloud Filesystem Disk
    |--------------------------------------------------------------------------
    |
    | Many applications store files both locally and in the cloud. For this
    | reason, you may specify a default "cloud" driver here. This driver
    | will be bound as the Cloud disk implementation in the container.
    |
    */
]
```

```

'cloud' => env('FILESYSTEM_CLOUD', 's3'),

/*
| -----
| Filesystem Disks
| -----
|
| Here you may configure as many filesystem "disks" as you wish, and you
| may even configure multiple disks of the same driver. Defaults have
| been setup for each driver as an example of the required options.
|
| Supported Drivers: "local", "ftp", "sftp", "s3"
|
*/
'disks' => [
  'local' => [
    'driver' => 'local',
    'root' => storage_path('app'),
  ],
  'public' => [
    'driver' => 'local',
    'root' => storage_path('app/public'),
    'url' => env('APP_URL').'/storage',
    'visibility' => 'public',
  ],
  's3' => [
    'driver' => 's3',
    'key' => env('AWS_ACCESS_KEY_ID'),
    'secret' => env('AWS_SECRET_ACCESS_KEY'),
    'region' => env('AWS_DEFAULT_REGION'),
    'bucket' => env('AWS_BUCKET'),
    'url' => env('AWS_URL'),
  ],
  'dropbox' => [
    'driver' => 'dropbox',
    'authorizationToken' => env('DROPBOX_TOKEN')
  ]
],
];

```

# Criando uma app no Dropbox

<https://www.dropbox.com/developers/apps/create>

[https://www.dropbox.com/developers/apps?\\_tk=pilot\\_lp&\\_ad=topbar4&\\_camp=myapps](https://www.dropbox.com/developers/apps?_tk=pilot_lp&_ad=topbar4&_camp=myapps)

- Clique no botão “New App”

 Documentation Guides Community & support

1. Choose an API

Dropbox API

For apps that need to access files in Dropbox. [Learn more](#)



Dropbox Business API

For apps that need access to Dropbox Business team info. [Learn more](#)



2. Choose the type of access you need

[Learn more about access types](#)

App folder – Access to a single folder created specifically for your app.

Full Dropbox – Access to all files and folders in a user's Dropbox.

3. Name your app

- Clique no botão “Create App”

tutoriales-biblioteca

Settings Branding Analytics

---

Status	Development	<span>Apply for production</span>
Development users	Only you	<span>Enable additional users</span>
Permission type	App folder <span>?</span>	
App folder name	tutoriales-biblioteca	<span>Change</span>
App key	5zhj8ruycggy3kb	
App secret	Show	

---

OAuth 2 Redirect URIs

Add

The screenshot shows the 'Generated access token' section with a 'Generate' button. Below it, under 'Chooser/Saver domains', there is a field with 'example.com' and an 'Add' button. A note says: 'If using the Chooser or the Saver on a website, the domain of that site.' Under 'Webhooks', there is a 'Webhook URIs' section with a field containing 'https://'. At the bottom left is a 'Delete app' button.

- Em “Generated access token” clique no botão “Generate”:

**Generated access token**

idFQneZ01WEAAAAAAAEE4sRbQu5YivjhS38POAZ8Tf9lZxmCxacOO\_5L7H-5vAI  
 This access token can be used to access your account (betopinheiro1005@yahoo.com.br) via the API. Don't share your access token with anyone.

- Copie o token gerado na última linha de .env

#### .env

```
APP_NAME=biblioteca
APP_ENV=local
APP_KEY=base64:mi/sUdxQecX0R9xQuVXSJKJZ8zfC4BqrWKk30gyFrOs=
APP_DEBUG=true
APP_URL=http://biblioteca.test
```

```
LOG_CHANNEL=stack
```

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=biblioteca
DB_USERNAME=root
DB_PASSWORD=
```

```
BROADCAST_DRIVER=log
CACHE_DRIVER=redis
QUEUE_CONNECTION=sync
SESSION_DRIVER=file
SESSION_LIFETIME=120
```

```
REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379
```

```
MAIL_DRIVER=smtp
```

```

MAIL_HOST=smtp.mailtrap.io
MAIL_PORT=2525
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null

AWS_ACCESS_KEY_ID=
AWS_SECRET_ACCESS_KEY=
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=

PUSHER_APP_ID=
PUSHER_APP_KEY=
PUSHER_APP_SECRET=
PUSHER_APP_CLUSTER=mt1

MIX_PUSHER_APP_KEY="${PUSHER_APP_KEY}"
MIX_PUSHER_APP_CLUSTER="${PUSHER_APP_CLUSTER}"

```

DROPBOX\_TOKEN = idFQneZ01WEAAAAAAAEE4sRbQu5YivjhS38POAZ8Tf9lZxmCXacOO\_5L7H-5vAI

## Criando o Provider

`php artisan make:provider DropboxServiceProvider`

```
C:\laragon\www\biblioteca
λ php artisan make:provider DropboxServiceProvider
Provider created successfully.
```

`app\Providers\DropboxServiceProvider.php`

```
<?php

namespace App\Providers;

use Illuminate\Support\Facades\Storage;
use League\Flysystem\Filesystem;
use Illuminate\Support\ServiceProvider;
use Spatie\Dropbox\Client as DropboxClient;
use Spatie\FlysystemDropbox\DropboxAdapter;
```

```
class DropboxServiceProvider extends ServiceProvider
{
    public function register()
    {
        //
    }

    public function boot()
    {
        // Extendemos el Storage de Laravel agregando nuestro nuevo driver.
        Storage::extend('dropbox', function ($app, $config) {
            $client = new DropboxClient(
                $config['authorizationToken'] // Hacemos referencia al hash
            );

            return new Filesystem(new DropboxAdapter($client));
        });
    }
}
```

#### config\app.php

```
<?php

return [

    /*
    |--------------------------------------------------------------------------
    | Application Name
    |--------------------------------------------------------------------------
    |
    | This value is the name of your application. This value is used when the
    | framework needs to place the application's name in a notification or
    | any other location as required by the application or its packages.
    |
    */

    'name' => env('APP_NAME', 'Laravel'),

    /*
    |--------------------------------------------------------------------------
    | Application Environment
    |--------------------------------------------------------------------------
    |
    | This value determines the "environment" your application is currently
    | running in. This may determine how you prefer to configure various
    | services the application utilizes. Set this in your ".env" file.
    |
    */

    'env' => env('APP_ENV', 'production'),

    /*
    |--------------------------------------------------------------------------
    | Application Debug Mode
    |--------------------------------------------------------------------------
    |
    | When enabled, Laravel will display detailed error messages in the
    | browser if an exception is thrown while the application is running.
    | These detailed error messages are extremely useful for troubleshooting
    | issues in your application.
    |
    */

]
```

```
|  
| When your application is in debug mode, detailed error messages with  
| stack traces will be shown on every error that occurs within your  
| application. If disabled, a simple generic error page is shown.  
|  
*/  
  
'debug' => env('APP_DEBUG', false),  
  
/*  
|-----  
| Application URL  
|-----  
|  
| This URL is used by the console to properly generate URLs when using  
| the Artisan command line tool. You should set this to the root of  
| your application so that it is used when running Artisan tasks.  
|  
*/  
  
'url' => env('APP_URL', 'http://localhost'),  
  
'asset_url' => env('ASSET_URL', null),  
  
/*  
|-----  
| Application Timezone  
|-----  
|  
| Here you may specify the default timezone for your application, which  
| will be used by the PHP date and date-time functions. We have gone  
| ahead and set this to a sensible default for you out of the box.  
|  
*/  
  
'timezone' => 'UTC',  
  
/*  
|-----  
| Application Locale Configuration  
|-----  
|  
| The application locale determines the default locale that will be used  
| by the translation service provider. You are free to set this value  
| to any of the locales which will be supported by the application.  
|  
*/  
  
'locale' => 'es',  
  
/*  
|-----  
| Application Fallback Locale  
|-----  
|  
| The fallback locale determines the locale to use when the current one  
| is not available. You may change the value to correspond to any of
```

```
| the language folders that are provided through your application.  
|  
| */  
  
'fallback_locale' => 'en',  
  
/*  
|-----  
| Faker Locale  
|-----  
  
| This locale will be used by the Faker PHP library when generating fake  
| data for your database seeds. For example, this will be used to get  
| localized telephone numbers, street address information and more.  
|  
| */  
  
'faker_locale' => 'en_US',  
  
/*  
|-----  
| Encryption Key  
|-----  
  
| This key is used by the Illuminate encrypter service and should be set  
| to a random, 32 character string, otherwise these encrypted strings  
| will not be safe. Please do this before deploying an application!  
|  
| */  
  
'key' => env('APP_KEY'),  
  
'cipher' => 'AES-256-CBC',  
  
/*  
|-----  
| Autoloaded Service Providers  
|-----  
  
| The service providers listed here will be automatically loaded on the  
| request to your application. Feel free to add your own services to  
| this array to grant expanded functionality to your applications.  
|  
| */  
  
'providers' => [  
  
    /*  
     * Laravel Framework Service Providers...  
     */  
    Illuminate\Auth\AuthServiceProvider::class,  
    Illuminate\Broadcasting\BroadcastServiceProvider::class,  
    Illuminate\Bus\BusServiceProvider::class,  
    Illuminate\Cache\CacheServiceProvider::class,  
    Illuminate\Foundation\Providers\ConsoleSupportServiceProvider::class,  
    Illuminate\Cookie\CookieServiceProvider::class,  
    Illuminate\Database\DatabaseServiceProvider::class,
```

```

Illuminate\Encryption\EncryptionServiceProvider::class,
Illuminate\Filesystem\FilesystemServiceProvider::class,
Illuminate\Foundation\Providers\FoundationServiceProvider::class,
Illuminate\Hashing\HashServiceProvider::class,
Illuminate\Mail\MailServiceProvider::class,
Illuminate\Notifications\NotificationServiceProvider::class,
Illuminate\Pagination\PaginationServiceProvider::class,
Illuminate\Pipeline\PipelineServiceProvider::class,
Illuminate\Queue\QueueServiceProvider::class,
Illuminate\Redis\RedisServiceProvider::class,
Illuminate\Auth\Passwords\PasswordResetServiceProvider::class,
Illuminate\Session\SessionServiceProvider::class,
Illuminate\Translation\TranslationServiceProvider::class,
Illuminate\Validation\ValidationServiceProvider::class,
Illuminate\View\ViewServiceProvider::class,

/*
 * Package Service Providers...
 */

/*
 * Application Service Providers...
 */
App\Providers\AppServiceProvider::class,
App\Providers\AuthServiceProvider::class,
// App\Providers\BroadcastServiceProvider::class,
App\Providers\EventServiceProvider::class,
App\Providers\RouteServiceProvider::class,
App\Providers\DropboxServiceProvider::class,
],

/*
| -----
| Class Aliases
| -----
|
| This array of class aliases will be registered when this application
| is started. However, feel free to register as many as you wish as
| the aliases are "lazy" loaded so they don't hinder performance.
|
*/
'aliases' => [
    'App' => Illuminate\Support\Facades\App::class,
    'Arr' => Illuminate\Support\Arr::class,
    'Artisan' => Illuminate\Support\Facades\Artisan::class,
    'Auth' => Illuminate\Support\Facades\Auth::class,
    'Blade' => Illuminate\Support\Facades\Blade::class,
    'Broadcast' => Illuminate\Support\Facades\Broadcast::class,
    'Bus' => Illuminate\Support\Facades\Bus::class,
    'Cache' => Illuminate\Support\Facades\Cache::class,
    'Config' => Illuminate\Support\Facades\Config::class,
    'Cookie' => Illuminate\Support\Facades\Cookie::class,
    'Crypt' => Illuminate\Support\Facades\Crypt::class,
    'DB' => Illuminate\Support\Facades\DB::class,
]

```

```
'Eloquent' => Illuminate\Database\Eloquent\Model::class,
'Event' => Illuminate\Support\Facades\Event::class,
'File' => Illuminate\Support\Facades\File::class,
'Gate' => Illuminate\Support\Facades\Gate::class,
'Hash' => Illuminate\Support\Facades\Hash::class,
'Lang' => Illuminate\Support\Facades\Lang::class,
'Log' => Illuminate\Support\Facades\Log::class,
'Mail' => Illuminate\Support\Facades\Mail::class,
'Notification' => Illuminate\Support\Facades\Notification::class,
>Password' => Illuminate\Support\Facades\Password::class,
'Queue' => Illuminate\Support\Facades\Queue::class,
'Redirect' => Illuminate\Support\Facades\Redirect::class,
'Redis' => Illuminate\Support\Facades\Redis::class,
'Request' => Illuminate\Support\Facades\Request::class,
'Response' => Illuminate\Support\Facades\Response::class,
'Route' => Illuminate\Support\Facades\Route::class,
'Schema' => Illuminate\Support\Facades\Schema::class,
'Session' => Illuminate\Support\Facades\Session::class,
'Storage' => Illuminate\Support\Facades\Storage::class,
'Str' => Illuminate\Support\Str::class,
'URL' => Illuminate\Support\Facades\URL::class,
'Validator' => Illuminate\Support\Facades\Validator::class,
'View' => Illuminate\Support\Facades\View::class,
```

],

];

## app\Models\Libro.php

```
<?php
```

```
namespace App\Models;
```

```
use Illuminate\Database\Eloquent\Model;
use Illuminate\Support\Facades\Storage;
use Illuminate\Support\Str;
use Intervention\Image\Facades\Image;
```

```
class Libro extends Model
{
```

```
    protected $table = "libro";
    protected $fillable = ['titulo', 'isbn', 'autor', 'cantidad', 'editorial', 'foto'];
    protected $guarded = ['id'];
```

```
    public static function setCaratula($foto, $actual = false){
```

```
        if ($foto) {
            if ($actual) {
                // Storage::disk('public')->delete("imagenes/caratulas/$actual");
                Storage::disk('dropbox')->delete("imagenes/caratulas/$actual");
            }
            $imageName = Str::random(20) . '.jpg';
            $imagen = Image::make($foto)->encode('jpg', 75);
```

```
$imagen->resize(530, 470, function ($constraint) {
    $constraint->upscale();
});
Storage::disk('dropbox')->put("imagenes/caratulas/$imageName", $imagen->stream()->__toString());
$dropbox = Storage::disk('dropbox')->getDriver()->getAdapter()->getClient();
$response = $dropbox->createSharedLinkWithSettings("imagenes/caratulas/$imageName",
["requested_visibility" => "public"]);
return str_replace('dl=0', 'raw=1', $response['url']);
} else {
    return false;
}
}
```

 Alexander Pierce ● Online

[Menú Principal](#) [Admin](#) [Libros](#)

Search... 

[Crear Libro](#) [Listado](#)

---

**Título \***

**Isbn \***

**Autor \***

**Cantidad \***  

**Editorial**

**Foto**   
laravel\_aula44.jpg (21.94 KB)  

---

[Cancel](#) [Guardar](#)

The screenshot shows a web application interface for a library system. At the top, there's a header bar with a shield icon, the URL 'biblioteca.test/libro', a battery indicator at 80%, and a menu icon. The main navigation bar has 'AdminLTE' on the left and a user profile on the right. The user profile shows a photo of Alexander Pierce, indicates he is online, and says 'Hola, Administrador'. Below the navigation is a sidebar with 'Search...', 'Menú Principal', 'Admin' (selected), and 'Libros'. The main content area has a title 'Libros' and a green button 'Nuevo registro'. A table lists books with columns for 'Título' and 'Cantidad'. Each row has edit and delete icons.

Título	Cantidad	
Prueba	1	
El Sermon del Monte	2	
Curso Laravel - Aula 44	1	

Showing rows 0 - 2 (3 total, Query took 0.0136 seconds.)

```
SELECT * FROM `libro`
```

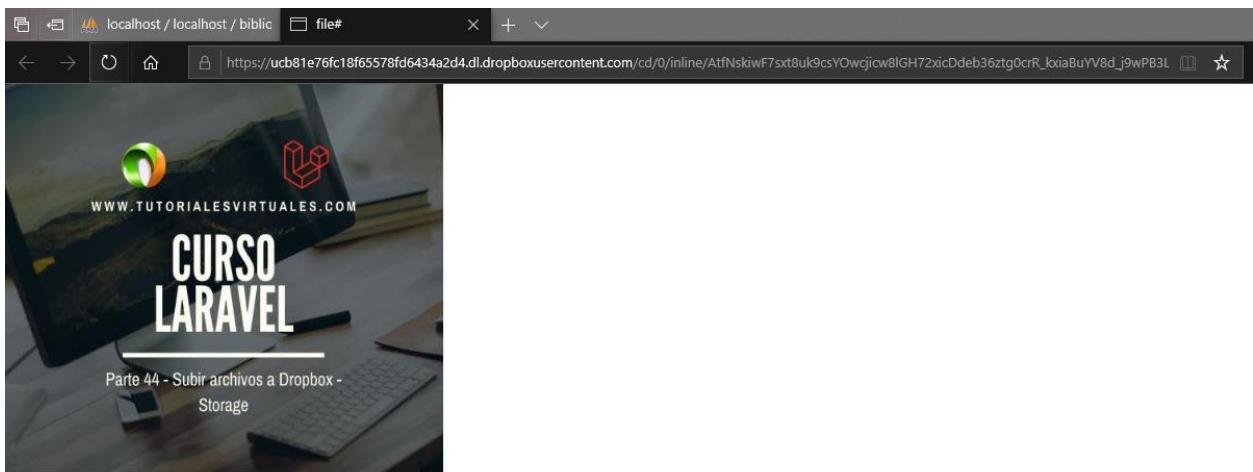
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	<b>id</b>	<b>título</b>	<b>isbn</b>	<b>autor</b>	<b>cantidad</b>	<b>editorial</b>	<b>foto</b>	<b>created_at</b>	<b>updated_at</b>
	<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	1	Prueba	1234	Rossvelt Aristizabal	1	NULL	037Jr9pbItVGWByb8Kf.jpg	2019-12-01 18:31:08	2019-12-01 18:31:08
	<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	2	El Sermon del Monte	5678	D. Martin Lloyd-Jones	2	NULL	wJXkjqd0qodJAfb6bmDO.jpg	2019-12-01 21:19:11	2019-12-01 21:19:11
	<input type="checkbox"/>	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	3	Curso Laravel - Aula 44	12345678	Rossvelt Aristizabal	1	NULL	https://www.dropbox.com/s/pdb33g626tqbzxa/Ve6n9pSC0KeUFkxepJ8l.jpg?raw=1	2019-12-01 23:06:39	2019-12-01 23:06:39

<https://www.dropbox.com/s/pdb33g626tqbzxa/Ve6n9pSC0KeUFkxepJ8l.jpg?raw=1>



localhost / localhost / biblical

localhost / localhost / biblical file# https://ucb81e76fc18f65578fd6434a2d4.dl.dropboxusercontent.com/cd/0/inline/AtfnSkiwF7sxt8uk9csYOwciow8IGH72xicDdeb36ztg0crR\_kxiaBuYV8d\_j9wPB3L

dropbox.com/home

Arquivos

Meus arquivos

Compartilhamento

Solicitações de arquivo

Arquivos excluídos

Dropbox

Visão geral

Ocultar

Clique aqui para descrever esta pasta e transformá-la em um Space [Mostrar exemplos](#)

**Criar novo arquivo**

Nome: Aplicativos

Modificado: --

Membros: Somente você

...  
...

Dropbox > Aplicativos

Visão geral

Ocultar

Clique aqui para descrever esta pasta e transformá-la em um Space [Mostrar exemplos](#)

**Criar novo arquivo**

Nome: tutoriales-biblioteca

Modificado: --

Membros: Somente você

...  
...



Visão geral

Ocultar

Clique aqui para descrever esta pasta e transformá-la em um Space

Mostrar exemplos

**Criar novo arquivo**

Nome ↑	Modificado ↓	Membros ↓	⋮ ↓
imágenes	--	Somente você	...



Visão geral

Ocultar

Clique aqui para descrever esta pasta e transformá-la em um Space

Mostrar exemplos

**Criar novo arquivo**

Nome ↑	Modificado ↓	Membros ↓	⋮ ↓
caratulas	--	Somente você	...



Visão geral

Ocultar

Clique aqui para descrever esta pasta e transformá-la em um Space

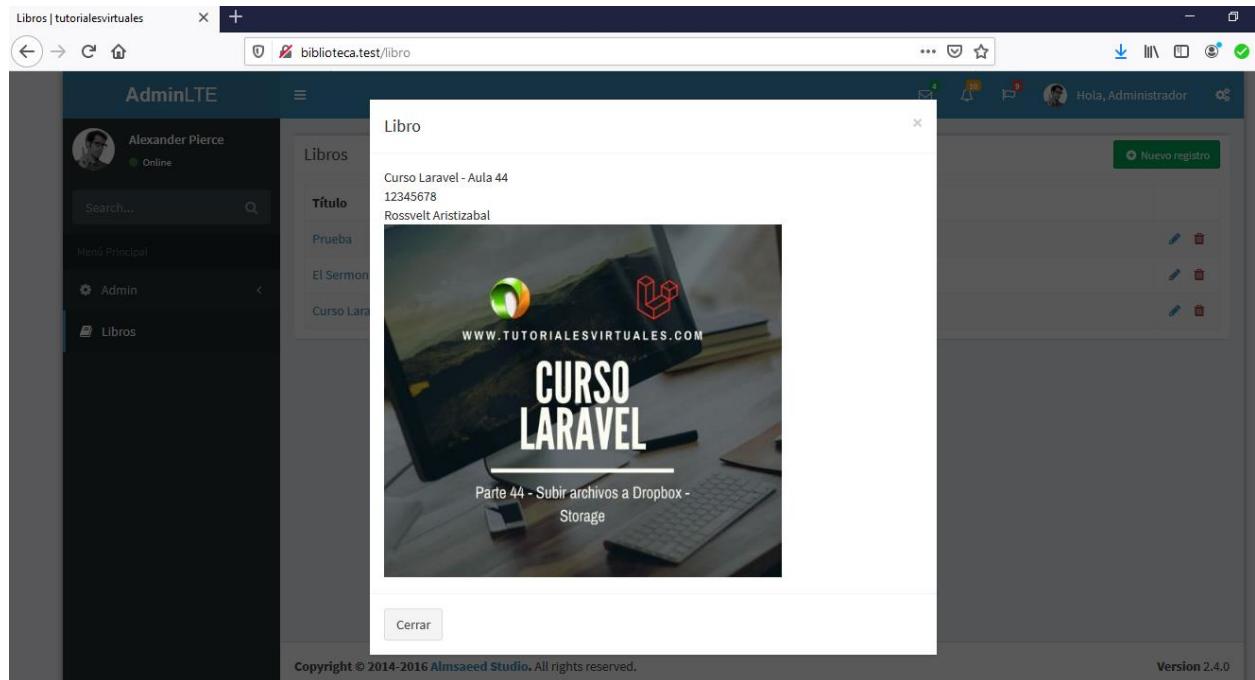
Mostrar exemplos

**Criar novo arquivo**

Nome ↑	Modificado ↓	Membros ↓	⋮ ↓
Ve6n9pSCOKEUFkxepJ8l.jpg	há 45 minutos	⌚ Somente você	...

resources\views\libro\ver.blade.php

```
<div>{{$libro->titulo}}</div>
<div>{{$libro->isbn}}</div>
<div>{{$libro->autor}}</div>
<div></div>
```



# Aula 45 - Modelo Livro terminado

## Editando um livro

app\Http\Controllers\LibroController.php

```
<?php

namespace App\Http\Controllers;

use App\Http\Requests\ValidacionLibro;
use Illuminate\Http\Request;
use App\Models\Libro;
use Illuminate\Support\Facades\Storage;

class LibroController extends Controller
{
    public function index()
    {
        can('listar-libros');
        $datas = Libro::orderBy('id')->get();
        return view('libro.index', compact('datas'));
    }

    public function crear()
    {
        can('crear-libros');
        return view('libro.crear');
    }

    public function guardar(ValidacionLibro $request)
    {
        if ($foto = Libro::setCaratula($request->foto_up))
            $request->request->add(['foto' => $foto]);
        Libro::create($request->all());
        return redirect()->route('libro')->with('mensaje', 'El libro se creo correctamente');
    }

    public function ver(Request $request, Libro $libro)
    {
        if ($request->ajax()) {
            return view('libro.ver', compact('libro'));
        } else {
            abort(404);
        }
    }

    public function editar($id)
    {
        $data = Libro::findOrFail($id);
        return view('libro.editar', compact('data'));
    }
}
```

```

public function actualizar(ValidacionLibro $request, $id)
{
    $libro = Libro::findOrFail($id);
    if ($foto = Libro::setCaratula($request->foto_up, $libro->foto))
        $request->request->add(['foto' => $foto]);
    $libro->update($request->all());
    return redirect()->route('libro')->with('mensaje', 'El libro se actualizó correctamente');
}

public function eliminar(Request $request, $id)
{
    if ($request->ajax()) {
        $libro = Libro::findOrFail($id);
        if (Libro::destroy($id)) {
            Storage::disk('public')->delete("imagenes/caratulas/$libro->foto");
            return response()->json(['mensaje' => 'ok']);
        } else {
            return response()->json(['mensaje' => 'ng']);
        }
    } else {
        abort(404);
    }
}

```

### resources\views\libro\editar.blade.php

```

@extends("theme.$theme.layout")
@section('titulo')
Libros
@endsection

@section("styles")
<link href="{{asset("assets/js/bootstrap-fileinput/css/fileinput.min.css")}}" rel="stylesheet"
type="text/css"/>
@endsection

@section("scriptsPlugins")
<script src="{{asset("assets/js/bootstrap-fileinput/js/fileinput.min.js")}}"
type="text/javascript"></script>
<script src="{{asset("assets/js/bootstrap-fileinput/js/locales/es.js")}}"
type="text/javascript"></script>
<script src="{{asset("assets/js/bootstrap-fileinput/themes/fas/theme.min.js")}}"
type="text/javascript"></script>
@endsection

@section("scripts")
<script src="{{asset("assets/pages/scripts/libro/crear.js")}}" type="text/javascript"></script>
@endsection

@section('contenido')
<div class="row">
    <div class="col-lg-12">
        @include('includes.mensaje')
        @include('includes.form-error')
        <div class="box box-danger">

```

```

<div class="box-header with-border">
    <h3 class="box-title">Editar Libro {{ $data->titulo }}</h3>
    <a href="{{ route('libro') }}" class="btn btn-info btn-sm pull-right">Listado</a>
</div>
<form action="{{ route('actualizar_libro', $data->id) }}" id="form-general" class="form-horizontal" method="POST" autocomplete="off" enctype="multipart/form-data">
    @csrf @method("put")
    <div class="box-body">
        @include('libro.form')
    </div>
    <div class="box-footer">
        <div class="col-lg-3"></div>
        <div class="col-lg-6">
            @include('includes.boton-form-editar')
        </div>
    </div>
    </form>
</div>
</div>
@endsection

```

## Criando validação para Livro

php artisan make:request ValidacionLibro

```

app\Http\Requests\ValidacionLibro.php

<?php

namespace App\Http\Requests;

use Illuminate\Foundation\Http\FormRequest;

class ValidacionLibro extends FormRequest
{
    public function authorize()
    {
        return true;
    }

    public function rules()
    {
        return [
            'titulo' => 'required|max:100',
            'isbn' => 'required|max:30|unique:libro,isbn,' . $this->route('id'),
            'autor' => 'required|max:100',
            'cantidad' => 'required|numeric',
            'editorial' => 'nullable|max:50',
            'foto_up' => 'nullable|image|max:1024'
        ];
    }

    public function messages()

```

```

{
    return [
        'isbn.unique' => 'Ya existe un libro con ese ISBN',
        'foto_up.max' => 'La caratula no puede tener un peso mayor a 1MB'
    ];
}
}

```

### resources\views\includes\form-error.blade.php

```

@if($errors->any())
<div class="alert alert-danger alert-dismissible">
    <button type="button" class="close" data-dismiss="alert" aria-hidden="true">&amptimes</button>
    <h4><i class="icon fa fa-ban"></i> El formulario contiene errores</h4>
    <ul>
        @foreach ($errors->all() as $error)
            <li>{{ $error }}</li>
        @endforeach
    </ul>
</div>
@endif

```

The screenshot shows a web application interface for managing books. On the left, there's a sidebar with user information (Alexander Pierce, Online) and navigation links (Menú Principal, Admin, Libros). The main content area has a title "Editar Libro El Sermon del Monte". Below it, there are several input fields: "Título" (Title) with value "El Sermon del Monte", "ISBN" with value "1234", "Autor" (Author) with value "D. Martin Lloyd-Jones", "Cantidad" (Quantity) with value "2", and an empty "Editorial" field. A "Foto" (Photo) field contains a thumbnail image of a book cover titled "El Sermon del Monte" by D. Martyn Lloyd-Jones. At the top of the main content area, a red banner displays the error message "El formulario contiene errores" with the sub-item "Ya existe un libro con ese ISBN". The browser address bar shows the URL "biblioteca.test/libro/2/editar".

Título *	<input type="text" value="Prueba"/>
Isbn *	<input type="text" value="1234"/>
Autor *	<input type="text" value="Rossvelt Aristizabal"/>
Cantidad *	<input type="text" value="1"/> <span style="font-size: small;">▼ ▲</span>
Editorial	<input type="text"/>
Foto	<div style="border: 1px solid #ccc; padding: 10px; text-align: center;"><p>livro.jpg (1.33 MB)</p><p><span style="color: red;">!</span> <span style="border: 1px solid #ccc; padding: 2px 5px; border-radius: 5px;">🔍</span></p></div> <div style="background-color: #f8d7da; border-radius: 5px; padding: 5px; margin-top: 10px;"><p>El archivo "livro.jpg" (<b>1391.41 KB</b>) excede el tamaño × máximo permitido de <b>1000 KB</b>.</p></div>