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# 

# Connection of database

Open .env and configure the parameters necessary for the connection of database

# Crud

## Create the controller

First execute this line in cmd

php artisan make:controller ProductoController –resource

This will create the controller

The second is put this routes/web.php

Route::resource('productos', 'ProductoController');

This will create these default routes as you can see

|  |  |  |  |
| --- | --- | --- | --- |
| GET | /photos | index | photos.index |
| GET | /photos/create | create | photos.create |
| POST | /photos | store | photos.store |
| GET | /photos/{photo} | show | photos.show |
| GET | /photos/{photo}/edit | edit | photos.edit |
| PUT/PATCH | /photos/{photo} | update | photos.update |
| DELETE | /photos/{photo} | destroy | photos.destroy |

## Creating the views

Create a folder with the name product and create these files

Index.blade.php, create.blade.php, update.blade.php

### Layout

Create a folder with the name layouts and within views and create template.blade.php into layouts

<html>

<head>

<title>App Name - @yield('title')</title>

</head>

<body>

@section('sidebar')

This is the master sidebar.

@show

<div class="container">

@yield('content')

</div>

</body>

</html>

### Index view

@extends('layouts.template1')

@section('title', 'Page Title')

@section('sidebar')

@parent

<p>This is appended to the master sidebar.</p>

@endsection

@section('content')

<a href="{{ url('productos/create') }}">Crear producto</a>

<table>

<th>Nombre</th>

<th>Precio</th>

<th>Categoria</th>

<th>Acciones</th>

@foreach ($productos as $producto)

<tr>

<td>{{ $producto->nombre }}</td>

<td>{{ $producto->precio }}</td>

<td>{{ $producto->cnombre }}</td>

<td>

<a href="{{ url('productos/'.$producto->id.'/edit') }}">Editar</a>

<a style="cursor:pointer;" data-t="{{ url('productos/'.$producto->id) }}" data-token="{{ csrf\_token() }}" onclick="eliminar(this)">Eliminar</a>

</td>

</tr>

@endforeach

</table>

@endsection

### Create view

@extends('layouts.template1')

@section('title', 'Page Title')

@section('sidebar')

@parent

<p>This is appended to the master sidebar.</p>

@endsection

@section('content')

<form action="{{ url('productos') }}" method="POST">

<div>

<label>Nombre del producto</label>

<input type="text" name="nombre" required>

</div>

<div>

<label>precio</label>

<input type="text" name="precio" required>

</div>

<div>

<label>Categoria</label>

<select name="categoria" required>

<option value="">Seleccione.....</option>

@foreach ($categorias as $categoria)

<option value = "{{ $categoria->id }}">{{ $categoria->nombre }}</option>

@endforeach

</select>

</div>

<div>

<input type="submit" name="Crear">

</div>

<input type="hidden" name="\_token" value="{{ csrf\_token() }}">

</form>

@endsection

@if (count($errors) > 0)

<div class="alert alert-danger">

<ul>

@foreach ($errors->all() as $error)

<li>{{ $error }}</li>

@endforeach

</ul>

</div>

@endif

### Edit view

@extends('layouts.template1')

@section('title', 'Page Title')

@section('sidebar')

@parent

<p>This is appended to the master sidebar.</p>

@endsection

@section('content')

<form action="{{ url('/productos/'.$producto->id) }}" method="POST">

<div>

<label>Nombre del producto</label>

<input type="text" name="nombre" value="{{ $producto->nombre }}" required>

</div>

<div>

<label>precio</label>

<input type="text" name="precio" value="{{ $producto->precio }}" required>

</div>

<div>

<label>Categoria</label>

<select name="categoria" required>

<option value="">Seleccione.....</option>

@foreach ($categorias as $categoria)

<option @if($categoria->id == $producto->idcategoria) selected @endif value = "{{ $categoria->id }}">{{ $categoria->nombre }}</option>

@endforeach

</select>

</div>

<div>

<input type="submit" value="Actualizar">

</div>

<input type="hidden" name="\_token" value="{{ csrf\_token() }}">

<input name="\_method" type="hidden" value="PATCH">

</form>

@endsection

@if (count($errors) > 0)

<div class="alert alert-danger">

<ul>

@foreach ($errors->all() as $error)

<li>{{ $error }}</li>

@endforeach

</ul>

</div>

@endif

## Creating index in controller

In controller index put this

public function index()

{

//

$productos = DB::table('productos')

->join('categorias', 'productos.idcategoria', '=', 'categorias.id')

->select('productos.\*', 'categorias.nombre as cnombre')

->get();

return view('producto.index', ['productos' => $productos]);

}

## Creating insert in controller

public function create()

{

//

$categorias = DB::table('categorias')->get();

return view('producto.create', ['categorias' => $categorias]);

}

## Creating store in controller

public function store(Request $request)

{

//

$nombre = $request->nombre;

$precio = $request->precio;

$idcategoria = $request->categoria;

$this->validate($request, [

'nombre' => 'required',

'precio' => 'required',

'categoria' => 'required',

]);

// si no hay errores en validate se inserta el registro

DB::table('productos')->insert(

['nombre' => $nombre, 'precio' => $precio , 'idcategoria'=> $idcategoria]

);

$productos = DB::table('productos')

->join('categorias', 'productos.idcategoria', '=', 'categorias.id')

->select('productos.\*', 'categorias.nombre as cnombre')

->get();

return view('producto.index', ['productos' => $productos]);

}

## Creating edit in controller

public function edit($id)

{

//

$categorias = DB::table('categorias')->get();

$producto = DB::table('productos')->where('id', $id)->first();

return view('producto.edit', ['producto' => $producto, 'categorias' => $categorias]);

}

## Creating update in controller

public function update(Request $request, $id)

{

//

$nombre = $request->nombre;

$precio = $request->precio;

$idcategoria = $request->categoria;

$this->validate($request, [

'nombre' => 'required',

'precio' => 'required',

'categoria' => 'required',

]);

DB::table('productos')

->where('id', $id)

->update(['nombre' => $nombre,'precio' =>$precio,'idcategoria'=>$idcategoria]);

return view('producto.edit', ['producto' => $producto, 'categorias' => $categorias]);

}

## Creating destroy in controller

public function destroy($id)

{

//

DB::table('productos')->where('id', '=', $id)->delete();

}

### Script

Copy and paste jquery in public/js/jquery.js

Create a script called eliminar.js and within that put

function eliminar(eliminar)

{

$.ajax({

method : 'delete',

url : $(eliminar).attr('data-t'),

data : {

\_token : $(eliminar).data('token')

},

success: function(result) {

// Do something with the result

alert("Registro eliminado");

$(eliminar).parent().parent().remove();

}

});

}

In href of index view there is

<a style="cursor:pointer;" data-t="{{ url('productos/'.$producto->id) }}" data-token="{{ csrf\_token() }}" onclick="eliminar(this)">Eliminar</a>