

Curso de Laravel 5.8

Roosvelt Aristizabal (TutoriallesVirtuales)

<https://www.youtube.com/watch?v=UG0E3FsMzq4&list=PLZhE4t9ih5N1hiHPPjrT6CycQJeSAvg3V>

Resumo do curso feito por Roberto Pinheiro

Aula 01 - Instalação - Ferramentas iniciais

Iremos criar uma biblioteca totalmente funcional.

Laragon

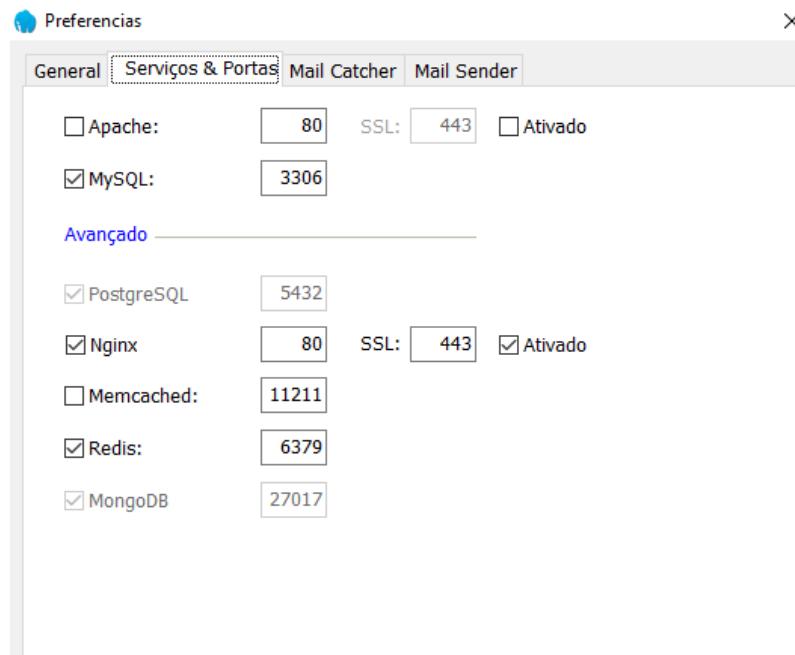
Baixar e instalar Laragon Full em:

<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 Full 4.0.16 190914 php-7.2.19-Win32-VC15-x64 [TS] 192.168.10.1

Menu

MySQL mysql-5.7.24-winx64 started 3306

Nginx nginx-1.16.0 started 80/443 Recarregar

Redis redis-x64-3.2.100 started 6379

Parar Web Banco de Dados Terminal Root

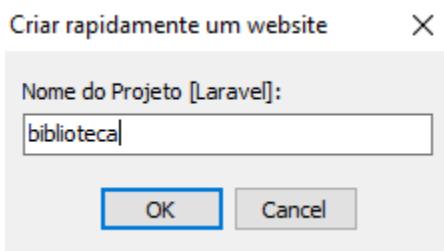
Laragon localhost/ Getting Started

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:



```
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.

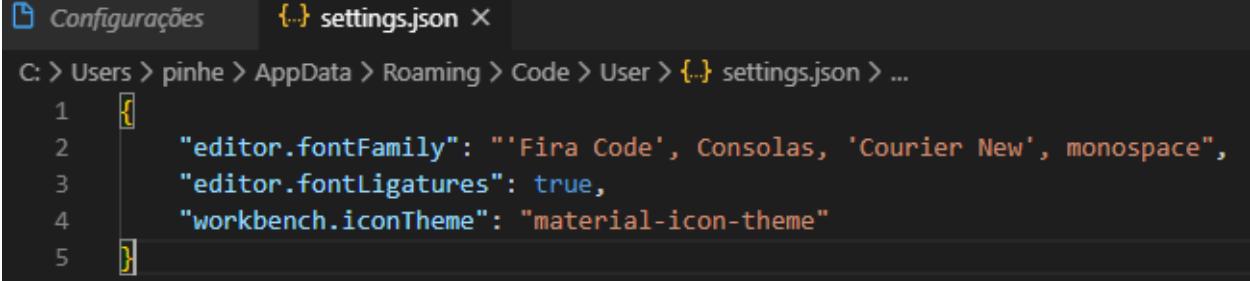
- Salve workspace (área de trabalho) como: Curso Laravel 5.7

- 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:

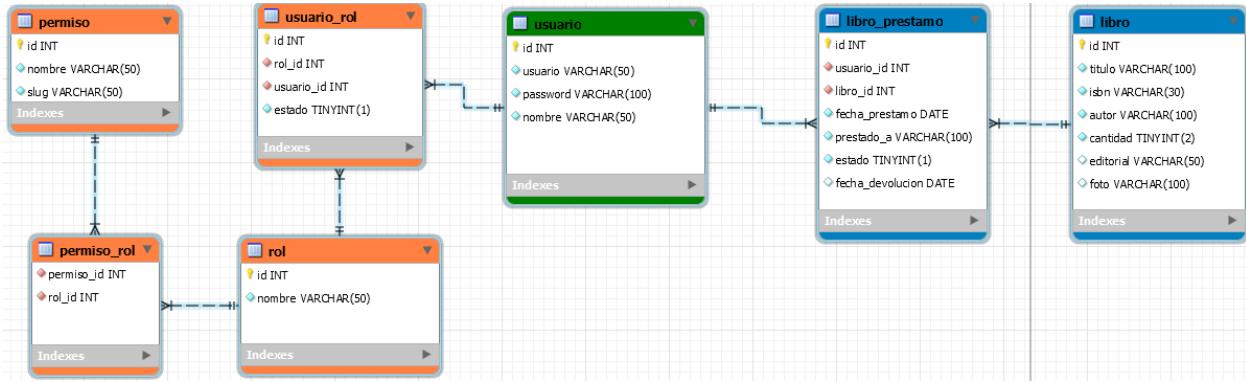
Configurações de usuário no Visual Studio Code



The screenshot shows the Visual Studio Code interface with the 'settings.json' file open. The title bar indicates the file is named 'settings.json'. The code editor displays the following JSON configuration:

```
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  }
```

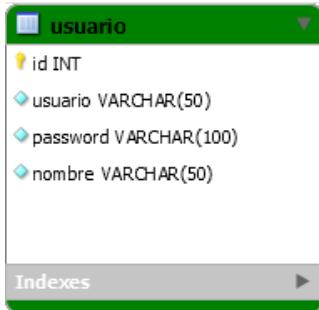
Aula 04 - Modelo Entidade Relação



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

rol	
!	id INT
◊	nombre VARCHAR(50)
Indexes	

```
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_crear_tabla_rol
```

database\migrations\2019_11_17_204902_crear_tabla_rol.php

```
<?php

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

class CrearTablaRol 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_create_tabla_permiso
```

database\migrations\2019_11_17_210159_create_tabla_permiso.php

```
<?php

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

class CreateTablaPermiso 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');
    }
}
```

Tabla usuario_rol

The screenshot shows the 'usuario_rol' table structure in MySQL Workbench. The table has four columns: 'id' (INT), 'rol_id' (INT), 'usuario_id' (INT), and 'estado' (TINYINT(1)). There is also an 'Indexes' section at the bottom.

!	usuario_rol
!	id INT
!	rol_id INT
!	usuario_id INT
!	estado TINYINT(1)
Indexes	

```
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_create_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

permiso_rol ▾	
◆	permiso_id INT
◆	rol_id INT
Indexes	

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

```
C:\laragon\www\biblioteca
λ php artisan make:migration crear_tabla_permiso_rol --create=permiso_rol
Created Migration: 2019_11_17_222432_crear_tabla_permiso_rol
```

database\migrations\2019_11_17_222432_crear_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

libro	
!	id INT
◆	titulo VARCHAR(100)
◆	isbn VARCHAR(30)
◆	autor VARCHAR(100)
◆	cantidad TINYINT(2)
◆	editorial VARCHAR(50)
◆	foto VARCHAR(100)
Indexes	

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_crear_tabla_libro
```

database\migrations\2019_11_17_224533_crear_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(UsersTableSeeder::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

	id	nombre	created_at	updated_at
<input type="checkbox"/>	1	administrador	2019-11-18 15:41:22	NULL
<input type="checkbox"/>	2	editor	2019-11-18 15:41:22	NULL
<input type="checkbox"/>	3	supervisor	2019-11-18 15:41:22	NULL

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

Aula 09 - Routes

Criando o controller Permiso

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

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

Para limpar o cache:

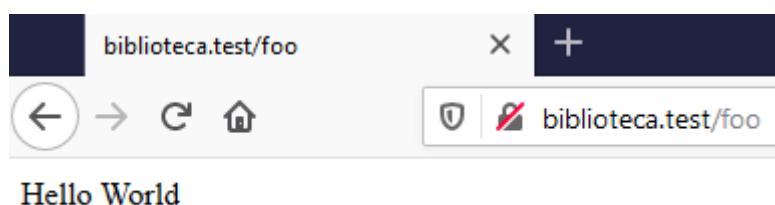
```
php artisan optimize:clear
```

```
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');
```

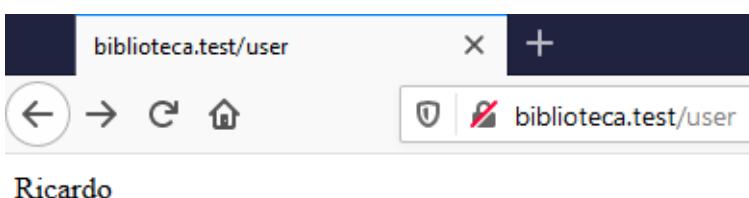
resources\views\permisos\index.blade.php

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



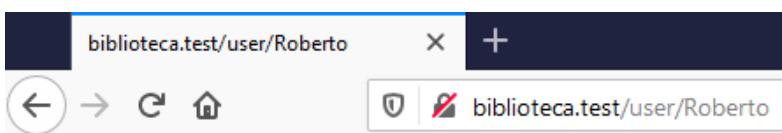
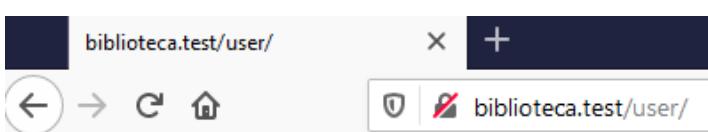
routes\web.php

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

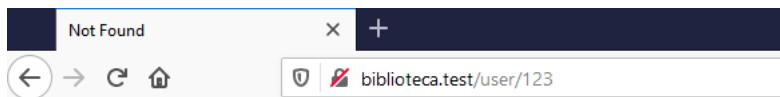


routes\web.php

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



Roberto



404 | Not Found

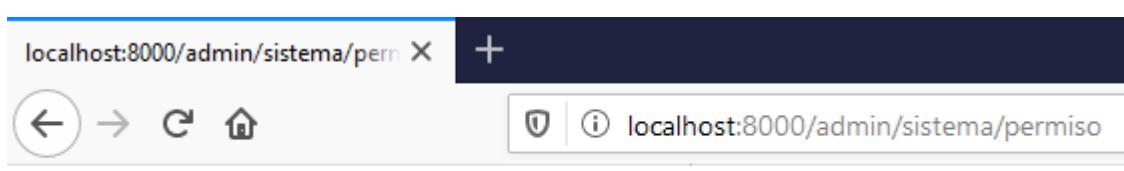
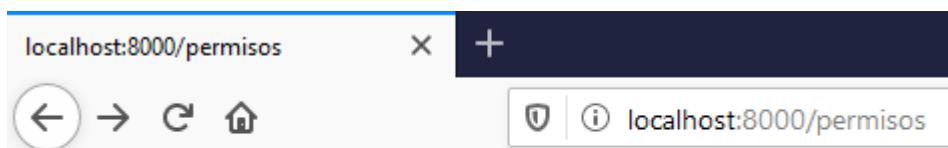
routes\web.php

```
<?php
```

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

resources\views\permisos\index.blade.php

```
<a href="{{route('permiso')}}">Ir a permisos</a>
```



Aula 10 - Blade - AdminLTE I

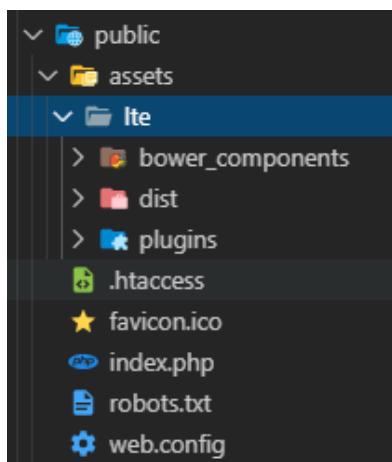
- Fazer o download de AdminLTE versão 2.4.10

- 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:

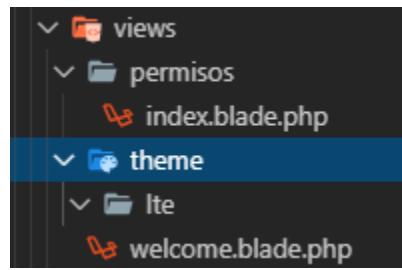
- bower_components
- dist
- plugins



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 lte.



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>
                <button type="button" class="btn btn-box-tool" data-widget="remove" data-toggle="tooltip" title="Remove">
                    <i class="fa fa-times"></i>
                </button>
            </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;
<!-- SlimScroll --&gt;
&lt;script src="{{asset("assets/$theme/bower_components/jquery-slimscroll/jquery.slimscroll.min.js")}}"&gt;&lt;/script&gt;
<!-- FastClick --&gt;
&lt;script src="{{asset("assets/$theme/bower_components/fastclick/lib/fastclick.js")}}"&gt;&lt;/script&gt;
<!-- AdminLTE App --&gt;
&lt;script src="{{asset("assets/$theme/dist/js/adminlte.min.js")}}"&gt;&lt;/script&gt;
<!-- 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;
resources\views\theme\lte\header.blade.php
</pre>

```

```

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

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

```

```

<!-- 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 --&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;ul&gt;
            &lt;/li&gt;
            &lt;!-- 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;/li&gt;
&lt;/ul&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 © 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 -->
<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">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 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 Elements</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>
<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>

```

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localhost:8000

AdminLTE

Alexander Pierce Online

Search... 

MAIN NAVIGATION

Dashboard

Layout Options  4

- Top Navigation
- Boxed**
- Fixed
- Collapsed Sidebar

Widgets 

Charts

UI Elements

Forms

Tables

Boxed Layout Blank example to the boxed layout

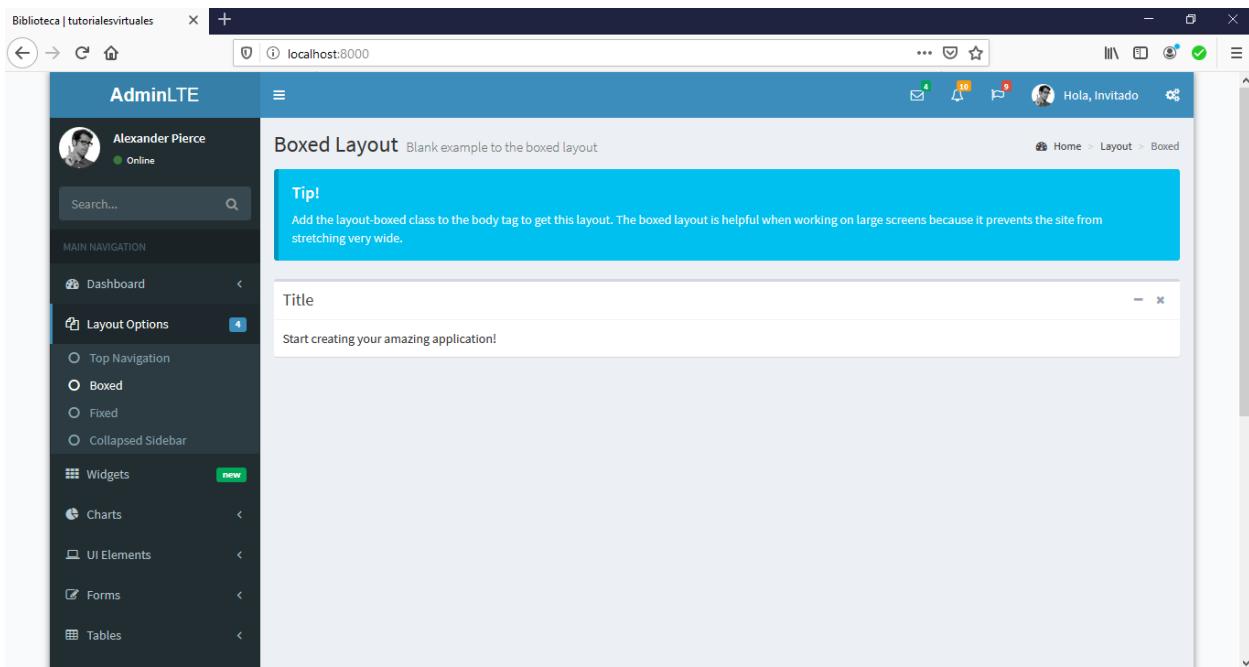
Tip!

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.

Title

Start creating your amazing application!

Home > Layout > Boxed

A screenshot of a web browser displaying the AdminLTE boxed layout template. The page has a dark sidebar on the left containing navigation links like Dashboard, Layout Options (with a tip about the boxed layout), Widgets, Charts, UI Elements, Forms, and Tables. The main content area is titled 'Boxed Layout' and contains a 'Tip!' section with instructions about the layout class. Below the tip is a title input field with the placeholder 'Start creating your amazing application!'. The top right corner shows a user profile for 'Alexander Pierce' and a notification badge with the number '4'. The browser's address bar shows 'localhost:8000'.

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)
    {

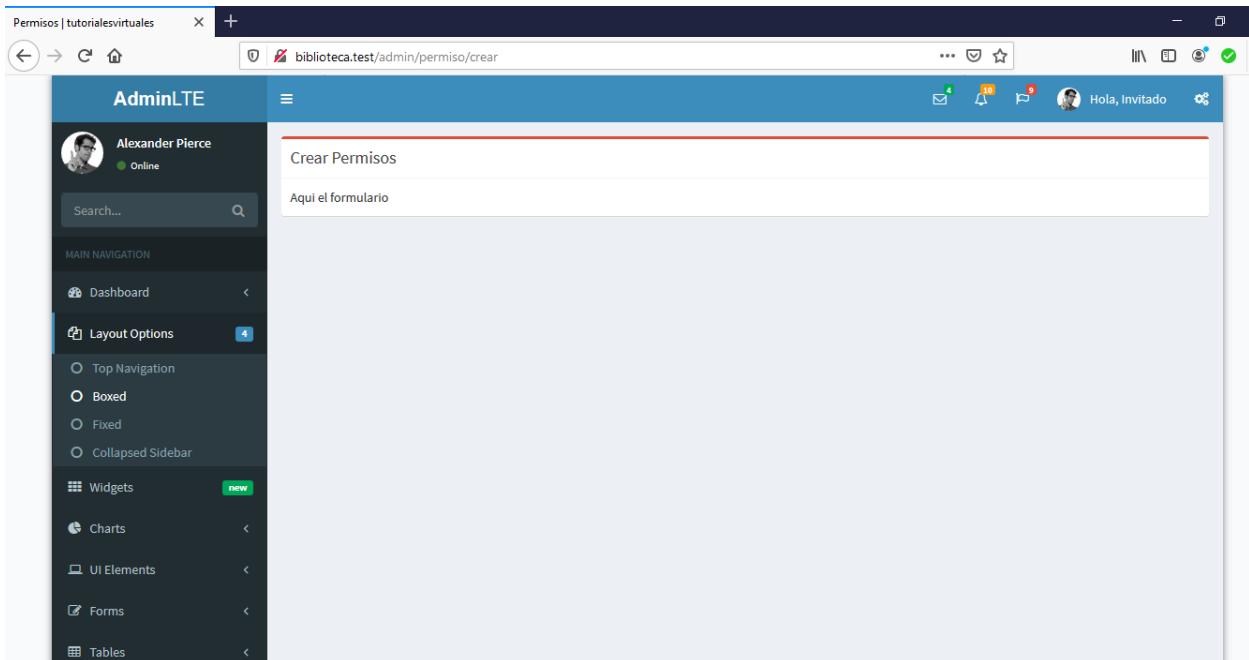
    }

    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="row">
    <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
```



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_crear_tabla_menu
```

database\migrations\2019_11_22_155231_crear_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=
```

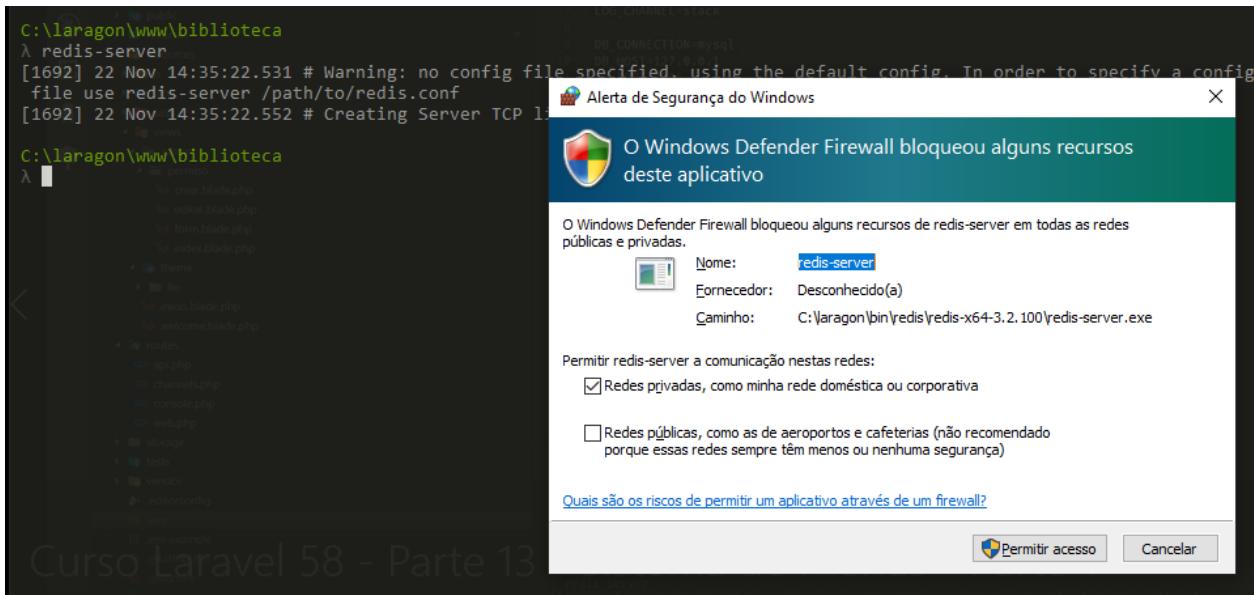
```
PUSHER_APP_ID=
PUSHER_APP_KEY=
PUSHER_APP_SECRET=
PUSHER_APP_CLUSTER=mt1
```

```
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



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="row">
    <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")}}">
```



```

        <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>

```

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

```

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

```

Sistema Menús | tutorialesvirtuales X +

AdminLTE

Alexander Pierce
Online

Search...

MAIN NAVIGATION

- Dashboard
- Layout Options 4
- Top Navigation
- Boxed

Crear Menús

Nombre *

Url *

Icono

[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="row">
    <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>
</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/Laraveles/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 application interface. On the left is a dark sidebar with the title "AdminLTE". It displays a user profile picture of Alexander Pierce, status "Online", and a search bar. The sidebar has a "MAIN NAVIGATION" section with "Dashboard", "Layout Options" (selected), "Top Navigation", "Boxed", "Fixed", "Collapsed Sidebar", and "Widgets". A "new" button is at the bottom of the sidebar.

The main content area has a header "Sistema Menús | tutorialesvirtuales" and a sub-header "biblioteca.test/admin/menu/crear". The top right corner shows a user icon and the greeting "Hola, Invitado".

A red error box is prominently displayed, containing the message "El formulario contiene errores" with two bullet points: "El campo nombre es requerido." and "El campo url es requerido."

Below the error box is a form titled "Crear Menús". It has three input fields: "Nombre*" (with a red asterisk), "Url*", and "Icono". At the bottom of the form are "Cancel" and "Guardar" buttons.

Criando uma nova regra de validação

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

```
C:\laragon\www\biblioteca
λ 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

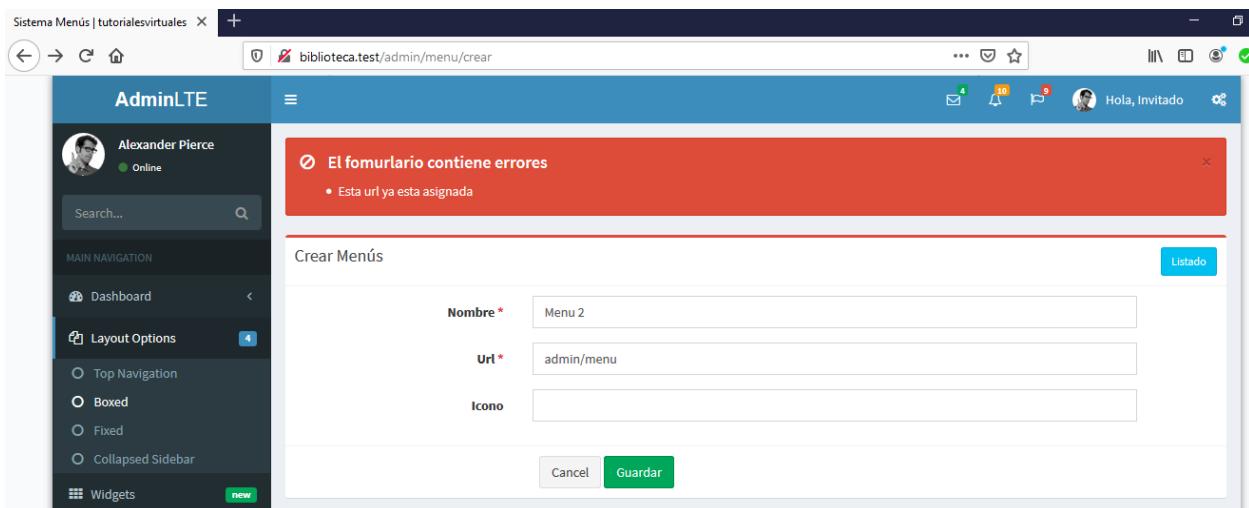
```
<?php

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'
        ];
    }
}
```



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

Alexander Pierce
Online

Search...

MAIN NAVIGATION

Dashboard

Layout Options

Top Navigation

Boxed

Crear Menús

Nombre *

Url *

Icono

Cancel Guardar

Listado

Sistema Menús | tutorialesvirtuales X +

biblioteca.test/admin/menu/crear

AdminLTE

Alexander Pierce
Online

Search...

MAIN NAVIGATION

Dashboard

Layout Options

Top Navigation

Boxed

Fixed

Collapsed Sidebar

Widgets

✓ Mensaje sistema Biblioteca

- Menú creado con éxito

Crear Menús

Nombre *

Url *

Icono

Cancel Guardar

Listado

Sistema Menús | tutorialesvirtuales X +

biblioteca.test/admin/menu/crear

AdminLTE

Alexander Pierce
Online

Search...

MAIN NAVIGATION

Dashboard

Layout Options

Top Navigation

Boxed

Crear Menús

Nombre *

Url *

Icono

Cancel Guardar

Listado

Sistema Menús | tutorialesvirtuales X +

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

Listado

Nombre *

Url *

Icono

Cancel Guardar

The screenshot shows the AdminLTE dashboard with a sidebar containing navigation links like Dashboard, Layout Options, Top Navigation, Boxed, Fixed, Collapsed Sidebar, and Widgets. A success message 'Menú creado con éxito' is displayed in a green box. Below it, a modal titled 'Crear Menús' is open, asking for 'Nombre', 'Url', and 'Icono' with a 'Guardar' button.

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

← T →	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	Permiso	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

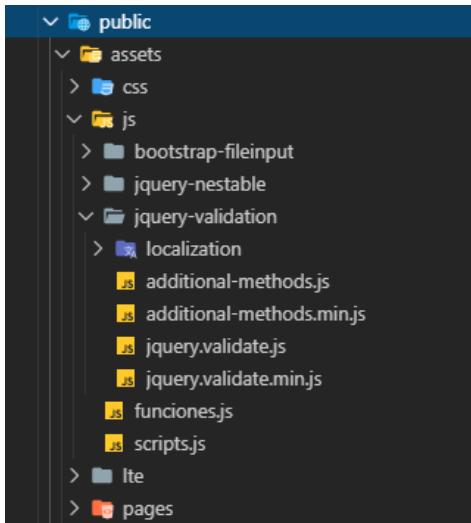
Check all With selected:

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")}}>

<!-- 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 -->

    <!-- 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>
```

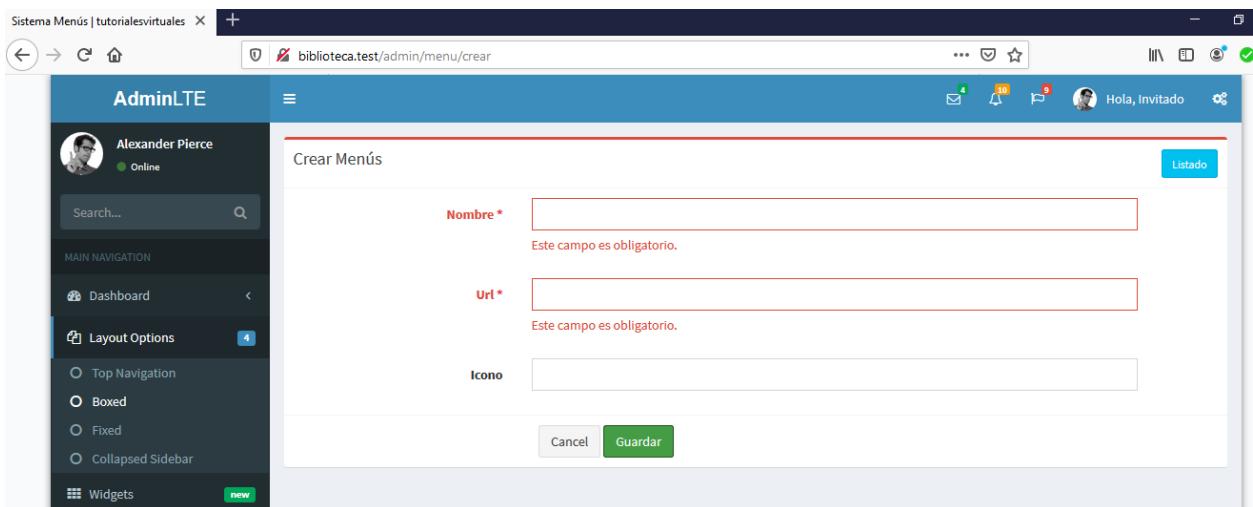
public\assets\js\funciones.js

```
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 BOOTSTRAP
                        error.insertAfter(element); //element.next().after(error);
                    } else if ($(element).is('select') && element.hasClass('select2-hidden-accessible')) {
```

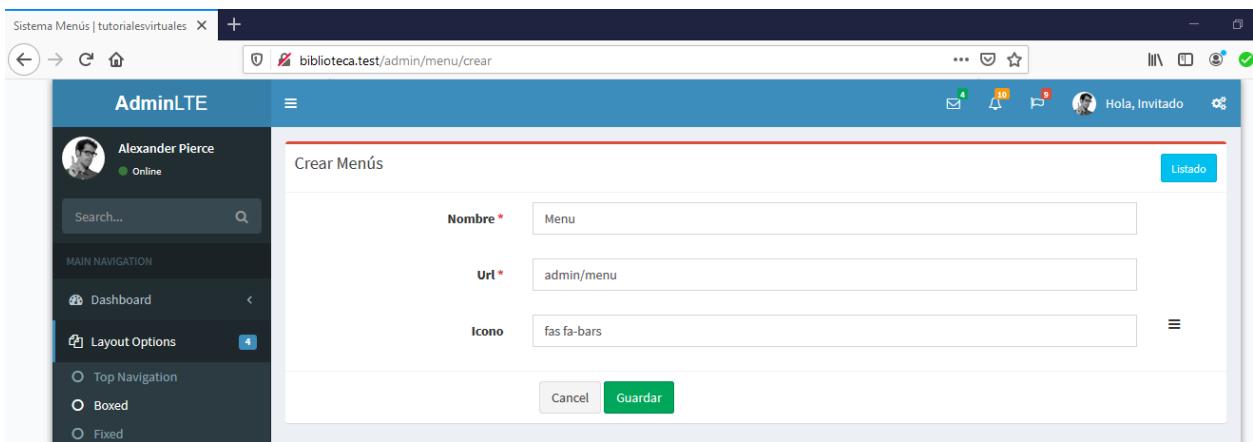
```

        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 X +

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

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MAIN NAVIGATION

- [Dashboard](#)
- [Layout Options](#)
- [Top Navigation](#)
- [Boxed](#)

Crear Menús

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

Cancel Guardar

Listado

Sistema Menús | tutorialesvirtuales X +

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

AdminLTE

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MAIN NAVIGATION

- [Dashboard](#)
- [Layout Options](#)
- [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"/>				1	0	Menu	admin/menu	0	fas fa-bars	2019-11-24 20:03:22	2019-11-24 20:03:22
<input type="checkbox"/>				2	0	Permiso	admin/permiso	0	fas fa-cog	2019-11-24 20:25:38	2019-11-24 20:25:38
<input type="checkbox"/>				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:

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();
```



```
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/_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/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 menú



@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 usandolo',
'Biblioteca', 'error');
            }
        },
        error: function () {
            }
        });
    });
}
```

Menú | tutorialesvirtuales

biblioteca.test/admin/menu

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MAIN NAVIGATION

Dashboard

Menús

[Crear menú](#)

	Menu Url -> admin/menu	Icono -> fa-bars	orden -> 0	created_at -> 2019-11-24 20:03:22	updated_at -> 2019-11-24 20:03:22
<input type="checkbox"/>	Edit Copy Delete	fas fa-bars	0	2019-11-24 20:03:22	2019-11-24 20:03:22
<input type="checkbox"/>	Edit Copy Delete	fas fa-cog	0	2019-11-24 20:25:38	2019-11-24 20:25:38
<input type="checkbox"/>	Edit Copy Delete	fas fa-users	0	2019-11-24 20:30:31	2019-11-24 20:30:31

Menú | tutorialesvirtuales

biblioteca.test/admin/menu

Hola, Invitado

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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

	Edit	Copy	Delete	id	menu_id	nombre	url	orden	icono	created_at	updated_at
<input type="checkbox"/>	Edit	Copy	Delete	1	0	Menu	admin/menu	1		2019-11-24 20:03:22	2019-11-24 21:09:32
<input type="checkbox"/>	Edit	Copy	Delete	2	1	Permiso	admin/permiso	1		2019-11-24 20:25:38	2019-11-24 21:09:32
<input type="checkbox"/>	Edit	Copy	Delete	3	1	Usuario	admin/usuario	2		2019-11-24 20:30:31	2019-11-24 21:09:32

Check all With selected: Edit Copy Delete Export

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/_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 --&gt;
@include("theme/$theme/footer")
<!-- Fin Footer --&gt;
&lt;/div&gt;
&lt;script src="{{asset("assets/$theme/bower_components/jquery/dist/jquery.min.js")}}"&gt;&lt;/script&gt;
&lt!-- 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>
```

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')


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


### Editar Rol



Volver al listado



@csrf @method("put")


@include('admin.rol.form')



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


```

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 BOOTSTRAP
                        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 'Roles' management page in AdminLTE. The left sidebar displays the user profile 'Alexander Pierce' and navigation links for 'Dashboard' and 'Layout Options'. The main content area is titled 'Roles' and lists three entries: 'administrador', 'editor', and 'supervisor'. Each entry has edit and delete icons next to it. A green 'Nuevo registro' button is located at the top right of the table.

The screenshot shows the 'Crear Rol' (Create Role) form. The left sidebar is identical to the previous screenshot. The main form has a 'Nombre*' field containing 'administrador', a 'Guardar' (Save) button, and a 'Cancelar' (Cancel) button. A blue 'Volver al listado' (Return to list) button is located at the top right of the form area.

The screenshot shows the 'Editar Rol' (Edit Role) form for the role 'administrador'. The left sidebar is identical. The main form has a 'Nombre*' field containing 'administrador', an 'Actualizar' (Update) button, and a 'Cancelar' button. A blue 'Volver al listado' button is located at the top right.

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/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');
    /*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')
<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">Menús - Rol</h3>
            </div>
            <div class="box-body">
                @csrf
                <table class="table table-striped table-bordered table-hover" id="tabla-data">
                    <thead>
                        <tr>
                            <th>Menú</th>
                            @foreach ($rols as $id => $nombre)
                                <th class="text-center">{!!$nombre!!}</th>
                            @endforeach
                        </tr>
                    </thead>
                    <tbody>
                        @foreach ($menus as $key => $menu)
                            @if ($menu["menu_id"] != 0)
                                @break
                            @endif
                            <tr>
                                <td class="font-weight-bold"><i class="fa fa-arrows-alt"></i> {{ $menu["nombre"] }}</td>
                                @foreach($rols as $id => $nombre)
                                    <td class="text-center">
                                        <input
                                            type="checkbox"
                                            class="menu_rol"
                                            name="menu_rol[]"
                                            data-menuid="{!!$menu[ "id"]!!}
                                            value="{{$id}}" {{in_array($id, array_column($menusRols[$menu["id"]], "id"))? "checked" : ""}}>
                                    </td>
                                @endforeach
                            </tr>
                            @foreach($menu["submenu"] as $key => $hijo)
                                <tr>
                                    <td class="pl-20"><i class="fa fa-arrow-right"></i> {{ $hijo["nombre"] }}</td>
                                    @foreach($rols as $id => $nombre)
                                        <td class="text-center">
                                            <input
                                                type="checkbox"
                                                class="menu_rol"
                                                name="menu_rol[]"
                                                data-menuid="{!!$hijo[ "id"]!!}
                                                value="{{$id}}" {{in_array($id, array_column($menusRols[$hijo["id"]], "id"))? "checked" : ""}}>
                                        </td>
                                    @endforeach
                                </tr>
                            @endforeach
                        @endforeach
                    </tbody>
                </table>
            </div>
        </div>
    </div>
</div>
```

```

        </td>
    @endforeach
</tr>
@foreach ($hijo["submenu"] as $key => $hijo2)
<tr>
    <td class="pl-30"><i class="fa fa-arrow-right"></i> {{$hijo2["nombre"]}}</td>
    @foreach($rols as $id => $nombre)
        <td class="text-center">
            <input
                type="checkbox"
                class="menu_rol"
                name="menu_rol[]"
                data-menuid={{$hijo2[ "id"]}}
                value="{{$id}}" {{in_array($id, array_column($menusRols[$hijo2["id"]], "id"))? "checked" :
                ""}}>
        </td>
    @endforeach
</tr>
@foreach ($hijo2["submenu"] as $key => $hijo3)
<tr>
    <td class="pl-40"><i class="fa fa-arrow-right"></i> {{$hijo3["nombre"]}}</td>
    @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');
        }
    });
}
```

Menú | tutorialesvirtuales

[AdminLTE](#)

Alexander Pierce
Online

Search...

MAIN NAVIGATION

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

biblioteca.test/admin/menu

Hola, Invitado

Menús

[Crear menú](#)

id	menu_id	nombre	url	orden	icono	created_at	updated_at
1	0	Admin	admin/admin	1	fas fa-cog	2019-11-25 14:33:47	2019-11-25 14:40:31
2	1	Menu	admin/menu	1	fas fa-bars	2019-11-25 14:34:38	2019-11-25 14:40:31
3	1	Menu-Rol	admin/menu-rol	2	fa fa-tasks	2019-11-25 14:36:24	2019-11-25 14:40:31
4	1	Permitido	admin/permiso	3	NULL	2019-11-25 14:38:44	2019-11-25 14:40:31
5	1	Permitido-Rol	admin/permiso-rol	4	NULL	2019-11-25 14:39:20	2019-11-25 14:40:31
6	0	Usuario	admin/usuario	2	fas fa-users	2019-11-25 14:40:22	2019-11-25 14:40:31

+ Options

id	menu_id	nombre	url	orden	icono	created_at	updated_at
1	0	Admin	admin/admin	1	fas fa-cog	2019-11-25 14:33:47	2019-11-25 14:40:31
2	1	Menu	admin/menu	1	fas fa-bars	2019-11-25 14:34:38	2019-11-25 14:40:31
3	1	Menu-Rol	admin/menu-rol	2	fa fa-tasks	2019-11-25 14:36:24	2019-11-25 14:40:31
4	1	Permitido	admin/permiso	3	NULL	2019-11-25 14:38:44	2019-11-25 14:40:31
5	1	Permitido-Rol	admin/permiso-rol	4	NULL	2019-11-25 14:39:20	2019-11-25 14:40:31
6	0	Usuario	admin/usuario	2	fas fa-users	2019-11-25 14:40:22	2019-11-25 14:40:31

Menú - Rol | tutorialesvirtuales

[AdminLTE](#)

Alexander Pierce
Online

Search...

MAIN NAVIGATION

- Dashboard
- Layout Options
 - Top Navigation
 - Boxed
 - Fixed
 - Collapsed Sidebar

biblioteca.test/admin/menu-rol

Hola, Invitado

Menús - Rol

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"/>
→ Permitido	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
→ Permitido-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->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';
    }
}
```

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,600ita
lic">
</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>
```

```

<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

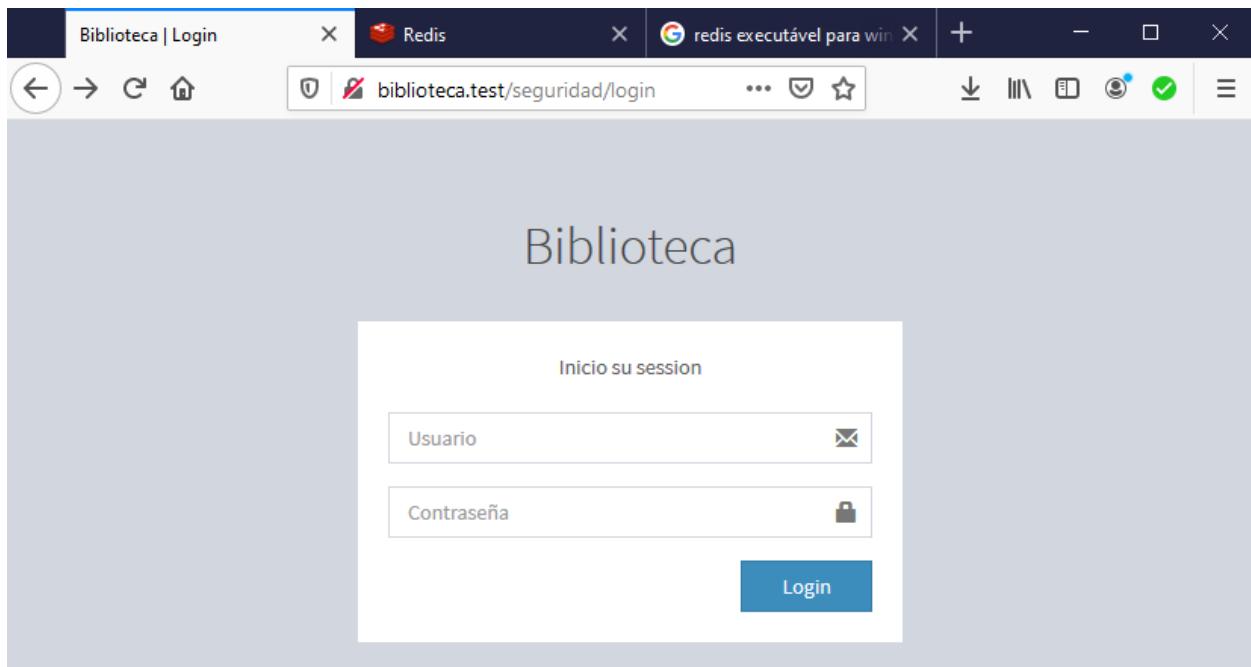
REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379

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}"
```



Two side-by-side screenshots of a login page. Both show the 'Inicio su session' form. The left screenshot shows an error message 'El campo password es requerido.' above the password field, which contains 'Contraseña'. The right screenshot shows an error message 'El campo usuario es requerido.' above the username field, which contains 'aristizabal'.

Two side-by-side screenshots of a login page. Both show the 'Inicio su session' form. The left screenshot shows an error message 'Demasiados intentos de acceso. Inténtelo de nuevo en 13 segundos.' above the password field, which contains 'Contraseña'. The right screenshot shows an error message 'Las credenciales introducidas son incorrectas.' above the password field, which contains 'Contraseña'.

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

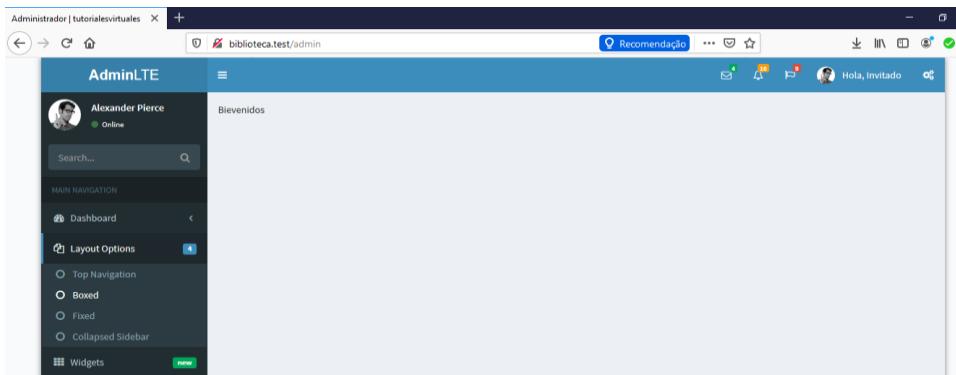
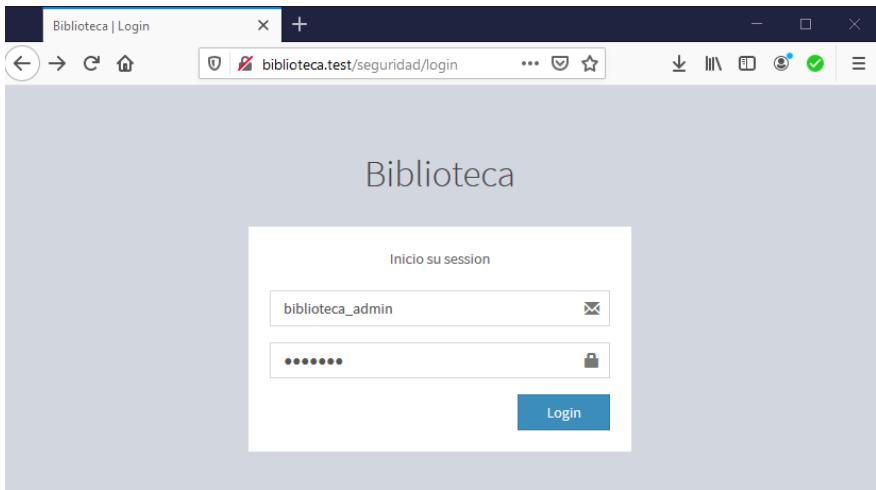
```
php artisan db:seed --class=UsuarioAdministradorSeeder
```

```
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:

- Query bar: SELECT * FROM `usuario`
- Message bar: Showing rows 0 - 0 (1 total, Query took 0.0482 seconds.)
- 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	
- Buttons: Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Re]
- Table footer: Show all Number of rows: 25 Filter rows: Search this table



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(UsersTableSeeder::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.)

SELECT * FROM `usuario`							
<input type="checkbox"/>	Profiling	Edit inline	Edit	Explain SQL	Create PHP code	Re	
<input type="checkbox"/>	Show all	Number of rows:	25	<input type="button" value="▼"/>	Filter rows:	<input type="text" value="Search this table"/>	
+ Options							
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SELECT * FROM `usuario_rol`						
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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';

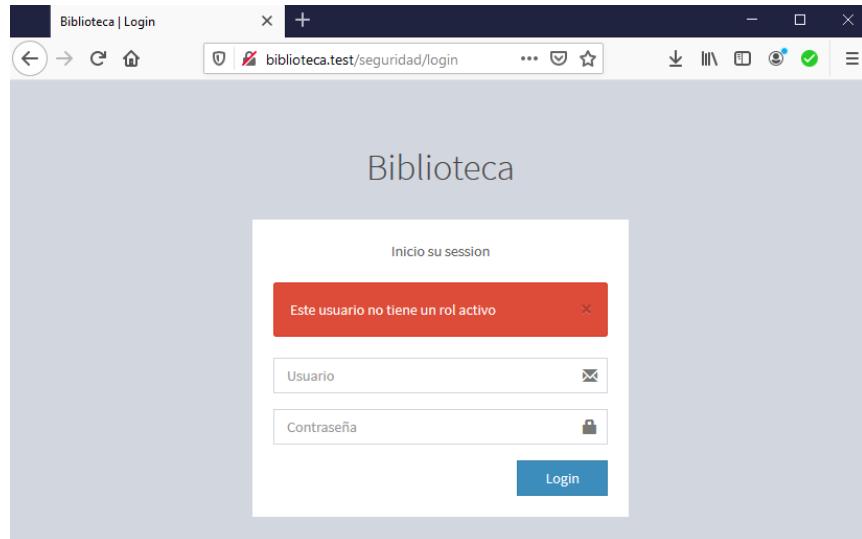
    public function __construct()
    {
        $this->middleware('guest')->except('logout');
    }

    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>
                        <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
        <small>Member since Nov. 2012</small>
      </p>
    </li>
  </ul>
</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>
```

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
Seeding: TablaRolSeeder
Seeded: TablaRolSeeder (0.27 seconds)
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

	<input type="checkbox"/>	<input type="text" value="T"/>	<input type="button" value="→"/>	<input type="checkbox"/>	<input type="text" value="id"/>	<input type="text" value="usuario"/>	<input type="text" value="password"/>	<input type="checkbox"/>	<input type="text" value="nombre"/>	<input type="text" value="created_at"/>	<input type="text" value="updated_at"/>
	<input type="checkbox"/>				1	biblioteca_admin	\$2y\$10\$D7Amh.3MFUMsblEdub6IjebI/TdTgIYUDg3K1RK4OM...	<input type="checkbox"/>	Administrador	<input type="text" value="NULL"/>	<input type="text" value="NULL"/>
	<input type="checkbox"/>				2	rat	\$2y\$10\$e3Yfy7OSMo5DbnsVLvrJ8O5lMeY01kNDEcQIB0sXmh...	<input type="checkbox"/>	Roosevelt	<input type="text" value="NULL"/>	<input type="text" value="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

	<input type="checkbox"/>	<input type="text" value="T"/>	<input type="button" value="→"/>	<input type="checkbox"/>	<input type="text" value="id"/>	<input type="text" value="rol_id"/>	<input type="text" value="usuario_id"/>	<input type="checkbox"/>	<input type="text" value="estado"/>	<input type="checkbox"/>	<input type="text" value="created_at"/>	<input type="checkbox"/>	<input type="text" value="updated_at"/>
	<input type="checkbox"/>				1	1	1	<input type="checkbox"/>	1	<input type="text" value="NULL"/>	<input type="text" value="NULL"/>		
	<input type="checkbox"/>				2	2	2	<input type="checkbox"/>	1	<input type="text" value="NULL"/>	<input type="text" value="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\Permito;
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
\ composer dump-autoload
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

```

Menú | tutorialesvirtuales

biblioteca.test/admin/menu

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Admin

- Menu
- Menu-Rol
- Permiso
- Permiso-Rol
- Roles

Usuario

Menús

[Crear menú](#)

- Admin | Url -> admin/admin Icôno ->

☰ Menu | Url -> admin/menu Icôno ->

☰ Menu-Rol | Url -> admin/menu-rol Icôno ->

☰ Permiso | Url -> admin/permiso Icôno ->

☰ Permiso-Rol | Url -> admin/permiso-rol Icôno ->

☰ Roles | Url -> admin/rol Icôno ->

☰ Usuario | Url -> admin/usuario Icôno ->

Menú - Rol | tutorialesvirtuales

biblioteca.test/admin/menu-rol

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Admin

- Menu
- Menu-Rol
- Permiso
- Permiso-Rol
- Roles

Usuario

Menús - Rol

administrador editor supervisor

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]);
                                    }
                                }
                            }
                        }
                    }
                }
            }
        }
    }
}

```

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)
    {
        $data = Menu::findOrFail($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')


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


### Crear Menús

Listado


<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>


@endsection
```

```
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 menú



@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']])}}>{{ $item['nombre'] . " | Url -> " . $item['url']}}>{{ $item['icono'] ? $item['icono'] : ""}}</a>
        <span style="color:red;">title="Eliminar este menú"><i class="text-danger fa fa-trash-o"></i></span>
    </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']])}}>{{ $item['nombre'] . " | Url -> " . $item['url']}}>{{ $item['icono'] ? $item['icono'] : ""}}</a>
        <span style="color:red;">title="Eliminar este menú"><i class="text-danger fa fa-trash-o"></i></span>
    </div>
<ol class="dd-list">
    @foreach ($item["submenu"] as $submenu)
        @include("admin.menu.menu-item", [ "item" => $submenu ])
    @endforeach
</ol>
</li>
@endif
```

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

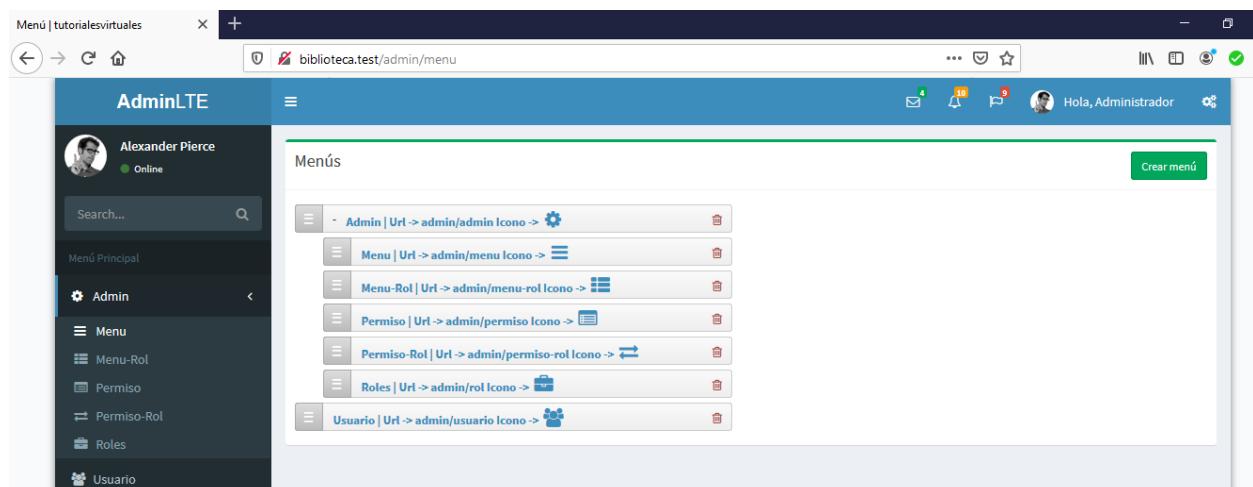
```
$(document).ready(function () {
    Biblioteca.validacionGeneral('form-general');
    $('#icono').on('blur', function () {
        $('#mostrar-icono').removeClass().addClass('fa fa-fw ' + $(this).val());
    });
});
```

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="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')


@include('includes.mensaje')


### Editar Permisos {{$data->nombre}}

Listado



@csrf @method("put")


@include('admin.permiso.form')



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


```

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')


### Permisos

Crear permiso



| ID                | Nombre                | Slug                | width70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-----------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| {{\$permiso->id}} | {{\$permiso->nombre}} | {{\$permiso->slug}} | <a \$permiso-&gt;id])}}"="" ['id'="&gt;" class="btn-accion-tabla tooltipsC" editar_permiso",="" href="{{route(" title="Editar este registro"> <i class="fa fa-edit"></i> </a> <a \$permiso-&gt;id])}}"="" ['id'="&gt;" class="d-inline form-eliminar" eliminar_permiso",="" href="{{route(" method="POST"> @csrf @method("delete") <input class="btn-accion-tabla eliminar tooltipsC" title="Eliminar este registro" type="submit" value="&lt;i class='fa fa-times-circle text-danger'&gt;&lt;/i&gt;&lt;/button&gt;"/> </a> |

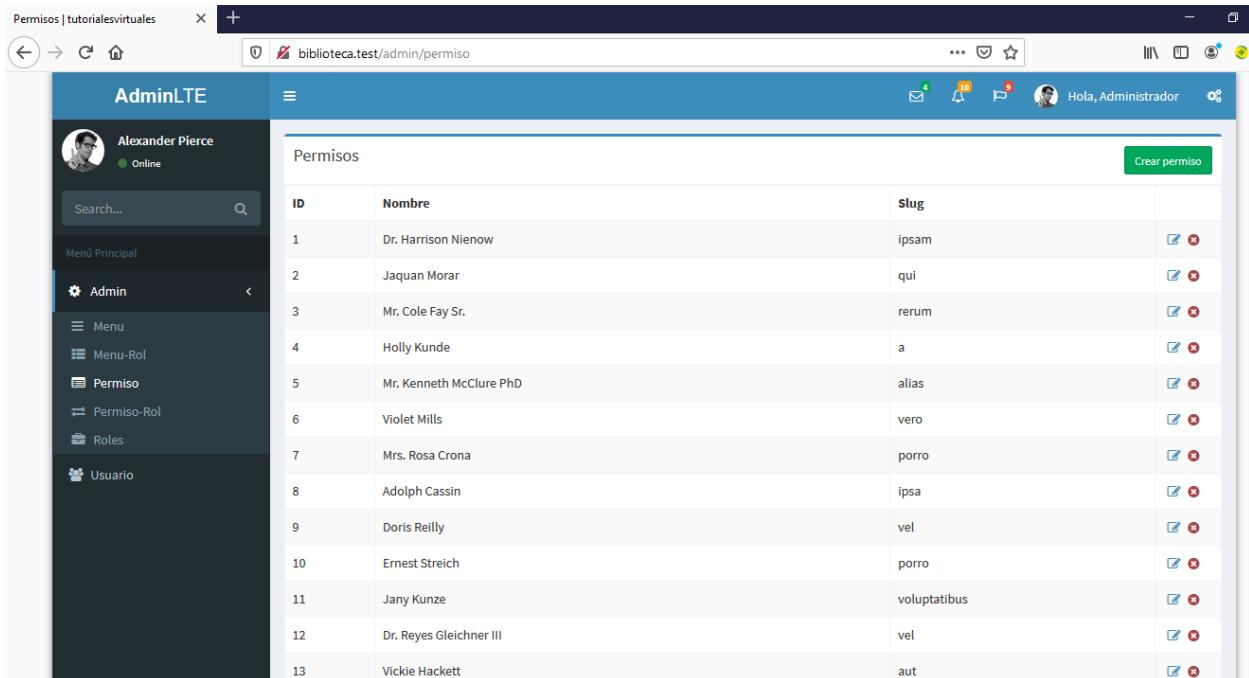

```

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

```

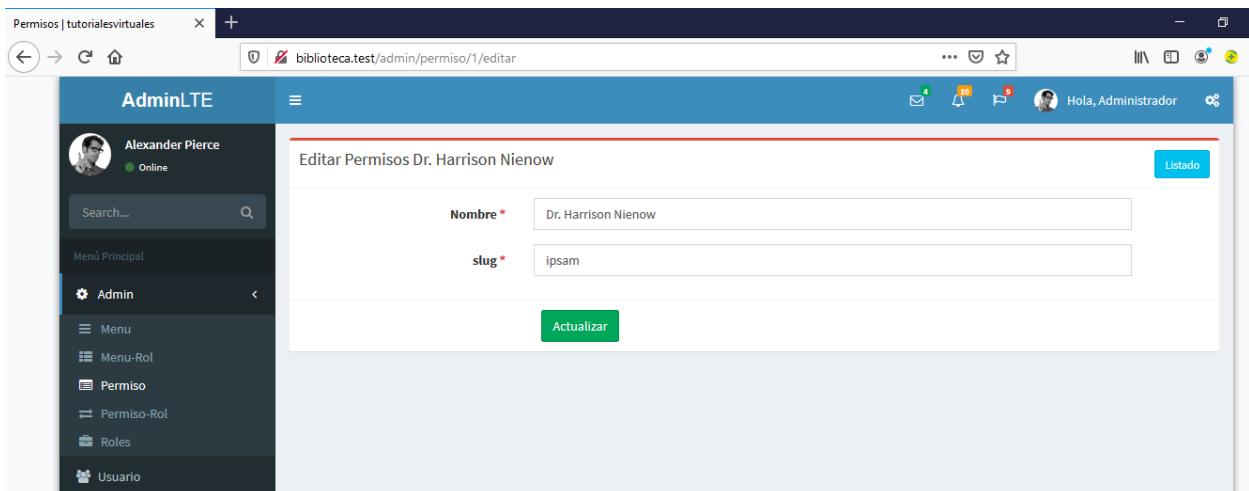
$(document).ready(function () {
    Biblioteca.validacionGeneral('form-general');
    $('#nombre').on('change',function(){
        $('#slug').val($(this).val().toLowerCase().replace(/\ /g, '-'))
    })
});

```



The screenshot shows the AdminLTE dashboard for managing permissions. The left sidebar has a dark theme with a user profile (Alexander Pierce, online) and a search bar. Under the 'Admin' section, 'Permiso' is selected. The main content area is titled 'Permisos' and displays a table with 13 rows of permission data. Each row includes an ID, Nombre, Slug, and two action buttons (edit and delete).

| ID | Nombre | Slug |
|----|-------------------------|--------------|
| 1 | Dr. Harrison Nienow | ipsam |
| 2 | Jaquean 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'. It contains two input fields: 'Nombre*' with the value 'Dr. Harrison Nienow' and 'slug*' with the value 'ipsam'. A green 'Actualizar' button is at the bottom right.

The screenshot shows the AdminLTE dashboard with a modal dialog centered over a table of permissions. The modal has a yellow exclamation mark icon and asks, "¿Está seguro que desea eliminar el registro?", with "Cancelar" and "Aceptar" buttons. The table lists 10 permission entries with columns for ID, Nombre, and Slug.

| ID | Nombre | Slug |
|----|---------------------|-------|
| 1 | Dr. Hannibal Lecter | ipsam |
| 2 | Jacques Audiard | qui |
| 3 | Mr. Christian | rerum |
| 4 | Holly Golightly | a |
| 5 | Mr. Keaton | alias |
| 6 | Violetta | vero |
| 7 | Mrs. Robinson | porro |
| 8 | Adolph Hitler | ipsa |
| 9 | Doris Hare | vel |
| 10 | Ernest Strich | porro |

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

The screenshot shows the AdminLTE dashboard with a "Crear Permisos" (Create Permission) form. It contains fields for "Nombre*" (Prestar libros) and "slug*" (prestar-libros). There are "Cancel" and "Guardar" (Save) buttons.

The screenshot shows the AdminLTE dashboard with the updated list of permissions. The table now includes three new rows: "Prestar libros" (slug: prestar-libros), "Editar libros" (slug: editar-libros), and "Crear libros" (slug: crear-libros).

| 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")}}" type="text/javascript"></script>
@endsection

@section('contenido')


@include('includes.mensaje')


### Permiso - Rol



@csrf


| Permiso                  |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| {{ \$permiso["nombre"]}} | @foreach(\$rols as \$id => \$nombre) <td class="text-center"> <input ""}}}="" "checked":="" "id"))?="" "id"]}}="" \$permiso[="" <="" array_column(\$permisosrols[\$permiso["id"]],="" class="permiso_rol" data-permisoid="{{" name="permiso_rol[]" td="" type="checkbox" value="{{\$id}}" {{in_array(\$id,=""/> </td> | <input ""}}}="" "checked":="" "id"))?="" "id"]}}="" \$permiso[="" <="" array_column(\$permisosrols[\$permiso["id"]],="" class="permiso_rol" data-permisoid="{{" name="permiso_rol[]" td="" type="checkbox" value="{{\$id}}" {{in_array(\$id,=""/> |


```

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 browser window titled "Permiso - Rol | tutorialesvirtuales". The URL in the address bar is "biblioteca.test/admin/permiso-rol". The page has a dark blue header with the text "AdminLTE". On the left, there is a sidebar with a user profile picture of Alexander Pierce (Online), a search bar, and menu items like "Menú Principal", "Admin", "Menu", and "Menu-Rol". The main content area is titled "Permiso - Rol" and contains a table:

| 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"/> |

A green notification bar at the top right of the content area says "El rol se asigno correctamente".

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->título}}</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>
</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
```

```

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="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">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>
</div>
@endsection

```

```

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

```

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

| Icon | URL | Icono |
|------|----------------------------------------|-------|
| | Admin Url -> admin/admin | |
| | Menu Url -> admin/menu | |
| | Menu-Rol Url -> admin/menu-rol | |
| | Permito Url -> admin/permiso | |
| | Permito-Rol Url -> admin/permiso-rol | |
| | Roles Url -> admin/rol | |
| | Libros Url -> libro | |
| | Usuario Url -> admin/usuario | |

| 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/sUdxQecX0R9xQuVXSJKZ8zfC4BqrWKk30gyFrOs=
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
```

The screenshot shows a web application interface titled "Permiso - Rol". On the left, there is a sidebar with a user profile for "Alexander Pierce" (Online), a search bar, and a navigation menu with items like "Menú Principal", "Admin", "Menu", "Menu-Rol", and "Permiso". The main content area displays a table titled "Permiso - Rol" with four columns: "Permiso", "administrador", "editor", and "supervisor". The rows represent actions: "Prestar libros", "Editar libros", "Crear libros", and "Listar libros". Checkmarks indicate which roles have permission for each action.

| 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"/> |

The screenshot shows a login page for a library system. The title bar says "Biblioteca | Login". The main content area has a heading "Biblioteca" and a login form titled "Inicio su session". The form contains two input fields: one for "username" with the value "rat" and another for "password" with the value "*****". Below the password field is a lock icon. A blue "Login" button is at the bottom right of the form.

Libros | tutorialesvirtuales

biblioteca.test/libro

AdminLTE

Alexander Pierce
Online

Search...

Menú Principal

Libros

Libros

4 10 9 Hola, Roosevelt

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

The screenshot shows a web application interface titled "AdminLTE". The top navigation bar includes a user profile for "Alexander Pierce" (Online), a search bar, and several notification icons (4 messages, 10 notifications, 9 pending actions). The main content area is titled "Menús - Rol" and displays a table of menu items and their permissions across three roles: "administrador", "editor", and "supervisor".

| 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"/> |

The left sidebar shows a navigation menu with the following items:

- Menú Principal
- Admin
- Usuario
- Menu
- Menu-Rol
- Permiso
- Permiso-Rol
- Roles
- Libros

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 |
|----------------------------------------------------------------------------------------------------------------------------------------|----|---------|----------------------------------------------------------|---------------|-------------------|------------|------------|
| <input type="checkbox"/> <input type="button" value="Edit"/> <input type="button" value="Copy"/> <input type="button" value="Delete"/> | 1 | admin | \$2y\$10\$h0kaA2Grr6NSMr6HWh1tGufBA22yYvYj3HbN0nc/75K... | Administrador | prueban@gmail.com | NULL | NULL |

Views - Usuario

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

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

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

@section('contenido')
<div class="row">
 <div class="col-lg-12">
 @include('includes.mensaje')
 <div class="box">
 <div class="box-header with-border">
 <h3 class="box-title">Usuarios</h3>
 <div class="box-tools pull-right">
 <a href="{{route('crear_usuario')}}" 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>Usuario</th>
 <th>Nombre</th>
 <th>Email</th>
 <th>Roles</th>
 <th class="width70"></th>
 </tr>
 </thead>
 <tbody>
 @foreach ($datas as $data)
 <tr>
 <td>$data->usuario</td>
 <td>$data->nombre</td>
 <td>$data->email</td>
 <td>
 @foreach ($data->roles as $rol)
 {{$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')}}" type="text/javascript"></script>
@endsection

@section('contenido')


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


### Crear usuario



Volver al listado



<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>


@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="">Selecciona 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:

The screenshot shows the 'Crear usuario' (Create User) form in the AdminLTE interface. The form fields are as follows:

- Nombre ***: Roosevelt
- Usuario ***: rat
- E-Mail ***: rgt90@hotmail.com
- Contraseña ***: (redacted)
- Repita Contraseña ***: (redacted)
- Rol ***: A dropdown menu showing three options: 'administrador', 'editor' (which is selected), and 'supervisor'.

At the bottom right of the form are two buttons: 'Cancelar' (Cancel) and 'Guardar' (Save).

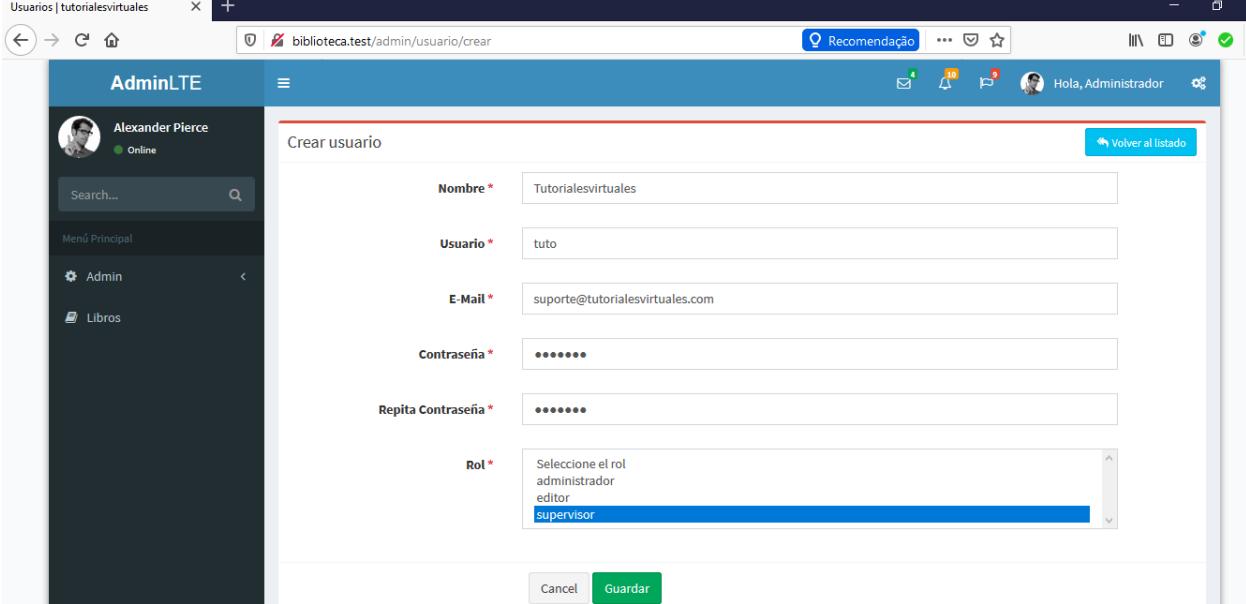
The screenshot shows the 'Usuarios' (Users) list page in the AdminLTE interface. The table displays the following user information:

| Usuario | Nombre | Email | Roles |
|---------|---------------|-------------------|---------------|
| admin | Administrador | admin@gmail.com | administrador |
| rat | Roosevelt | rgt90@hotmail.com | editor |

At the top right of the table is a green button labeled 'Nuevo registro' (New registration).

Aula 35 - CRUD Usuário II

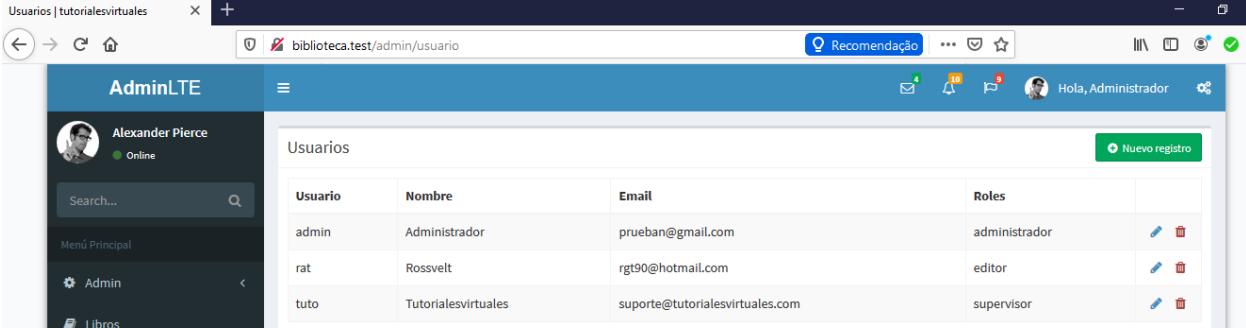
- Criar um novo usuário como supervisor:



The screenshot shows the 'Crear usuario' (Create User) form in the AdminLTE interface. The form fields are as follows:

- Nombre ***: Tutorialesvirtuales
- Usuario ***: tuto
- E-Mail ***: suporte@tutorialesvirtuales.com
- Contraseña ***: (redacted)
- Repita Contraseña ***: (redacted)
- Rol ***: A dropdown menu showing 'seleccione el rol' (select role), 'administrador', 'editor', and 'supervisor'. 'supervisor' is highlighted with a blue selection bar.

At the bottom right of the form are 'Cancel' and 'Guardar' buttons.



The screenshot shows the 'Usuarios' (Users) list page in the AdminLTE interface. The table displays the following user information:

| Usuario | Nombre | Email | Roles |
|---------|---------------------|---------------------------------|---------------|
| admin | Administrador | prueban@gmail.com | administrador |
| rat | Rossvelt | rgrt90@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' application interface. On the left, there's a dark sidebar with user info (Alexander Pierce, Online) and navigation links: 'Search...', 'Menú Principal', 'Admin' (selected), 'Usuario', 'Menu', 'Menu Rol', 'Permiso', 'Permiso Rol', 'Roles', and 'Libros'. The main content area has a title 'Editar Usuario Tutorialesvirtuales'. It contains several input fields: 'Nombre *' (Tutorialesvirtuales), 'Usuario *' (tuto), 'E-Mail *' (suporte@tutorialesvirtuales.com), 'Contraseña' (a field containing four asterisks with a red border and the error message 'Por favor, no escribas menos de 5 caracteres.' below it), 'Repita Contraseña' (an empty field), and a 'Rol *' dropdown menu where 'supervisor' is selected. At the bottom right is a green 'Actualizar' button.

Usuarios | tutorialesvirtuales

biblioteca.test/admin/usuario/3/editar

Hola, Administrador

AdminLTE

Alexander Pierce
Online

Search...

Menú Principal

Admin

Usuario

- Menu
- Menu Rol
- Permiso
- Permiso Rol
- Roles
- Libros

Editar Usuario Tutorialesvirtuales

Volver al listado

Nombre *: Tutorialesvirtuales

Usuario *: tuto

E-Mail *: suporte@tutorialesvirtuales.com

Contraseña:

Repita Contraseña:

Las contraseñas no coinciden

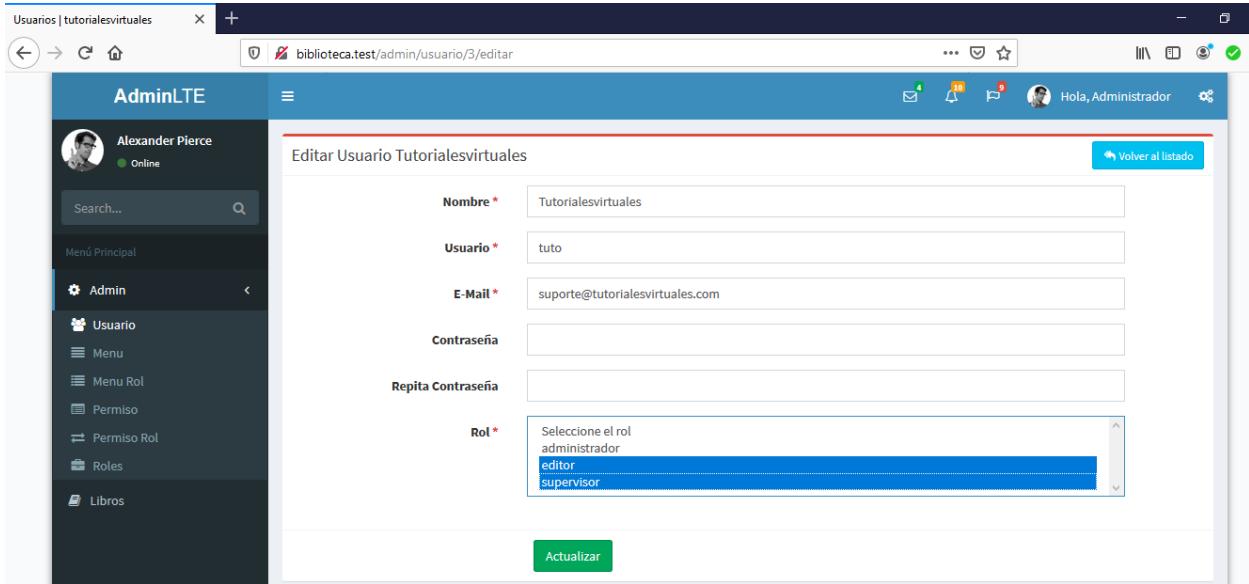
Rol *: Seleccione el rol
administrador
editor
supervisor

Actualizar

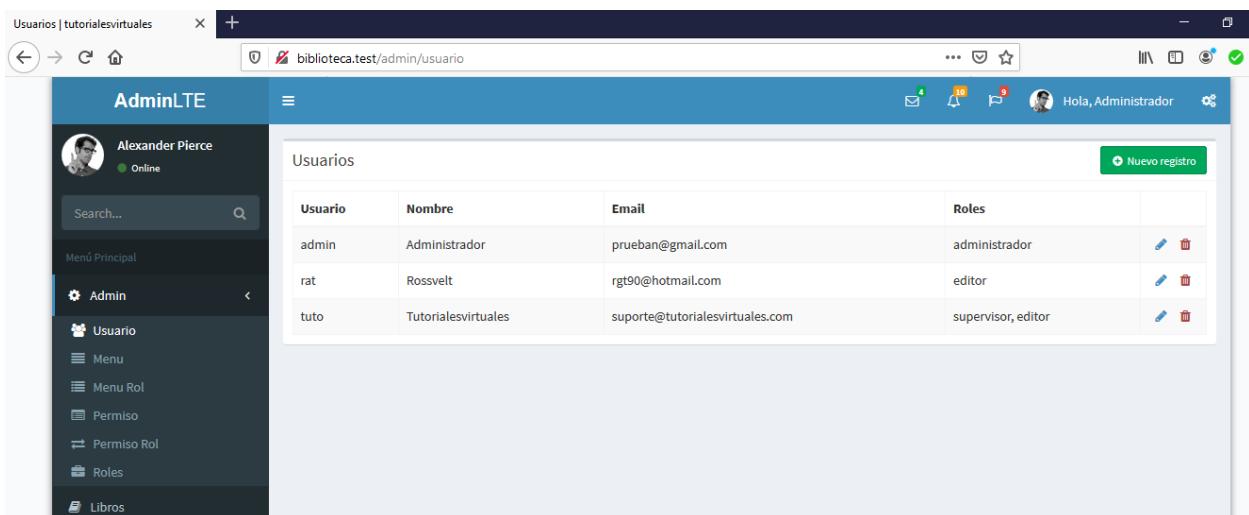
The screenshot shows a user editing interface for 'Tutorialesvirtuales'. The 'Contraseña' (Password) and 'Repita Contraseña' (Repeat Password) fields both contain five asterisks ('*****'). A red border surrounds the 'Repita Contraseña' field, and a message below it states 'Las contraseñas no coinciden' (Passwords do not match). The 'Rol' (Role) dropdown menu is open, showing options like 'administrador', 'editor', and 'supervisor', with 'supervisor' currently selected.

Aula 35 - CRUD Usuário III

Atribuindo múltiplos roles



The screenshot shows the 'Editar Usuario' (Edit User) form for 'Tutorialesvirtuales'. The 'Nombre' (Name) field contains 'Tutorialesvirtuales', 'Usuario' (Username) is 'tuto', 'E-Mail' (Email) is 'suporte@tutorialesvirtuales.com', and 'Contraseña' (Password) is empty. In the 'Rol' (Role) dropdown, 'editor' is selected. A message at the bottom says 'Selecione el rol' (Select the role). The 'Actualizar' (Update) button is at the bottom right.



The screenshot shows the 'Usuarios' (Users) list table. It displays three users: 'admin' (Administrator), 'rat' (Rossvelt), and 'tuto' (Tutorialesvirtuales). The 'tuto' user is highlighted. The 'Roles' column for 'tuto' shows 'supervisor, editor'. The table has columns for 'Usuario', 'Nombre', 'Email', and 'Roles'. A 'Nuevo registro' (New registration) button is at the top right of the table area.

| Usuario | Nombre | Email | Roles |
|---------|---------------------|---------------------------------|--------------------|
| admin | Administrator | prueban@gmail.com | administrador |
| rat | Rossvelt | rgt90@hotmail.com | editor |
| tuto | Tutorialesvirtuales | suporte@tutorialesvirtuales.com | supervisor, editor |

Usuarios | tutorialesvirtuales

AdminLTE

Alexander Pierce
Online

Search...

Menú Principal

Admin

Usuario

- Menu
- Menu Rol
- Permiso
- Permiso Rol
- Roles

Libros

biblioteca.test/admin/usuario/crear

Volver al listado

Nombre * Sara

Usuario * sara

E-Mail * sara@prueba.com

Contraseña * *****

Repita Contraseña * *****

Rol *

Seleccione el rol

- administrador
- editor
- supervisor

Cancel Guardar

Usuarios | tutorialesvirtuales

AdminLTE

Alexander Pierce
Online

Search...

Menú Principal

Admin

Usuario

- Menu
- Menu Rol

biblioteca.test/admin/usuario

Nuevo registro

| Usuario | Nombre | Email | Roles | |
|---------|---------------------|---------------------------------|-----------------------------------|--|
| admin | Administrador | prueban@gmail.com | administrador | |
| sara | Rossvelt | rgt90@hotmail.com | editor | |
| tuto | Tutorialesvirtuales | suporte@tutorialesvirtuales.com | supervisor, editor | |
| sara | Sara | sara@prueba.com | administrador, editor, supervisor | |

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 usandolo', 'Biblioteca', 'error');
            }
        },
        error: function () {

        }
    });
}
});
```

Usuarios | tutorialesvirtuales

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 | rqt90@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 user interface for managing users in an application. On the left is a sidebar with navigation links for AdminLTE, User, Menu, etc. The main area displays a table of users with columns for Username, Name, Email, and Roles. A modal dialog is centered over the table, asking if the user is sure they want to delete the record. The dialog includes a large exclamation mark icon, a question in Spanish, a note about it being不可撤消 (unreversible), and two buttons: Cancelar and Aceptar.

Usuarios | tutorialesvirtuales

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 | rqt90@hotmail.com | editor |
| tuto | Tutorialesvirtuales | suporte@tutorialesvirtuales.com | supervisor, editor |

Nuevo registro

The screenshot shows the same user management interface after a user has been deleted. The table now only lists three users: admin, rat, and tuto. The 'Roles' column for each user is visible, showing their respective permissions.

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'] }}"
{{ $rol['nombre'] }}>
</a>
</li>
</li>
@endforeach
</div>
</div>
</div>
</div>
</div>
@endif
</div>
<script src="{{asset("assets/$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

| | |
|---------------------|------------------------------------------------------------|
| Nombre * | Sara |
| Usuario * | sara |
| E-Mail * | sara@prueba.com |
| Contraseña * | ***** |
| Repita Contraseña * | ***** |
| Rol * | Seleccione el rol
administrador
editor
supervisor |

[Cancelar](#) [Guardar](#)

Usuarios | tutorialesvirtuales x + [biblioteca.test/admin/usuario](#)

Hola, Administrador

Usuarios

| Usuario | Nombre | Email | Roles |
|---------|---------------------|---------------------------------|-----------------------|
| admin | Administrador | prueban@gmail.com | administrador |
| rat | Rossvelt | rgr90@hotmail.com | editor |
| tuto | Tutorialesvirtuales | suporte@tutorialesvirtuales.com | supervisor |
| sara | Sara | sara@prueba.com | administrador, editor |

- Logando com sara:

Administrador | tutorialesvirtuales x + [biblioteca.test](#)

Hola, Sara

Roles de Usuario

Cuentas con mas de un Rol en la plataforma, a continuación seleccione con cual de ellos desea trabajar

- administrador
- editor

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

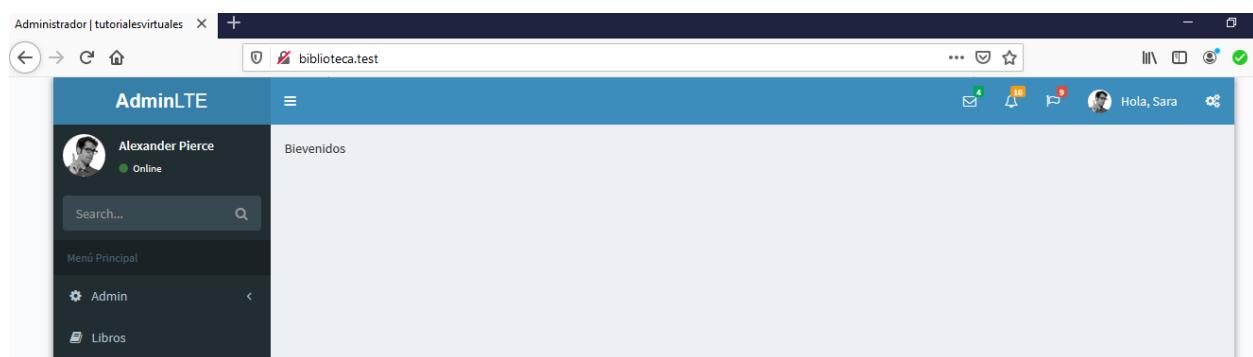
```
<?php

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:



Menú - Rol | tutorialesvirtuales X +

biblioteca.test/admin/menu-rol

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Admin

- Usuario
- Menu
- Menu Rol
- Permito
- Permito Rol
- Roles
- Libros

Menús - Rol

| 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"/> |
| → Permito | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| → Permito 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 type="checkbox"/> | <input checked="" type="checkbox"/> |

Biblioteca Hola, Sara

El rol se asignó correctamente.

- Sara como editor:

Administrador | tutorialesvirtuales X +

biblioteca.test

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Libros

Bienvenidos

Hola, Sara

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">
```

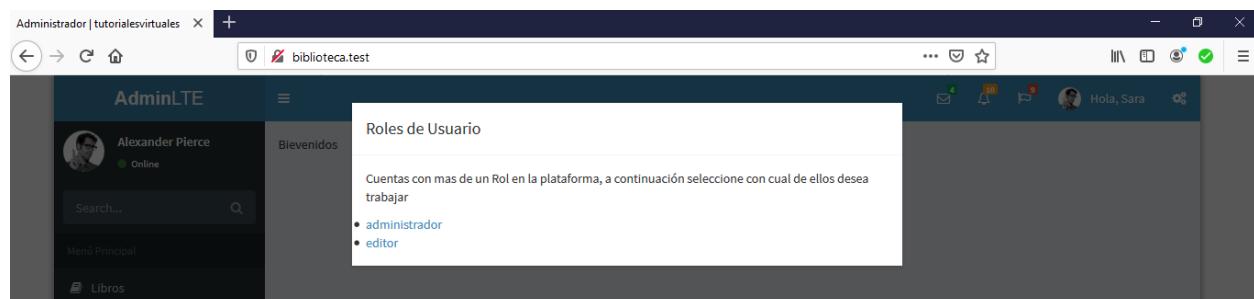
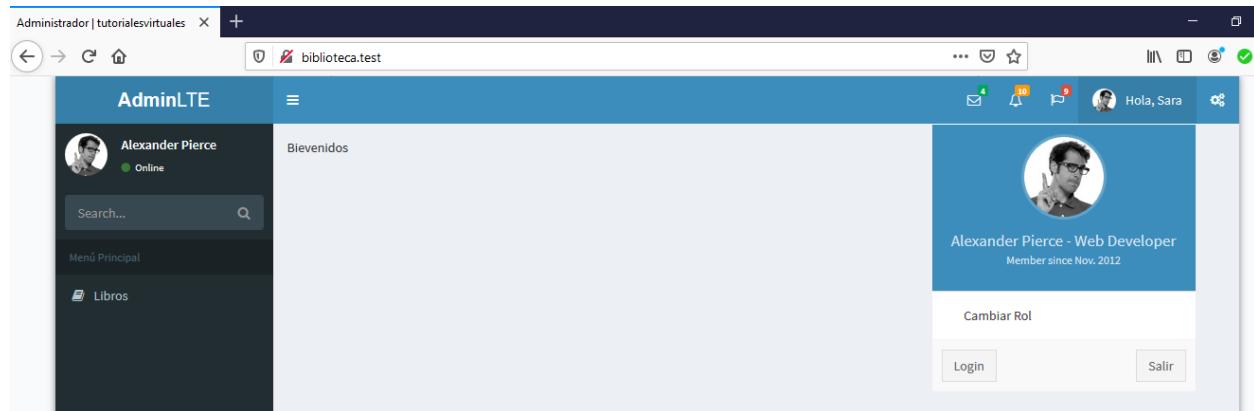
```

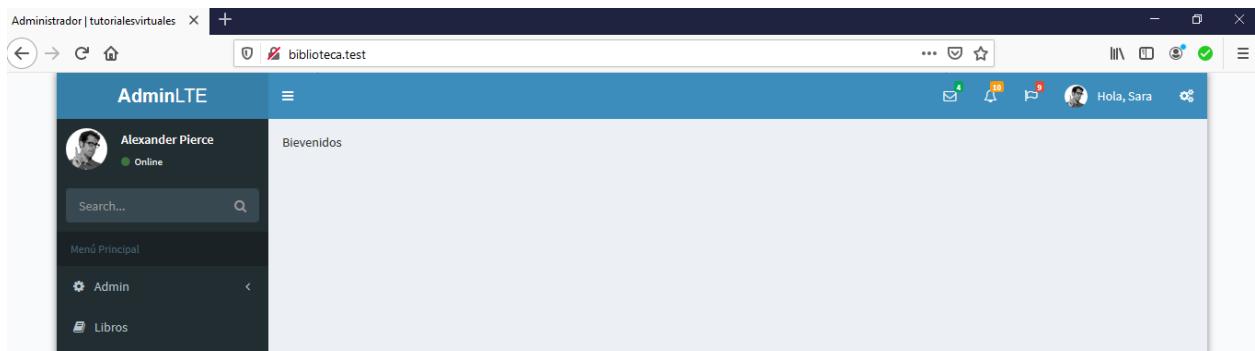
<li class="header">You have 10 notifications</li>
<li>
    <!-- inner menu: contains the actual data -->
    <ul class="menu">
        <li>
            <a href="#">
                <i class="fa fa-users text-aqua"></i> 5 new members joined today
            </a>
        </li>
    </ul>
</li>
<li class="footer"><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. On the left is a dark sidebar with user info (Alexander Pierce, Online) and navigation links (Menú Principal, Admin, Libros). The main content area has a blue header 'Crear Libro'. It contains fields for Title*, ISBN*, Author*, Quantity*, and Publisher*. Below these is a file input field labeled 'Foto' with a placeholder 'Caratula Libro' and a file preview area showing a small thumbnail. At the bottom are buttons for 'Cancelar', 'Quitar', 'Examinar...', and a large green 'Guardar' button.

Crear Libro

Título *

ISBN *

Autor *

Cantidad *

Editorial

Foto

Caratula Libro

1 archivo seleccionado(s)

Quitar

Examinar ...

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-httphandlerrunner (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',
'vesibility' => '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:

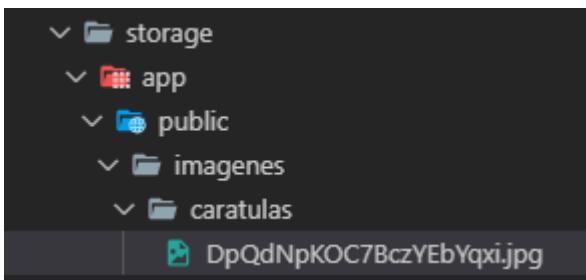
- Título: Prueba
- ISBN: 1234
- Autor: Roosevelt Aristizabal
- Cantidad: 1
- Editorial: (empty)
- Foto: A file input showing a preview of a book cover titled "CURSO LARAVEL" and a file name "Laravel_Tutoriales.jpg" (37.32 KB). Below it are "Examinar..." and "Quitar" buttons.

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 "Nuevo registro" button.



Aula 43 - Mostrar imagenes 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 usandolo', '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')
<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->título}}</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>
</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');
    }

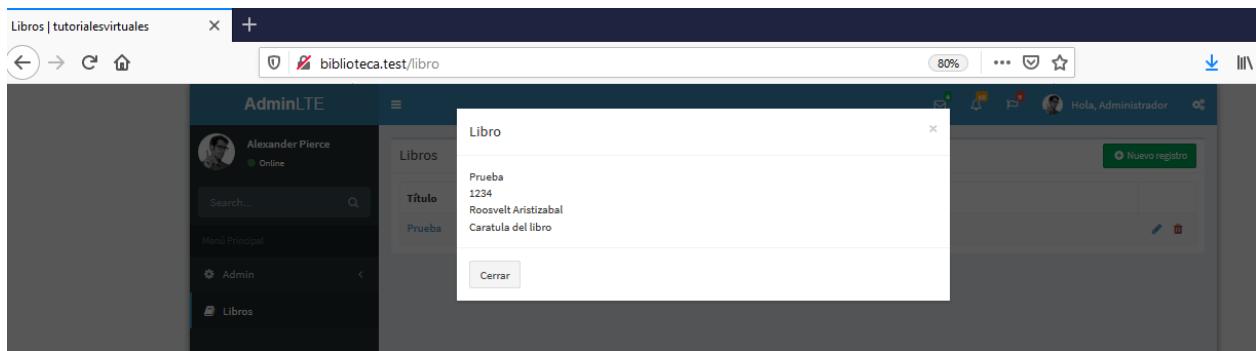
    public function guardar(ValidacionLibro $request)
    {
        if ($foto = Libro::setCaratula($request->foto_up))
            $request->request->add(['foto' => $foto]);
        Libro::create($request->all());
        return redirect()->route('libro')->with('mensaje', 'El libro se creo correctamente');
    }

    public function ver(Request $request, Libro $libro)
    {
        if ($request->ajax()) {
            return view('libro.ver', compact('libro'));
        } else {
            abort(404);
        }
    }

    public function editar($id)
    {
    }

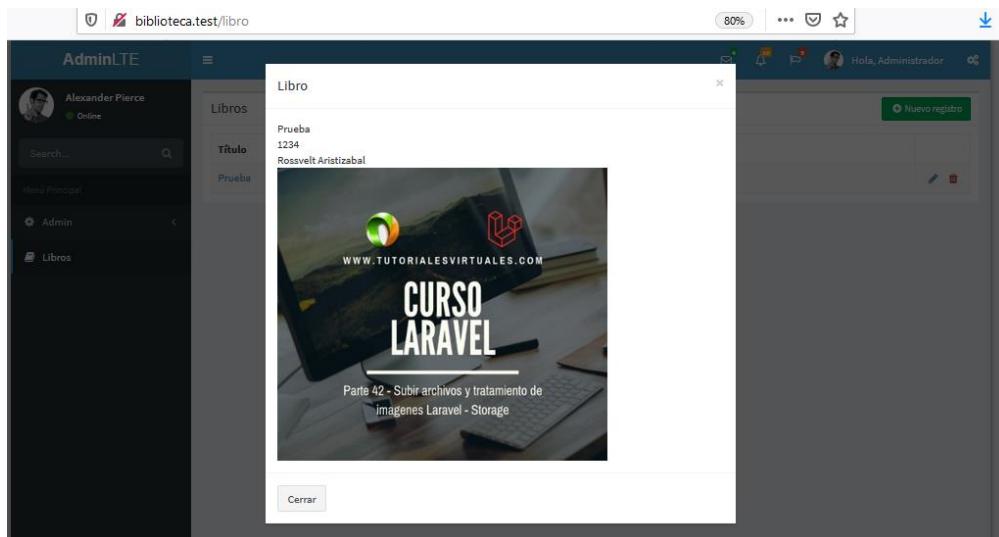
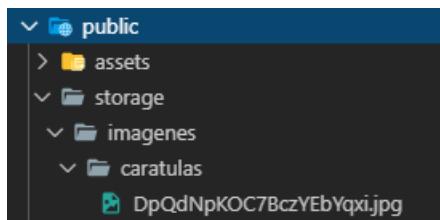
    public function actualizar(ValidacionLibro $request, $id)
    {
    }

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



php artisan storage:link

```
C:\laragon\www\biblioteca
λ php artisan storage:link /storage
The [public/storage] directory has been linked.
```



biblioteca.test/libro/1/editar

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Admin Libros

80% Hola, Administrador

Editor

Editar Libro Prueba

Título * Prueba

ISBN * 1234

Autor * Rossvelt Aristizabal

Cantidad * 1

Editorial

Foto

1 archivo seleccionado(s) Quitar Examinar ...

Actualizar

biblioteca.test/libro/crear

80% Hola, Administrador

AdminLTE

Alexander Pierce Online

Search...

Menú Principal

Admin Libros

Crear Libro

Título * El Sermon del Monte

ISBN * 5678

Autor * D. Martin Lloyd-Jones

Cantidad * 2

Editorial

Foto

el_sermon_del_monte.jpg (46.86 KB) Quitar Examinar ...

Cancelar Guardar

Screenshot of a web-based library management system interface titled "AdminLTE".

The URL in the address bar is `biblioteca.test/libro`.

The top navigation bar includes a shield icon, a refresh icon, the URL, a battery level at 80%, three dots, a download icon, a star icon, and a blue downward arrow icon.

The top right corner shows a user profile picture of Alexander Pierce, the status "Online", and the greeting "Hola, Administrador".

The left sidebar has a dark theme with the title "AdminLTE". It features a user profile section for Alexander Pierce, a search bar with placeholder "Search...", a "Menú Principal" link, and a "Libros" link which is currently selected and highlighted in blue.

The main content area is titled "Libros" and displays a table with two rows of book data:

| Título | Cantidad | |
|---------------------|----------|--|
| Prueba | 1 | |
| El Sermon del Monte | 2 | |

A green button in the top right of the table area says "Nuevo registro" (New registration).

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

- Clique no botão “New App”

The screenshot shows the "Create an App" wizard on the Dropbox Developers website. Step 1: "Choose an API" shows two options: "Dropbox API" (selected) and "Dropbox Business API". Step 2: "Choose the type of access you need" shows two options: "App folder" (selected) and "Full Dropbox". Step 3: "Name your app" has the name "tutoriales-biblioteca" entered.

- Clique no botão “Create App”

The screenshot shows the "tutoriales-biblioteca" app settings page. It includes tabs for "Settings", "Branding", and "Analytics". Key sections include:

- Status:** Development, with a button to "Apply for production".
- Development users:** Only you, with a button to "Enable additional users".
- Permission type:** App folder.
- App folder name:** tutoriales-biblioteca, with a "Change" button.
- App key:** 5zhj8ruycggy3kb.
- App secret:** Show.
- OAuth 2:** Redirect URIs input field containing "https:// (http allowed for localhost)" with an "Add" button.

Allow implicit grant ?

Generated access token ?

Chooser/Saver domains

If using the [Chooser](#) or the [Saver](#) on a website, the domain of that site.

Webhooks **Webhook URIs** ?

Delete app

- 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
```

A screenshot of the Dropbox developer portal. At the top, there's a navigation bar with links like 'Documentation', 'Guides', 'Community & support', and 'App console'. Below the navigation, there's a user profile for 'Roberto Pinheiro'. On the left, a sidebar titled 'My apps' shows one entry: 'tutoriales-biblioteca' with a status of 'Development' and 'Permission type: App folder'. A 'Create app' button is located at the top right of the main content area.

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 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;
        }
    }
}
```

Screenshot of a Laravel application's book creation form. The URL is `biblioteca.test/libro/crear`. The sidebar shows the user is Alexander Pierce and is online. The menu includes Admin and Libros.

Crear Libro

Título *: Curso Laravel - Aula 44

ISBN *: 12345678

Autor *: Rossvelt Aristizabal

Cantidad *: 1

Editorial: (empty)

Foto: (Image preview of a book cover titled "CURSO LARAVEL" with "Aula 44" visible. File name: laravel_aula44.jpg, size: 21.94 KB)

File Input: laravel_aula44.jpg | **Cancel** | **Guardar**

Screenshot of the book list page. The URL is `biblioteca.test/libro`. The sidebar shows the user is Alexander Pierce and is online. The menu includes Admin and Libros.

| Libros | | Nuevo registro |
|-------------------------|----------|-----------------------|
| Título | Cantidad | |
| Prueba | 1 | |
| El Sermon del Monte | 2 | |
| Curso Laravel - Aula 44 | 1 | |

Screenshot of a MySQL database table named "libro". The table has columns: id, titulo, isbn, autor, cantidad, editorial, foto, created_at, and updated_at.

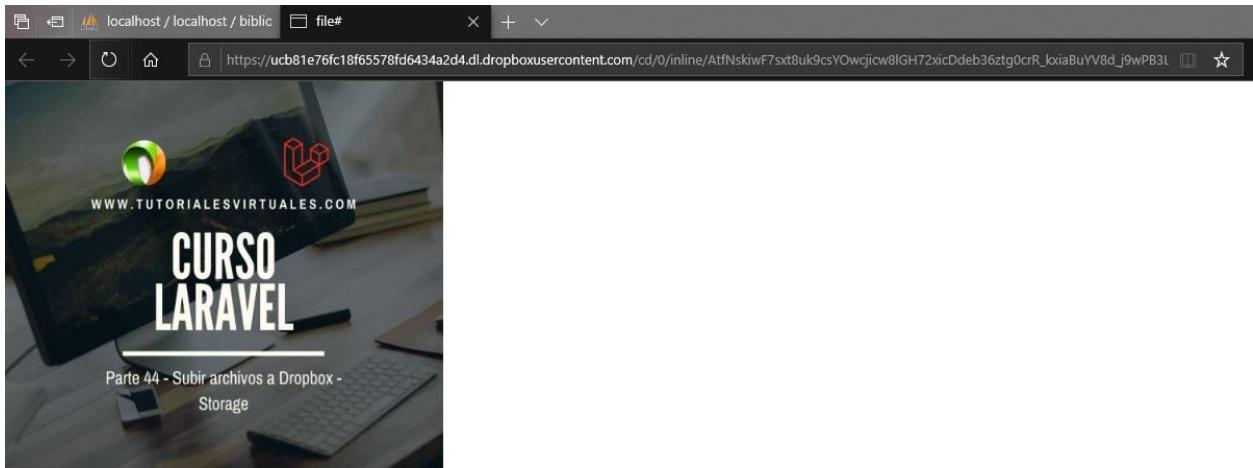
Showing rows 0 - 2 (3 total, Query took 0.0136 seconds.)

```
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 | 1 | Prueba | 1234 | Rossvelt Aristizabal | 1 | NULL | 037Jr9pb1VGWByby8Kf.jpg | 2019-12-01 18:31:08 | 2019-12-01 18:31:08 |
| | | <input type="checkbox"/> | <input type="checkbox"/> Edit | <input type="checkbox"/> Copy | <input type="checkbox"/> Delete | 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"/> | <input type="checkbox"/> Edit | <input type="checkbox"/> Copy | <input type="checkbox"/> Delete | 3 | Curso Laravel - Aula 44 | 12345678 | Rossvelt Aristizabal | 1 | NULL | https://www.dropbox.com/s/pdb33g626tqbxa/Ve6n9pSC... 2019-12-01 23:06:39 | 2019-12-01 23:06:39 | |

<https://www.dropbox.com/s/pdb33g626tqbxza/Ve6n9pSCOKeUFkxepJ8I.jpg?raw=1>



A screenshot of the Dropbox website at 'dropbox.com/home'. The top navigation bar has a search icon and several pinned items. On the left, a sidebar menu includes 'Arquivos', 'Meus arquivos', 'Compartilhamento', 'Solicitações de arquivo', and 'Arquivos excluídos'. The main area is titled 'Dropbox' and shows a 'Visão geral' section with a placeholder 'Clique aqui para descrever esta pasta e transformá-la em um Space' and a 'Mostrar exemplos' button. A 'Criar novo arquivo' button is visible. Below this, a table lists a single folder named 'Aplicativos'. The table columns are 'Nome', 'Modificado', 'Membros', and '...'. The 'Nome' column shows 'Aplicativos', 'Modificado' shows '--', 'Membros' shows 'Somente você', and the '...' column has three dots.

A screenshot of the 'Aplicativos' folder details page. The top navigation bar shows 'Dropbox > Aplicativos'. The main area has a 'Visão geral' section with a placeholder 'Clique aqui para descrever esta pasta e transformá-la em um Space' and a 'Mostrar exemplos' button. A 'Criar novo arquivo' button is present. Below is a table with one item, 'tutoriales-biblioteca'. The table columns are 'Nome', 'Modificado', 'Membros', and '...'. The 'Nome' column shows 'tutoriales-biblioteca', 'Modificado' shows '--', 'Membros' shows 'Somente você', and the '...' column has three dots.

Dropbox > Aplicativos > tutoriales-biblioteca



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 | ... |

Dropbox > Aplicativos > tutoriales-biblioteca > imágenes



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 | ... |

Dropbox > Aplicativos > tutoriales-biblioteca > imágenes > caratulas



Visão geral

Ocultar

Clique aqui para descrever esta pasta e transformá-la em um Space

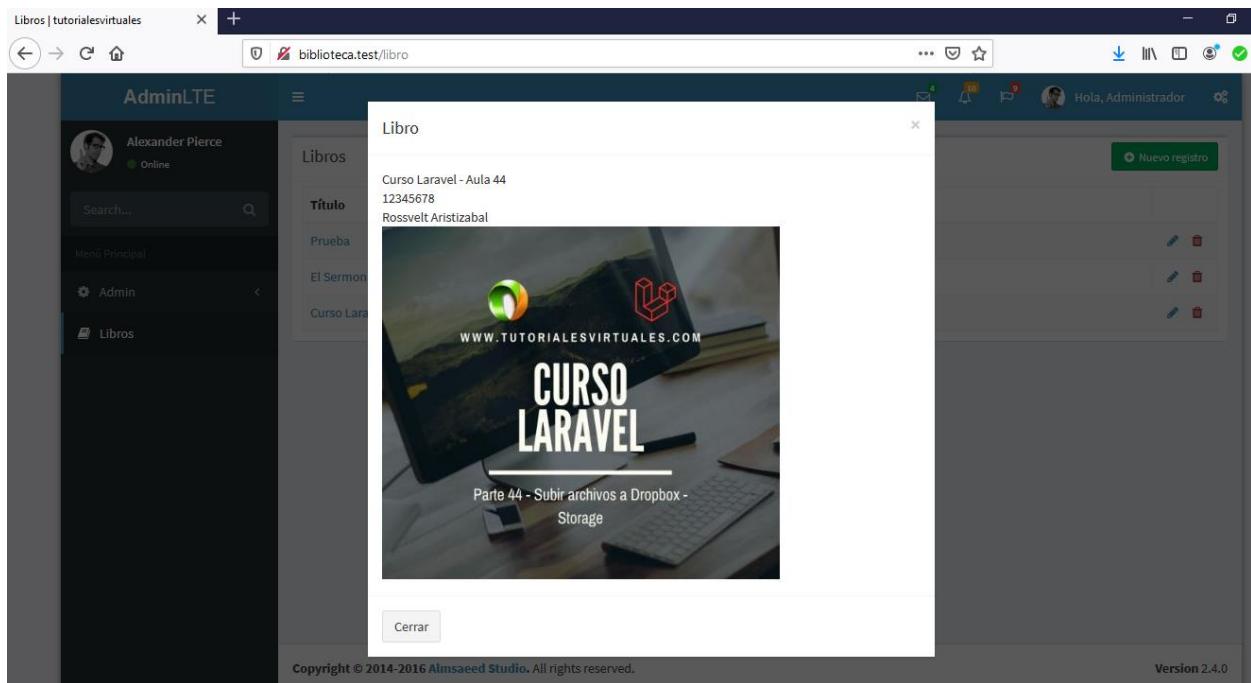
Mostrar exemplos

Criar novo arquivo

| Nome ↑ | Modificado ↓ | Membros ↓ | ⋮ ↓ |
|--------------------------|---------------|----------------|-----|
| Ve6n9pSCOKeUFkxepJ8l.jpg | há 45 minutos | ∅ Somente você | ... |

resources\views\libro\ver.blade.php

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

Libros | tutorialesvirtuales

El fomurlario contiene errores

- Ya existe un libro con ese ISBN

Editar Libro El Sermon del Monte

Título * El Sermon del Monte

ISBN * 1234

Autor * D. Martin Lloyd-Jones

Cantidad * 2

Editorial

Foto



Listado

Alexander Pierce
Online

Search...

Menú Principal

Admin

Libros

Título * Prueba

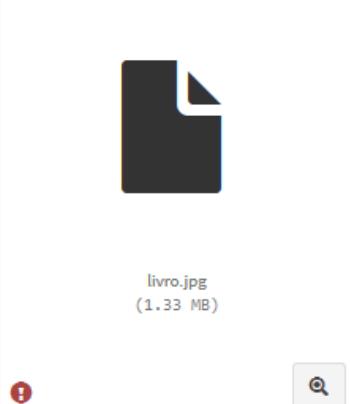
ISBN * 1234

Autor * Rossvelt Aristizabal

Cantidad * 1

Editorial

Foto



livro.jpg
(1.33 MB)

!

El archivo "livro.jpg" (1391.41 KB) excede el tamaño máximo permitido de 1000 KB.