

¿Com crear un formulari CRUD ràpid ...?

1) Tenir la taula creada a la base de dades en plural i minúscules, per exemple libros amb els camps:

'id', 'nombre', 'resumen', 'npagina', 'edicion', 'autor', 'precio'

2) Crear el model de la taula → php artisan make:model Libro (singular i primera en majúscula)

2.1) Afegir atribut fillable

```
protected $fillable = ['nombre', 'resumen', 'npagina', 'edicion', 'autor', 'precio'];
```

2.2) Treure createted_at , updated_at...

```
public $timestamps = false;
```

3) Crear controllador amb paràmetre especial resource:

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

4) Afegir contingut controllador

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Libro;

class LibroController extends Controller
{
    /**
     * Display a listing of the resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function index()
    {
        //
        $libros=Libro::orderBy('id','DESC')->paginate(3);
        return view('Libro.index',compact('libros'));
    }

    /**
     * Show the form for creating a new resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function create()
    {
        //
        return view('Libro.create');
    }
}
```

```

/**
 * Store a newly created resource in storage.
 *
 * @param \Illuminate\Http\Request $request
 * @return \Illuminate\Http\Response
 */
public function store(Request $request)
{
    //
    $this->validate($request,[ 'nombre'=>'required', 'resumen'=>'required', 'npagina'=>'required',
'edicion'=>'required', 'autor'=>'required', 'npagina'=>'required', 'precio'=>'required']);
    Libro::create($request->all());
    return redirect()->route('libro.index')->with('success','Registro creado satisfactoriamente');
}

/**
 * Display the specified resource.
 *
 * @param int $id
 * @return \Illuminate\Http\Response
 */
public function show($id)
{
    $libros=Libro::find($id);
    return view('libro.show',compact('libros'));
}

/**
 * Show the form for editing the specified resource.
 *
 * @param int $id
 * @return \Illuminate\Http\Response
 */
public function edit($id)
{
    //
    $libro=libro::find($id);
    return view('libro.edit',compact('libro'));
}

/**
 * Update the specified resource in storage.
 *
 * @param \Illuminate\Http\Request $request
 * @param int $id
 * @return \Illuminate\Http\Response
 */
public function update(Request $request, $id) {
    //
    $this->validate($request,[ 'nombre'=>'required', 'resumen'=>'required', 'npagina'=>'required',
'edicion'=>'required', 'autor'=>'required', 'npagina'=>'required', 'precio'=>'required']);

```

```

        libro::find($id)->update($request->all());
        return redirect()->route('libro.index')->with('success','Registro actualizado
satisfactoriamente');

    }

/**
 * Remove the specified resource from storage.
 *
 * @param int $id
 * @return \Illuminate\Http\Response
 */
public function destroy($id)
{
    //
    Libro::find($id)->delete();
    return redirect()->route('libro.index')->with('success','Registro eliminado satisfactoriamente');
}
}

```

5) Crear las vistas

5.1) Un layout a resources/layouts

```

<!DOCTYPE html>
<html lang="es">
<head>
    <meta charset="utf-8">
    <meta name="viewport"
content="width=device-width, initial-scale=1, user-scalable=yes">
    <link href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"
rel="stylesheet">
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></
script>
</head>
<body>

    <div class="container-fluid" style="margin-top: 100px">

        @yield('content')
    </div>
    <style type="text/css">
        .table {
            border-top: 2px solid #ccc;

        }
    </style>
</body>
</html>

```

5.2) Carpeta libro amb vistes index/create/edit

```

Index.blade.php
@extends('layouts.layout')
@section('content')
<div class="row">
    <section class="content">
        <div class="col-md-8 col-md-offset-2">
            <div class="panel panel-default">
                <div class="panel-body">
                    <div class="pull-left"><h3>Lista Libros</h3></div>
                    <div class="pull-right">
                        <div class="btn-group">
                            <a href="{{ route('libro.create') }}" class="btn btn-info" >Añadir Libro</a>
                        </div>
                    </div>
                </div>
                <div class="table-container">
                    <table id="mytable" class="table table-bordered table-striped">
                        <thead>
                            <th>Nombre</th>
                            <th>Resumen</th>
                            <th>No. Páginas</th>
                            <th>Edicion</th>
                            <th>Autor</th>
                            <th>Precio</th>
                            <th>Editar</th>
                            <th>Eliminar</th>
                        </thead>
                        <tbody>
                            @if($libros->count())
                                @foreach($libros as $libro)
                                    <tr>
                                        <td>{{ $libro->nombre }}</td>
                                        <td>{{ $libro->resumen }}</td>
                                        <td>{{ $libro->npagina }}</td>
                                        <td>{{ $libro->edicion }}</td>
                                        <td>{{ $libro->autor }}</td>
                                        <td>{{ $libro->precio }}</td>
                                        <td><a class="btn btn-primary btn-xs" href="{{ action('LibroController@edit', $libro->id) }}" ><span class="glyphicon glyphicon-pencil"></span></a></td>
                                        <td>
                                            <form action="{{ action('LibroController@destroy', $libro->id) }}" method="post">
                                                {{ csrf_field() }}
                                                <input name="_method" type="hidden" value="DELETE">
                                                <button class="btn btn-danger btn-xs" type="submit"><span class="glyphicon glyphicon-trash"></span></button>
                                            </form>
                                        </td>
                                    </tr>
                                @endforeach
                            @endif
                        </tbody>
                    </table>
                </div>
            </div>
        </div>
    </section>
</div>

```

```
@else
<tr>
<td colspan="8">No hay registro !!</td>
</tr>
@endif
</tbody>

</table>
</div>
</div>
{{ $libros->links() }}
</div>
</div>
</section>

@section
Create.blade.php
@extends('layouts.layout')
@section('content')
<div class="row">
<section class="content">
<div class="col-md-8 col-md-offset-2">
@if (count($errors) > 0)
<div class="alert alert-danger">
<strong>Error!</strong> Revise los campos obligatorios.<br><br>
<ul>
@foreach ($errors->all() as $error)
<li>{{ $error }}</li>
@endforeach
</ul>
</div>
@endif
@if(Session::has('success'))
<div class="alert alert-info">
{{ Session::get('success')}}
</div>
@endif

<div class="panel panel-default">
<div class="panel-heading">
<h3 class="panel-title">Nuevo Libro</h3>
</div>
<div class="panel-body">
<div class="table-container">
<form method="POST"
action="{{ route('libro.store') }}" role="form">

```

```

<input type="text"
name="nombre" id="nombre" class="form-control input-sm" placeholder="Nombre del libro">
</div>
</div>
<div class="col-xs-6 col-sm-6 col-md-
6">
<div class="form-group">
<input type="text"
name="npagina" id="npagina" class="form-control input-sm" placeholder="Número de Páginas">
</div>
</div>
</div>
<div class="form-group">
<textarea name="resumen"
class="form-control input-sm" placeholder="Resumen"></textarea>
</div>
<div class="row">
<div class="col-xs-6 col-sm-6 col-md-
6">
<div class="form-group">
<input type="text"
name="edicion" id="edicion" class="form-control input-sm" placeholder="Edición del libro">
</div>
</div>
<div class="col-xs-6 col-sm-6 col-md-
6">
<div class="form-group">
<input type="text"
name="precio" id="precio" class="form-control input-sm" placeholder="Precio del libro">
</div>
</div>
</div>
<div class="form-group">
<textarea name="autor" class="form-
control input-sm" placeholder="Autor"></textarea>
</div>
<div class="row">
<div class="col-xs-12 col-sm-12 col-
md-12">
<input type="submit"
value="Guardar" class="btn btn-success btn-block">
<a
href="{{ route('libro.index') }}" class="btn btn-info btn-block" >Atrás</a>
</div>
</div>
</form>
</div>
</div>

```

```

        </div>
    </div>
</section>
@endsection
Edit.blade.php
@extends('layouts.layout')
@section('content')
<div class="row">
    <section class="content">
        <div class="col-md-8 col-md-offset-2">
            @if (count($errors) > 0)
                <div class="alert alert-danger">
                    <strong>Error!</strong> Revise los campos obligatorios.<br><br>
                    <ul>
                        @foreach ($errors->all() as $error)
                            <li>{{ $error }}</li>
                        @endforeach
                    </ul>
                </div>
            @endif
            @if(Session::has('success'))
                <div class="alert alert-info">
                    {{ Session::get('success')}}
                </div>
            @endif

            <div class="panel panel-default">
                <div class="panel-heading">
                    <h3 class="panel-title">Nuevo Libro</h3>
                </div>
                <div class="panel-body">
                    <div class="table-container">
                        <form method="POST"
action="{{ { route('libro.update',$libro->id) } }}" role="form">
                            {{ csrf_field() }}
                            <input name="_method" type="hidden"
value="PATCH">

                            <div class="row">
                                <div class="col-xs-6 col-sm-6 col-md-
6">

                                    <div class="form-group">
                                        <input type="text"
name="nombre" id="nombre" class="form-control input-sm" value="{{ $libro->nombre }}">
                                    </div>
                                </div>
                                <div class="col-xs-6 col-sm-6 col-md-
6">

                                    <div class="form-group">
                                        <input type="text"
name="npagina" id="npagina" class="form-control input-sm" value="{{ $libro->npagina }}">
                                    </div>
                                </div>
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </section>
</div>

```

```

        </div>
    </div>

    <div class="form-group">
        <textarea name="resumen"
class="form-control input-sm" placeholder="Resumen">{{ $libro->resumen }}</textarea>
    </div>
    <div class="row">
        <div class="col-xs-6 col-sm-6 col-md-
6">
            <div class="form-group">
                <input type="text"
name="edicion" id="edicion" class="form-control input-sm" value="{{ $libro->edicion }}">
            </div>
        </div>
        <div class="col-xs-6 col-sm-6 col-md-
6">
            <div class="form-group">
                <input type="text"
name="precio" id="precio" class="form-control input-sm" value="{{ $libro->precio }}">
            </div>
        </div>
    </div>
    <div class="form-group">
        <textarea name="autor" class="form-
control input-sm" placeholder="Autor">{{ $libro->autor }}</textarea>
    </div>
    <div class="row">
        <div class="col-xs-12 col-sm-12 col-
md-12">
            <input type="submit"
value="Actualizar" class="btn btn-success btn-block">
            <a
href="{{ route('libro.index') }}" class="btn btn-info btn-block" >Atrás</a>
        </div>
    </div>
</form>
</div>
</div>
</div>
</section>
@endsection

```

6) Les rutas:

```
Route::resource('libro', 'LibroController');
```