***LISTADOS CODIGO CURSO BOOTSTRAP 5.3***

SESION 1

**Listado 1**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>@ViewBag.Title</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet"

integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH"

crossorigin="anonymous"> <!-- Bootstrap Icons -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">

</head>

<body>

<div class="container">

@RenderBody()

</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"

integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz"

crossorigin="anonymous"></script>

</body>

</html>

**Listado 2**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>@ViewBag.Title</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet"

integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH"

crossorigin="anonymous">

<link href="~/Content/styles.css" rel="stylesheet">

<!-- Bootstrap Icons -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<a class="navbar-brand" href="#">E-Shop</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav ml-auto">

<li class="nav-item">

<a class="nav-link" href="#">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href=" ~/Product/Index">Products</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Cart</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Contact</a>

</li>

</ul>

</div>

</nav>

<div class="container">

@RenderBody()

</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"

integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz"

crossorigin="anonymous"></script>

</body>

</html>

**Listado 3**

.grid-container {

display: grid;

grid-template-areas:

"header header header"

"nav main aside"

"footer footer footer";

grid-template-columns: 1fr 2fr 1fr;

grid-template-rows: auto 1fr auto;

gap: 10px;

background-color: #fff;

padding: 20px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

.header {

grid-area: header;

background-color: #4CAF50;

color: white;

padding: 20px;

text-align: center;

font-size: 24px;

}

.nav {

grid-area: nav;

background-color: #f0f0f0;

padding: 20px;

font-size: 18px;

}

.main {

grid-area: main;

background-color: #fff;

padding: 20px;

font-size: 18px;

}

.aside {

grid-area: aside;

background-color: #f0f0f0;

padding: 20px;

font-size: 18px;

}

.footer {

grid-area: footer;

background-color: #4CAF50;

color: white;

padding: 20px;

text-align: center;

font-size: 18px;

}

**Listado 4**

// \_variables.scss

// Definición de colores

$primary-color: #3498db;

$secondary-color: #2ecc71;

$font-color: #2c3e50;

// Definición de fuentes

$font-family-base: 'Arial, sans-serif';

// Definición de espaciados

$spacing-base: 16px;

$spacing-large: 32px;

**Listado 5**

// Importa el archivo de variables

@import 'variables';

// Uso de variables en estilos

body {

font-family: $font-family-base;

color: $font-color;

padding: $spacing-base;

}

.header {

background-color: $primary-color;

color: #fff;

padding: $spacing-large;

}

.button {

background-color: $secondary-color;

color: #fff;

padding: $spacing-base;

border: none;

border-radius: 4px;

cursor: pointer;

&:hover {

background-color: darken($secondary-color, 10%);

}

}

**Listado 6**

// styles.scss

// Importa el archivo de variables

@import 'variables';

// Uso de variables en estilos

// con anidación de selectores

body {

font-family: $font-family-base;

color: $font-color;

padding: $spacing-base;

.header {

background-color: $primary-color;

color: #fff;

padding: $spacing-base;

h1 {

margin: 0;

font-size: 2em;

&:hover {

color: $secondary-color;

}

}

.nav {

margin-top: $spacing-base;

ul {

list-style: none;

padding: 0;

li {

display: inline;

margin-right: $spacing-base;

a {

text-decoration: none;

color: #fff;

&:hover {

text-decoration: underline;

}

}

}

}

}

}

.content {

margin-top: $spacing-base;

p {

line-height: 1.5;

}

}

}

**Listado 7**

// \_mixins.scss

// Mixin para botones

@mixin button-styles($bg-color, $text-color) {

background-color: $bg-color;

color: $text-color;

padding: 10px 20px;

border: none;

border-radius: 5px;

cursor: pointer;

text-align: center;

display: inline-block;

font-size: 16px;

&:hover {

background-color: darken($bg-color, 10%);

}

}

// Mixin para contenedores flexibles

@mixin flex-container($justify: flex-start, $align: stretch, $direction: row) {

display: flex;

justify-content: $justify;

align-items: $align;

flex-direction: $direction;

}

**Listado 8**

// styles.scss

Listado 8

// Importa el archivo de mixins

@import 'mixins';

// Uso de mixins en estilos

body {

font-family: 'Arial, sans-serif';

padding: 20px;

}

.header {

@include flex-container(center, center);

background-color: #3498db;

color: white;

padding: 20px;

}

.button-primary {

@include button-styles(#3498db, #fff);

margin-right: 10px;

}

.button-secondary {

@include button-styles(#2ecc71, #fff);

}

**Listado 9**

@mixin encabezados($tamano) {

h1 {

font-size: $tamano;

}

h2 {

font-size: $tamano - 0.2;

}

h3 {

font-size: $tamano - 0.5;

}

}

**Listado 10**

// Importa el archivo de mixins

@import 'mixins2b';

// Uso de mixins en estilos

body {

@include encabezados(2em);

font-family: 'Arial, sans-serif';

padding: 20px;

}

// Definición de mediaqueries

@media(min-width: 800px) {

@include encabezados(2em);

}

@media(min-width: 1200px) {

@include encabezados(2.5em);

}

**Listado 11**

// stylesplaceholder.scss

// Definición de una clase placeholder

%button-base {

padding: 10px 20px;

border: none;

border-radius: 5px;

font-size: 16px;

cursor: pointer;

text-align: center;

display: inline-block;

}

// Estilos para botones específicos extendiendo la clase placeholder

.button-primary {

@extend %button-base;

background-color: #3498db;

color: #fff;

&:hover {

background-color: darken(#3498db, 10%);

}

}

.button-secondary {

@extend %button-base;

background-color: #2ecc71;

color: #fff;

&:hover {

background-color: darken(#2ecc71, 10%);

}

}

// Ejemplo de uso de la clase placeholder con otras reglas

%alert-base {

padding: 20px;

border: 1px solid transparent;

border-radius: 5px;

margin-bottom: 20px;

}

.alert-success {

@extend %alert-base;

background-color: #dff0d8;

border-color: #d6e9c6;

color: #3c763d;

}

.alert-danger {

@extend %alert-base;

background-color: #f2dede;

border-color: #ebccd1;

color: #a94442;

}

**Listado 12**

.caja {

padding: 10px;

font-size: 1.2em;

&-borde {

border: 1px solid #ddd;

}

&-fondo {

background-color: #f0f0f0;

}

&-espaciadoextra {

padding: 20px;

}

}

**Listado 13**

%caja {

padding: 10px;

font-size: 1.2em;

}

%caja-borde {

border: 1px solid #ddd;

}

%caja-fondo {

background-color: #f0f0f0;

}

%caja-espaciadoextra {

padding: 20px;

}

.caja {

@extend %caja;

&-borde {

@extend %caja;

@extend %caja-borde;

}

&-fondo {

@extend %caja;

@extend %caja-fondo;

}

&-espaciadoextra {

@extend %caja;

@extend %caja-espaciadoextra;

}

&-combinada {

@extend %caja;

@extend %caja-borde;

@extend %caja-fondo;

@extend %caja-espaciadoextra;

}

}

**Listado 14**

// \_variables.scss

// Personalizar colores

$primary: #3498db;

$secondary: #2ecc71;

$success: #28a745;

$info: #17a2b8;

$warning: #ffc107;

$danger: #dc3545;

$light: #f8f9fa;

$dark: #343a40;

// Personalizar tipografía

$font-family-sans-serif: 'Arial', sans-serif;

$body-font-family: $font-family-sans-serif;

$body-font-size: 1rem;

$body-font-weight: 400;

**Listado 15**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Bootstrap Custom Sass</title>

<link rel="stylesheet" href="./Content/css/custumstyles.css">

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

<a class="navbar-brand" href="#">Navbar</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav">

<li class="nav-item active">

<a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Features</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Pricing</a>

</li>

</ul>

</div>

</nav>

<div class="container mt-5">

<h1 class="display-4 text-primary">Hello, world!</h1>

<p class="lead">This is a simple hero unit, a simple jumbotron-style component for calling extra attention to featured content or information.</p>

<hr class="my-4">

<p>It uses utility classes for typography and spacing to space content out within the larger container.</p>

<a class="btn btn-secondary btn-lg" href="#" role="button">Learn more</a>

</div>

</body>

</html>

**Listado 16**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Bootstrap 5.3 Cards Example</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">

</head>

<body>

<div class="container my-5">

<div class="row">

<div class="col-md-4">

<div class="card">

<img src="https://via.placeholder.com/150" class="card-img-top" alt="...">

<div class="card-body">

<h5 class="card-title">Card Title 1</h5>

<p class="card-text">This is a short description for card 1.</p>

<a href="#" class="btn btn-primary">Go somewhere</a>

</div>

</div>

</div>

<div class="col-md-4">

<div class="card w-75 mb-3">

<img src="https://via.placeholder.com/150" class="card-img-top" alt="...">

<div class="card-body">

<h5 class="card-title">Card Title 2</h5>

<p class="card-text">This is a short description for card 2.</p>

<a href="#" class="btn btn-primary">Go somewhere</a>

</div>

</div>

</div>

<div class="col-md-4">

<div class="card w-50">

<img src="https://via.placeholder.com/150" class="card-img-top" alt="...">

<div class="card-body">

<h5 class="card-title">Card Title 3</h5>

<p class="card-text">This is a short description for card 3.</p>

<a href="#" class="btn btn-primary">Go somewhere</a>

</div>

</div>

</div>

</div>

</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>

**Listado 17**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Bootstrap 5.3 Cards Example</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">

</head>

<body>

<div class="container my-5">

<div class="row">

<div class="col-md-4">

<div class="card">

<div class="card-header">

Featured

</div>

<ul class="list-group list-group-flush">

<li class="list-group-item">Cras justo odio</li>

<li class="list-group-item">Dapibus ac facilisis in</li>

<li class="list-group-item">Vestibulum at eros</li>

</ul>

<div class="card-body">

<h5 class="card-title">Card Title 1</h5>

<p class="card-text">This is a short description for card 1.</p>

<a href="#" class="btn btn-primary">Go somewhere</a>

</div>

<div class="card-footer text-muted">

2 days ago

</div>

</div>

</div>

<div class="col-md-4">

<div class="card">

<img src="https://via.placeholder.com/150" class="card-img-top" alt="...">

<div class="card-body">

<h5 class="card-title">Card Title 2</h5>

<p class="card-text">This is a short description for card 2.</p>

<a href="#" class="btn btn-primary">Go somewhere</a>

</div>

</div>

</div>

<div class="col-md-4">

<div class="card text-center">

<div class="card-body">

<h5 class="card-title">Special title treatment</h5>

<p class="card-text">With supporting text below as a natural lead-in to additional content.</p>

<a href="#" class="btn btn-primary">Go somewhere</a>

</div>

<div class="card-footer text-muted">

2 days ago

</div>

</div>

</div>

</div>

</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>

**Listado 18**

<!DOCTYPE html>

<html lang="es">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Paginación Bootstrap 5.3 con Sass</title>

<!-- Vincula los estilos de Bootstrap CSS -->

<link href="https://stackpath.bootstrapcdn.com/bootstrap/5.3.0/css/bootstrap.min.css" rel="stylesheet">

<!-- Vincula tu archivo de estilos personalizados -->

<link href="Content/css/main.css" rel="stylesheet" />

</head>

<body>

<div class="mb-3">

<label for="exampleFormControlInput1" class="form-label">Email address</label>

<input type="email" class="form-control" id="exampleFormControlInput1" placeholder="name@example.com">

</div>

<div class="mb-3">

<label for="exampleFormControlTextarea1" class="form-label">Example textarea</label>

<textarea class="form-control" id="exampleFormControlTextarea1" rows="3"></textarea>

</div>

<!-- Vincula el script de Bootstrap JS -->

<script src="https://stackpath.bootstrapcdn.com/bootstrap/5.3.0/js/bootstrap.bundle.min.js"></script>

</body>

</html>

**Listado 19**

// Personalización del form-control

.custom-form-control {

// Cambia el color de fondo

background-color: #f8f9fa;

// Cambia el color del texto

color: #495057;

// Cambia el borde

border: 2px solid #ced4da;

// Añade un borde redondeado

border-radius: 0.25rem;

// Cambia el relleno

padding: 0.5rem 1rem;

// Añade un efecto de sombra

box-shadow: inset 0 1px 2px rgba(0, 0, 0, 0.075);

// Cambia el color del placeholder

&::placeholder {

color: #6c757d;

opacity: 1; // Para asegurarse de que el color se aplica correctamente

}

// Estilos en foco (cuando el usuario hace clic en el campo)

&:focus {

background-color: #ffffff;

border-color: #80bdff;

outline: 0;

box-shadow: 0 0 0 0.2rem rgba(0, 123, 255, 0.25);

}

}

@import "../bootstrap/bootstrap.scss";

**Listado 20**

.pagination {

display: flex;

padding-left: 0;

list-style: none;

border-radius: 0.375rem;

.page-item {

margin: 0 0.25rem;

&.active .page-link {

background-color: #007bff;

border-color: #007bff;

color: #fff;

}

&:not(.disabled) .page-link {

cursor: pointer;

&:hover {

background-color: #e9ecef;

border-color: #dee2e6;

}

}

&.disabled .page-link {

color: #6c757d;

pointer-events: none;

background-color: #fff;

border-color: #dee2e6;

}

}

.page-link {

position: relative;

display: block;

padding: 0.5rem 0.75rem;

margin-left: -1px;

line-height: 1.25;

color: #007bff;

background-color: #fff;

border: 1px solid #dee2e6;

&:focus,

&:hover {

z-index: 2;

color: #0056b3;

text-decoration: none;

background-color: #e9ecef;

border-color: #dee2e6;

}

}

}

@import "../bootstrap/bootstrap.scss";

**Listado 21**

<!DOCTYPE html>

<html lang="es">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Temas Oscuro y Claro con Bootstrap</title>

<!-- Bootstrap CSS -->

<link id="theme-stylesheet" rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/5.3.0/css/bootstrap.min.css">

</head>

<body class="bg-light text-dark">

<div class="container mt-5">

<h1 class="text-center">Cambiar Tema: Oscuro o Claro</h1>

<div class="text-center">

<button id="theme-toggle-btn" class="btn btn-primary mt-3">Cambiar a Tema Oscuro</button>

</div>

</div>

<!-- Bootstrap JS and dependencies -->

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/5.3.0/js/bootstrap.min.js"></script>

<!-- Script para cambiar el tema -->

<script>

const themeStylesheet = document.getElementById('theme-stylesheet');

const themeToggleBtn = document.getElementById('theme-toggle-btn');

const body = document.body;

themeToggleBtn.addEventListener('click', function () {

if (body.classList.contains('bg-light')) {

// Cambiar a tema oscuro

body.classList.remove('bg-light', 'text-dark');

body.classList.add('bg-dark', 'text-light');

themeToggleBtn.textContent = 'Cambiar a Tema Claro';

} else {

// Cambiar a tema claro

body.classList.remove('bg-dark', 'text-light');

body.classList.add('bg-light', 'text-dark');

themeToggleBtn.textContent = 'Cambiar a Tema Oscuro';

}

});

</script>

</body>

</html>

**Listado 22**

<script>

const themeStylesheet = document.getElementById('theme-stylesheet');

const themeToggleBtn = document.getElementById('theme-toggle-btn');

const body = document.body;

themeToggleBtn.addEventListener('click', function () {

if (body.classList.contains('bg-light')) {

// Cambiar a tema oscuro

body.classList.remove('bg-light', 'text-dark');

body.classList.add('bg-dark', 'text-light');

localStorage.setItem('theme', 'dark');



themeToggleBtn.textContent = 'Cambiar a Tema Claro';

} else {

// Cambiar a tema claro

body.classList.remove('bg-dark', 'text-light');

body.classList.add('bg-light', 'text-dark');

localStorage.setItem('theme', 'light');



themeToggleBtn.textContent = 'Cambiar a Tema Oscuro';

}

});

// Al cargar la página, verificar el tema almacenado

window.onload = function () {

if (localStorage.getItem('theme') === 'dark') {

body.classList.add('bg-dark', 'text-light');



body.classList.remove('bg-light', 'text-dark');

themeToggleBtn.textContent = 'Cambiar a Tema Claro';

}

};

</script>

**Listado 23**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Bootstrap 5.3 Template</title>

<!-- Bootstrap CSS -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous"> <!-- Bootstrap Icons -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">

</head>

<body>

<div id="carouselExampleIndicators" class="carousel slide" data-bs-ride="carousel">

<div class="carousel-indicators">

<button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>

<button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="1" aria-label="Slide 2"></button>

<button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="2" aria-label="Slide 3"></button>

</div>

<div class="carousel-inner">

<div class="carousel-item active">

<img src="/images/image1.JPG" class="d-block w-100" alt="...">

</div>

<div class="carousel-item">

<img src="/images/image2.JPG" class="d-block w-100" alt="...">

</div>

<div class="carousel-item">

<img src="/images/image3.JPG" class="d-block w-100" alt="...">

</div>

</div>

<button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide="prev">

<span class="carousel-control-prev-icon" aria-hidden="true"></span>

<span class="visually-hidden">Previous</span>

</button>

<button class="carousel-control-next" type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide="next">

<span class="carousel-control-next-icon" aria-hidden="true"></span>

<span class="visually-hidden">Next</span>

</button>

</div>

<!-- Bootstrap Bundle with Popper -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz" crossorigin="anonymous"></script>

</body>

</html>

**Listado 24**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Bootstrap 5.3 Template</title>

<!-- Bootstrap CSS -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous"> <!-- Bootstrap Icons -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">

</head>

<body>

<div class="container">

<a class="btn btn-primary" data-bs-toggle="offcanvas" href="#offcanvasExample" role="button" aria-controls="offcanvasExample">

Link with href

</a>

<button class="btn btn-primary" type="button" data-bs-toggle="offcanvas" data-bs-target="#offcanvasExample" aria-controls="offcanvasExample">

Button with data-bs-target

</button>

<div class="offcanvas offcanvas-start" tabindex="-1" id="offcanvasExample" aria-labelledby="offcanvasExampleLabel">

<div class="offcanvas-header">

<h5 class="offcanvas-title" id="offcanvasExampleLabel">Offcanvas</h5>

<button type="button" class="btn-close" data-bs-dismiss="offcanvas" aria-label="Close"></button>

</div>

<div class="offcanvas-body">

<div>

Some text as placeholder. In real life you can have the elements you have chosen. Like, text, images, lists, etc.

</div>

<div class="dropdown mt-3">

<button class="btn btn-secondary dropdown-toggle" type="button" data-bs-toggle="dropdown">

Dropdown button

</button>

<ul class="dropdown-menu">

<li><a class="dropdown-item" href="#">Action</a></li>

<li><a class="dropdown-item" href="#">Another action</a></li>

<li><a class="dropdown-item" href="#">Something else here</a></li>

</ul>

</div>

</div>

</div>

</div>

<!-- Bootstrap Bundle with Popper -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz" crossorigin="anonymous"></script>

</body>

</html>

**Listado 25**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Bootstrap 5.3 Template</title>

<!-- Bootstrap CSS -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous"> <!-- Bootstrap Icons -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css" rel="stylesheet">

</head>

<body>

<button type="button" class="btn btn-primary" id="liveToastBtn">Show live toast</button>

<div class="toast-container position-fixed bottom-0 end-0 p-3">

<div id="liveToast" class="toast" role="alert" aria-live="assertive" aria-atomic="true">

<div class="toast-header">

<img src="..." class="rounded me-2" alt="...">

<strong class="me-auto">Bootstrap</strong>

<small>11 mins ago</small>

<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>

</div>

<div class="toast-body">

Hello, world! This is a toast message.

</div>

</div>

</div>

<!-- Bootstrap Bundle with Popper -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz" crossorigin="anonymous"></script>

<script>

const toastTrigger = document.getElementById('liveToastBtn')

const toastLiveExample = document.getElementById('liveToast')

if (toastTrigger) {

const toastBootstrap = bootstrap.Toast.getOrCreateInstance(toastLiveExample)

toastTrigger.addEventListener('click', () => {

toastBootstrap.show()

})

}

</script>

</body>

</html>

**Listado 26**

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>@ViewBag.Title - Mi aplicación ASP.NET</title>

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css" integrity="sha384-xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N" crossorigin="anonymous">

</head>

<body>

<div class="container body-content">

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<a class="navbar-brand" href="#">MatriculacionesApp</a>

<div class="collapse navbar-collapse" id="navbarNavAltMarkup">

<div class="navbar-nav">

<a class="nav-item nav-link" href="/Home/Index">Inicio</a>

<a class="nav-item nav-link" href="/Home/About">Acerca de</a>

<a class="nav-item nav-link" href="/Home/Contact">Contact</a>

<a class="nav-item nav-link" href="/Matricula/VerMatriculas">Matriculas</a>

</div>

</div>

</nav>

</div>

<div class="container body-content">

@RenderBody()

<hr />

<footer>

<p>&copy; @DateTime.Now.Year - Mi aplicación ASP.NET</p>

</footer>

</div>

<script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.min.js" integrity="sha384-+sLIOodYLS7CIrQpBjl+C7nPvqq+FbNUBDunl/OZv93DB7Ln/533i8e/mZXLi/P+" crossorigin="anonymous"></script>

</body>

</html>

**Listado 27**

@using MatriculacionesAlumnosAPP.Models

@model List<Matricula>

@{

ViewBag.Title = "VerMatriculasConInclude";

}

<div class="container">

<div class="row">

<div class="col align-self-center offset-4">

<h4 class="py-3">MATRICULAS (BOOTSTRAP 4)</h4>

</div>

</div>

<div class="row pb-3">

@Html.ActionLink("Nueva Matrícula", "CrearMatricula", "Matricula", null, new { @class = "btn btn-outline-success" })

</div>

</div>

<table class="table table-hover table-bordered">

<thead class="thead-dark">

<tr>

<th scope="col">Alumno</th>

<th scope="col" class="text-center">Edad</th>

<th scope="col">Asignatura</th>

<th scope="col" class="text-center">Creditos</th>

<th scope="col" class="text-center">Fecha Matricula</th>

<th scope="col"></th>

</tr>

</thead>

<tbody>

@foreach (Matricula Matricula in Model)

{

<tr>

<td>@Matricula.Alumno.nombreAlumno</td>

<td class="text-center">@Matricula.Alumno.Edad</td>

<td>@Matricula.Asignatura.nombreAsignatura</td>

<td class="text-center">@Matricula.Asignatura.Creditos</td>

<td class="text-center">@Matricula.Fecha\_Matricula.ToShortDateString()</td>

<td class="text-center">@Html.ActionLink("Eliminar", "EliminarMatricula", "Matricula",

new { id = Matricula.MatriculaID },

new { @class = "btn btn-outline-danger" })</td>

</tr>

}

</tbody>

</table>

**Listado 28**

@using MatriculacionesAlumnosAPP.Models

@model List<Matricula>

@{

ViewBag.Title = "VerMatriculasConInclude";

}

<div class="container">

<div class="row">

<div class="col align-self-center offset-4">

<h4 class="py-3">MATRICULAS (BOOTSTRAP 4)</h4>

</div>

</div>

<div class="row pb-3">

@Html.ActionLink("Nueva Matrícula", "CrearMatricula", "Matricula", null, new { @class = "btn btn-outline-success" })

</div>

</div>

<table class="table table-hover table-bordered">

<thead class="thead-dark">

<tr>

<th scope="col">Alumno</th>

<th scope="col" class="text-center">Edad</th>

<th scope="col">Asignatura</th>

<th scope="col" class="text-center">Creditos</th>

<th scope="col" class="text-center">Fecha Matricula</th>

<th scope="col"></th>

</tr>

</thead>

<tbody>

@foreach (Matricula Matricula in Model)

{

<tr>

<td>@Matricula.Alumno.nombreAlumno</td>

<td class="text-center">@Matricula.Alumno.Edad</td>

<td>@Matricula.Asignatura.nombreAsignatura</td>

<td class="text-center">@Matricula.Asignatura.Creditos</td>

<td class="text-center">@Matricula.Fecha\_Matricula.ToShortDateString()</td>

<td class="text-center">

<a class="btn btn-outline-danger" href="#" id="btnEliminar"

onclick="eliminar(@Matricula.MatriculaID)">Eliminar</a>

</td>

</tr>

}

</tbody>

</table>

@Scripts.Render("~/bundles/jquery")

@Scripts.Render("~/bundles/sweetalert2")

<script>

function eliminar(valor) {

Swal.fire({

title: "Eliminar esta matrícula?",

showDenyButton: true,

confirmButtonText: "Save",

denyButtonText: `No, salir!`

}).then((result) => {

/\* Read more about isConfirmed, isDenied below \*/

if (result.isConfirmed) {

var url = '@Url.Action("EliminarMatricula", "Matricula",

new { id = "\_\_matriculaId\_\_" })'

.replace('\_\_matriculaId\_\_', valor);

window.location.href = url;

}

});

}

</script>

**Listado 29**

@using MatriculacionesAlumnosAPP.Models

@model List<Matricula>

@{

ViewBag.Title = "VerMatriculasConInclude";

}

<div class="container">

<div class="row">

<div class="col align-self-center offset-4">

<h4 class="py-3">MATRICULAS (BOOTSTRAP 4)</h4>

</div>

</div>

<div class="row pb-3">

<button type="button" class="btn btn-outline-success"

id="modalButton" data-toggle="modal">

Nueva Matricula

</button>

</div>

</div>

<table class="table table-hover table-bordered">

<thead class="thead-dark">

<tr>

<th scope="col">Alumno</th>

<th scope="col" class="text-center">Edad</th>

<th scope="col">Asignatura</th>

<th scope="col" class="text-center">Creditos</th>

<th scope="col" class="text-center">Fecha Matricula</th>

<th scope="col"></th>

</tr>

</thead>

<tbody>

@foreach (Matricula Matricula in Model)

{

<tr>

<td>@Matricula.Alumno.nombreAlumno</td>

<td class="text-center">@Matricula.Alumno.Edad</td>

<td>@Matricula.Asignatura.nombreAsignatura</td>

<td class="text-center">@Matricula.Asignatura.Creditos</td>

<td class="text-center">@Matricula.Fecha\_Matricula.ToShortDateString()</td>

<td class="text-center">

<a class="btn btn-outline-danger" href="#" id="btnEliminar"

onclick="eliminar(@Matricula.MatriculaID)">Eliminar</a>

</td>

</tr>

}

</tbody>

</table>

<!-- Modal para crear nueva matricula -->

<div class="modal fade" id="myModal" data-backdrop="static" tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">

<div class="modal-dialog" role="document">

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title" id="myModalLabel">Crear Matricula</h4>

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span>

</button>

</div>

<div class="modal-body" id="modalContent">

<!-- Aquí se cargará la vista parcial -->

</div>

</div>

</div>

</div>

@Scripts.Render("~/bundles/jquery")

@Scripts.Render("~/bundles/sweetalert2")

<script>

function eliminar(valor) {

Swal.fire({

title: "Eliminar esta matrícula?",

showDenyButton: true,

confirmButtonText: `Si,eliminar!!!`,

denyButtonText: `No, salir!`

}).then((result) => {

if (result.isConfirmed) {

var url = '@Url.Action("EliminarMatricula", "Matricula",

new { id = "\_\_matriculaId\_\_" })'

.replace('\_\_matriculaId\_\_', valor);

window.location.href = url;

}

});

}

$(document).ready(function () {

$('#modalButton').click(function () {

$.ajax({

url: '@Url.Action("\_CreatePartial", "Matricula")',

type: 'GET',

success: function (data) {

$('#modalContent').html(data);

}

});

$('#myModal').modal('show');

});

$('#myModal').on('hidden.bs.modal', function () {

$('#modalContent').html(''); // Limpia el contenido del modal cuando se cierra

});

});

</script>

**Listado 30**

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>@ViewBag.Title - Mi aplicación ASP.NET</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH" crossorigin="anonymous">

@\*<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css" integrity="sha384-xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N" crossorigin="anonymous">\*@

</head>

<body>

<div class="container body-content">

<nav class="navbar navbar-expand-lg bg-body-tertiary">

<div class="container-fluid">

<a class="navbar-brand" href="#">MatriculasApp</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNavDropdown" aria-controls="navbarNavDropdown" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNavDropdown">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link active" aria-current="page" href="/Home/Index">Inicio</a>

</li>

<li class="nav-item">

<a class="nav-link" href="/Home/About">Acerca de</a>

</li>

<li class="nav-item">

<a class="nav-link" href="/Home/Contact">Contact</a>

</li>

<li class="nav-item dropdown">

<a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">

Matriculas

</a>

<ul class="dropdown-menu">

<li><a class="dropdown-item" href="/Matricula/VerMatriculas/false">Ver</a></li>

<li><a class="dropdown-item" href="/Matricula/CrearMatricula">Nueva</a></li>

<li><a class="dropdown-item" href="/Matricula/VerMatriculas/true" onclick="muestraBuscador()">Buscar</a></li>

</ul>

</li>

</ul>

</div>

</div>

</nav>

@\*<nav class="navbar navbar-expand-lg navbar-light bg-light">

<a class="navbar-brand" href="#">MatriculacionesApp</a>

<div class="collapse navbar-collapse" id="navbarNavAltMarkup">

<div class="navbar-nav">

<a class="nav-item nav-link" href="/Home/Index">Inicio</a>

<a class="nav-item nav-link" href="/Home/About">Acerca de</a>

<a class="nav-item nav-link" href="/Home/Contact">Contact</a>

<a class="nav-item nav-link" href="/Matricula/VerMatriculas">Matriculas</a>

</div>

</div>

</nav>\*@

</div>

<div class="container body-content">

@RenderBody()

<hr />

<footer>

<p>&copy; @DateTime.Now.Year - Mi aplicación ASP.NET</p>

</footer>

</div>

<script src="https://cdn.jsdelivr.net/npm/sweetalert2@11"></script>

<script src="~/Scripts/jquery-3.7.1.js"></script>

<script src="~/Scripts/funciones\_para\_matriculas.js"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz" crossorigin="anonymous"></script>

@\*<script src="https://cdn.jsdelivr.net/npm/jquery@3.7.1/dist/jquery.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>\*@

@\*<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN" crossorigin="anonymous"></script>\*@

@\*<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.min.js" integrity="sha384-+sLIOodYLS7CIrQpBjl+C7nPvqq+FbNUBDunl/OZv93DB7Ln/533i8e/mZXLi/P+" crossorigin="anonymous"></script>\*@

</body>

</html>

**Listado 31**

@using MatriculacionesAlumnosAPP.Models

@model List<Matricula>

@{

ViewBag.Title = "VerMatriculasConInclude";

}

<div class="container">

<div class="row">

<div class="col align-self-center offset-4">

<h4 class="py-3">MATRICULAS (BOOTSTRAP 5)</h4>

</div>

</div>

<div class="row pb-3">

<button type="button" class="btn btn-outline-success"

id="modalButton" data-toggle="modal">

Nueva Matricula

</button>

</div>

</div>

@if (ViewBag.Buscador)

{

<div class="container">

<div class="row">

<div class="col align-self-start col-md-5">

<form class="d-flex mb-2" role="search">

<input class="form-control" type="search" placeholder="Buscar" aria-label="Buscar">

<button class="btn btn-outline-success" type="submit">Buscar</button>

</form>

</div>

</div>

</div>

}

<table class="table table-hover table-bordered">

<thead class="thead-dark">

<tr>

<th scope="col">Alumno</th>

<th scope="col" class="text-center">Edad</th>

<th scope="col">Asignatura</th>

<th scope="col" class="text-center">Creditos</th>

<th scope="col" class="text-center">Fecha Matricula</th>

<th scope="col"></th>

</tr>

</thead>

<tbody>

@foreach (Matricula Matricula in Model)

{

<tr>

<td>@Matricula.Alumno.nombreAlumno</td>

<td class="text-center">@Matricula.Alumno.Edad</td>

<td>@Matricula.Asignatura.nombreAsignatura</td>

<td class="text-center">@Matricula.Asignatura.Creditos</td>

<td class="text-center">@Matricula.Fecha\_Matricula.ToShortDateString()</td>

<td class="text-center">

<a class="btn btn-outline-danger" href="#" id="btnEliminar"

onclick="eliminar(@Matricula.MatriculaID)">Eliminar</a>

</td>

</tr>

}

</tbody>

</table>

<!-- Modal para crear nueva matricula -->

<div class="modal fade" id="myModal" data-backdrop="static" tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">

<div class="modal-dialog" role="document">

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title" id="myModalLabel">Crear Matricula</h4>

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span>

</button>

</div>

<div class="modal-body" id="modalContent">

<!-- Aquí se cargará la vista parcial -->

</div>

</div>

</div>

</div>

@Scripts.Render("~/bundles/jquery")

@Scripts.Render("~/bundles/sweetalert2")

<script>

function eliminar(valor) {

Swal.fire({

title: "Eliminar esta matrícula?",

showDenyButton: true,

confirmButtonText: `Si,eliminar!!!`,

denyButtonText: `No, salir!`

}).then((result) => {

if (result.isConfirmed) {

var url = '@Url.Action("EliminarMatricula", "Matricula",

new { id = "\_\_matriculaId\_\_" })'

.replace('\_\_matriculaId\_\_', valor);

window.location.href = url;

}

});

}

$(document).ready(function () {

$('#modalButton').click(function () {

$.ajax({

url: '@Url.Action("\_CreatePartial", "Matricula")',

type: 'GET',

success: function (data) {

$('#modalContent').html(data);

}

});

$('#myModal').modal('show');

});

$('#myModal').on('hidden.bs.modal', function () {

$('#modalContent').html(''); // Limpia el contenido del modal cuando se cierra

});

});

</script>

**Listado 32**

@using MatriculacionesAlumnosAPP.ViewModels

@model MatriculasAlumnosViewModel

@{

ViewBag.Title = "CrearMatricula";

}

@using (Html.BeginForm("CrearMatricula","Matricula",FormMethod.Post))

{

<div class="row">

<div class="col-md-7 offset-2">

<div class="form-group">

<label for="ddlAlumno">Alumno</label>

@Html.DropDownListFor(m => m.AlumnoSeleccionado,

new SelectList(Model.Alumnos, "AlumnoID", "nombreAlumno"), "- Selecciona -",

new { @id="ddlAlumno" ,@class = "form-control" })

</div>

<div class="form-group">

<label for="ddlAsignatura">Asignatura</label>

@Html.DropDownListFor(m => m.AsignaturaSeleccionada,

new SelectList(Model.Asignaturas, "AsignaturaID", "nombreAsignatura"), "- Selecciona -",

new { @id="ddlAsignatura", @class = "form-control" })

</div>

<div class="form-group pb-3">

<label for="txtFecha">Fecha Matricula</label>

<input type="date" id="txtFecha" value="@Model.FechaMatricula" class="form-control" />

</div>

<div class="text-center">

<div class="form-group">

<button type="submit" class="btn btn-outline-success">Crear</button>

@Html.ActionLink("Cancelar", "VerMatriculas", "Matricula", null, new { @class = "btn btn-outline-warning" })

</div>

</div>

</div>

</div>

}

**Listado 33**

@using MatriculacionesAlumnosAPP.Models

@model List<Matricula>

@{

ViewBag.Title = "VerMatriculasConInclude";

}

<div class="container">

<div class="row">

<div class="col align-self-center offset-4">

<h4 class="py-3">MATRICULAS (BOOTSTRAP 5)</h4>

</div>

</div>

<div class="row pb-3">

<button type="button" class="btn btn-outline-success"

id="modalButton" data-bs-toggle="modal">

Nueva Matricula

</button>

</div>

</div>

@if (ViewBag.Buscador)

{

<div class="container">

<div class="row">

<div class="col align-self-start col-md-5">

<form class="d-flex mb-2" role="search">

<input class="form-control" type="search" placeholder="Buscar" aria-label="Buscar">

<button class="btn btn-outline-success" type="submit">Buscar</button>

</form>

</div>

</div>

</div>

}

<table class="table table-hover table-bordered">

<thead class="thead-dark">

<tr>

<th scope="col">Alumno</th>

<th scope="col" class="text-center">Edad</th>

<th scope="col">Asignatura</th>

<th scope="col" class="text-center">Creditos</th>

<th scope="col" class="text-center">Fecha Matricula</th>

<th scope="col"></th>

</tr>

</thead>

<tbody>

@foreach (Matricula Matricula in Model)

{

<tr>

<td>@Matricula.Alumno.nombreAlumno</td>

<td class="text-center">@Matricula.Alumno.Edad</td>

<td>@Matricula.Asignatura.nombreAsignatura</td>

<td class="text-center">@Matricula.Asignatura.Creditos</td>

<td class="text-center">@Matricula.Fecha\_Matricula.ToShortDateString()</td>

<td class="text-center">

<a class="btn btn-outline-danger" href="#" id="btnEliminar"

onclick="eliminar(@Matricula.MatriculaID)">Eliminar</a>

</td>

</tr>

}

</tbody>

</table>

<!-- Modal para crear nueva matricula -->

<div class="modal fade" id="myModal" data-backdrop="static" data-bs-keyboard="false"

tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">

<div class="modal-dialog" role="document">

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title fs-5" id="myModalLabel">Crear Matricula</h4>

<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close">

@\*<span aria-hidden="true">&times;</span>\*@

</button>

</div>

<div class="modal-body" id="modalContent">

<!-- Aquí se cargará la vista parcial -->

</div>

</div>

</div>

</div>

@Scripts.Render("~/bundles/jquery")

@Scripts.Render("~/bundles/sweetalert2")

<script>

function eliminar(valor) {

Swal.fire({

title: "Eliminar esta matrícula?",

showDenyButton: true,

confirmButtonText: `Si,eliminar!!!`,

denyButtonText: `No, salir!`

}).then((result) => {

if (result.isConfirmed) {

var url = '@Url.Action("EliminarMatricula", "Matricula",

new { id = "\_\_matriculaId\_\_" })'

.replace('\_\_matriculaId\_\_', valor);

window.location.href = url;

}

});

}

$(document).ready(function () {

$('#modalButton').click(function () {

$.ajax({

url: '@Url.Action("\_CreatePartial", "Matricula")',

type: 'GET',

success: function (data) {

$('#modalContent').html(data);

}

});

$('#myModal').modal('show');

});

$('#myModal').on('hidden.bs.modal', function () {

$('#modalContent').html(''); // Limpia el contenido del modal cuando se cierra

});

});

</script>

**Listado 34**

public ActionResult VerMatriculas(bool id, string sortOrder, string currentFilter, string searchString, int? page)

//parametros: id muestra u oculta la caja de busqueda

//sortorder: permite hacer ordenación

//searchString: se encarga de hacer la busqueda

//currentFilter: recibe el valor del filtro actual

//page: nº de página a mostrar

{

ViewBag.buscador = id;

//Parámetro con la Ordenacion actual

ViewBag.CurrentSort = sortOrder;

//Parametros para la Ordenación de resultados

ViewBag.NameSortrParam = string.IsNullOrEmpty(sortOrder) ? "name\_desc" : "";

ViewBag.DateSortParam = sortOrder == "Date" ? "date\_desc" : "Date";

//Control del numero de página desde la que se ha hecho la búsqueda

if(searchString != null)

{

page = 1;

}

else

{

searchString = currentFilter;

}

ViewBag.CurrentFilter = searchString;

using (var context = new DbContext.Context())

{

var queryConIncludes = context.Matriculas.Include(m => m.Alumno).Include(m => m.Asignatura).ToList();

if (!string.IsNullOrEmpty(searchString))

{

queryConIncludes = context.Matriculas.Include(m => m.Alumno).

Include(m => m.Asignatura).

Where(m=>m.Alumno.nombreAlumno.Contains(searchString) || m.Asignatura.nombreAsignatura.Contains(searchString)).ToList();

}

switch (sortOrder)

{

case "name\_desc":

queryConIncludes = queryConIncludes.OrderByDescending(s => s.Alumno.nombreAlumno).ToList();

break;

case "Date":

queryConIncludes = queryConIncludes.OrderBy(s => s.Fecha\_Matricula).ToList();

break;

case "date\_desc":

queryConIncludes = queryConIncludes.OrderByDescending(s => s.Fecha\_Matricula).ToList();

break;

default:

queryConIncludes = queryConIncludes.OrderBy(s => s.Alumno.nombreAlumno).ToList();

break;

}

int pageSize = 3; //numero de registros por pagina

int pageNumber = (page ?? 1); //Devuelve la pagina si tiene un valor o devuelve 1 si es null

return View("VerMatriculasConInclude", queryConIncludes.ToPagedList(pageNumber,pageSize));

//return View("VerMatriculasConInclude", queryConIncludes);

}

}

**Listado 35**

@\*@using MatriculacionesAlumnosAPP.Models

@model List<Matricula>\*@

@model PagedList.IPagedList<MatriculacionesAlumnosAPP.Models.Matricula>

@using PagedList.Mvc;

@{

ViewBag.Title = "VerMatriculasConInclude";

}

<style>

.ul.pagination {

display: inline-block;

padding: 0;

margin: 0;

}

ul.pagination li {

display: inline;

background-color:lightblue;

box-shadow:initial;

color:white;

}

ul.pagination li a {

color: black;

float: left;

padding: 8px 16px;

text-decoration: none;

transition: background-color .3s;

}

ul.pagination li a.active {

background-color: #4CAF50;

color: white;

}

ul.pagination li a:hover:not(.active) {

background-color: #ddd;

}

</style>

<div class="container">

<div class="row">

<div class="col align-self-center offset-4">

<h4 class="py-3">MATRICULAS (BOOTSTRAP 5)</h4>

</div>

</div>

<div class="row pb-3">

<button type="button" class="btn btn-outline-success"

id="modalButton" data-bs-toggle="modal">

Nueva Matricula

</button>

</div>

</div>

@if (ViewBag.Buscador)

{

<div class="container">

<div class="row">

<div class="col align-self-start col-md-5">

<form class="d-flex mb-2" role="search" method="get">

@Html.TextBox("SearchString", ViewBag.CurrentFilter as string,new { @class = "form-control", @placeholder = "Buscar", @type = "search" })

@\*@Html.TextBox("SearchString", null, new { @class = "form-control", @placeholder = "Buscar", @type = "search" })\*@

@\*<input class="form-control" type="search" placeholder="Buscar" aria-label="Buscar">\*@

<button class="btn btn-outline-success" type="submit">Buscar</button>

</form>

</div>

</div>

</div>

}

<table class="table table-hover table-bordered">

<thead class="thead-dark">

<tr>

@\*<th scope="col">Alumno</th>\*@

<th scope="col">@Html.ActionLink("Alumno", "VerMatriculas", new { id = ViewBag.buscador, sortOrder = ViewBag.NameSortParam })</th>

<th scope="col" class="text-center">Edad</th>

<th scope="col">Asignatura</th>

<th scope="col" class="text-center">Creditos</th>

<th scope="col" class="text-center">@Html.ActionLink("Fecha Matricula", "VerMatriculas", new { id = ViewBag.buscador, sortOrder = ViewBag.DateSortParam })</th>

@\*<th scope="col" class="text-center">Fecha Matricula</th>\*@

<th scope="col"></th>

</tr>

</thead>

<tbody>

@foreach (var item in Model)

{

<tr>

<td>@item.Alumno.nombreAlumno</td>

<td class="text-center">@item.Alumno.Edad</td>

<td>@item.Asignatura.nombreAsignatura</td>

<td class="text-center">@item.Asignatura.Creditos</td>

<td class="text-center">@item.Fecha\_Matricula.ToShortDateString()</td>

<td class="text-center">

<a class="btn btn-outline-danger" href="#" id="btnEliminar"

onclick="eliminar(@item.MatriculaID)">Eliminar</a>

</td>

</tr>

}

</tbody>

</table>

<div class="container">

<div class="row">

<div class="col col-1">

Page @(Model.PageCount < Model.PageNumber ? 0 : Model.PageNumber) of @Model.PageCount

</div>

<div class="col">

<nav class="pagination" aria-label="Page navigation">

@Html.PagedListPager(Model, page => Url.Action("VerMatriculas",

new { id = ViewBag.buscador, page, sortOrder = ViewBag.CurrentSort, currentFilter = ViewBag.CurrentFilter }))

</nav>

</div>

</div>

</div>

<!-- Modal para crear nueva matricula -->

<div class="modal fade" id="myModal" data-backdrop="static" data-bs-keyboard="false"

tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">

<div class="modal-dialog" role="document">

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title fs-5" id="myModalLabel">Crear Matricula</h4>

<button type = "button" class="btn-close" data-bs-dismiss="modal" aria-label="Close">

@\*<span aria-hidden="true">&times;</span>\*@

</button>

</div>

<div class="modal-body" id="modalContent">

<!-- Aquí se cargará la vista parcial -->

</div>

</div>

</div>

</div>

@Scripts.Render("~/bundles/jquery")

@Scripts.Render("~/bundles/sweetalert2")

<script>

function eliminar(valor) {

Swal.fire({

title: "Eliminar esta matrícula?",

showDenyButton: true,

confirmButtonText: `Si,eliminar!!!`,

denyButtonText: `No, salir!`

}).then((result) => {

if (result.isConfirmed) {

var url = '@Url.Action("EliminarMatricula", "Matricula",

new { id = "\_\_matriculaId\_\_" })'

.replace('\_\_matriculaId\_\_', valor);

window.location.href = url;

}

});

}

$(document).ready(function () {

$('#modalButton').click(function () {

$.ajax({

url: '@Url.Action("\_CreatePartial", "Matricula")',

type: 'GET',

success: function (data) {

$('#modalContent').html(data);

}

});

$('#myModal').modal('show');

});

$('#myModal').on('hidden.bs.modal', function () {

$('#modalContent').html(''); // Limpia el contenido del modal cuando se cierra

});

});

</script>

**Listado 36**

@using MatriculacionesAlumnosAPP.ViewModels

@model MatriculasAlumnosViewModel

@{

ViewBag.Title = "CrearMatricula";

}

@using (Html.BeginForm("CrearMatricula", "Matricula", FormMethod.Post, new {@class= "row g-3 needs-validation", @novalidate= "true" }))

{

<div class="row">

<div class="col-md-7 offset-2">

<div class="form-group">

<label for="ddlAlumno">Alumno</label>

<div class="input-group has-validation">

@Html.DropDownListFor(m => m.AlumnoSeleccionado,

new SelectList(Model.Alumnos, "AlumnoID", "nombreAlumno"), "- Selecciona -",

new { @id = "ddlAlumno", @class = "form-control", required = "required" })

<div class="invalid-feedback">

Por favor, elija un alumno para matricular.

</div>

</div>

</div>

<div class="form-group">

<label for="ddlAsignatura">Asignatura</label>

<div class="input-group has-validation">

@Html.DropDownListFor(m => m.AsignaturaSeleccionada,

new SelectList(Model.Asignaturas, "AsignaturaID", "nombreAsignatura"), "- Selecciona -",

new { @id = "ddlAsignatura", @class = "form-control", required = "required" })

<div class="invalid-feedback">

Por favor, elija una asignatura para matricular.

</div>

</div>

</div>

<div class="form-group pb-3">

<label for="txtFecha">Fecha Matricula</label>

<div class="input-group has-validation">

<input type="date" id="txtFecha" value="@Model.FechaMatricula" class="form-control" required />

<div class="invalid-feedback">

Por favor, elija fecha de matrícula.

</div>

</div>

</div>

<div class="text-center">

<div class="form-group">

<button type="submit" class="btn btn-outline-success">Crear</button>

@Html.ActionLink("Cancelar", "VerMatriculas", "Matricula", new {id=false, sortOrder="", currentFilter="", searchString=""}, new { @class = "btn btn-outline-warning" })

</div>

</div>

</div>

</div>

}

<script>

(() => {

'use strict'

// Fetch all the forms we want to apply custom Bootstrap validation styles to

const forms = document.querySelectorAll('.needs-validation')

// Loop over them and prevent submission

Array.from(forms).forEach(form => {

form.addEventListener('submit', event => {

if (!form.checkValidity()) {

event.preventDefault()

event.stopPropagation()

}

form.classList.add('was-validated')

}, false)

})

})()

</script>

**Listado 37**

.pagination {

display: flex;

padding-left: 0;

list-style: none;

border-radius: 0.375rem;

.page-item {

margin: 0 0.25rem;

&.active .page-link {

background-color: #007bff;

border-color: #007bff;

color: #fff;

}

&:not(.disabled) .page-link {

cursor: pointer;

&:hover {

background-color: #e9ecef;

border-color: #dee2e6;

}

}

&.disabled .page-link {

color: #6c757d;

pointer-events: none;

background-color: #fff;

border-color: #dee2e6;

}

}

.page-link {

position: relative;

display: block;

padding: 0.5rem 0.75rem;

margin-left: -1px;

line-height: 1.25;

color: #007bff;

background-color: #fff;

border: 1px solid #dee2e6;

&:focus,

&:hover {

z-index: 2;

color: #0056b3;

text-decoration: none;

background-color: #e9ecef;

border-color: #dee2e6;

}

}

}

@import "../bootstrap/bootstrap.scss";

**Listado 38**

@model PagedList.IPagedList<MatriculacionesAlumnosAPP.Models.Matricula>

@using PagedList.Mvc;

@{

ViewBag.Title = "VerMatriculasConInclude";

}

<link href="~/Content/css/main.css" rel="stylesheet" />

@{

var pagedListOptions = new PagedListRenderOptions

{

DisplayLinkToFirstPage = PagedListDisplayMode.Always,

DisplayLinkToLastPage = PagedListDisplayMode.Always,

DisplayLinkToPreviousPage = PagedListDisplayMode.Always,

DisplayLinkToNextPage = PagedListDisplayMode.Always,

DisplayLinkToIndividualPages = true,

DisplayPageCountAndCurrentLocation = false,

MaximumPageNumbersToDisplay = 10,

DisplayEllipsesWhenNotShowingAllPageNumbers = true,

EllipsesFormat = "&#8230;",

LinkToFirstPageFormat = "First",

LinkToPreviousPageFormat = "Previous",

LinkToNextPageFormat = "Next",

LinkToLastPageFormat = "Last",

UlElementClasses = new List<string> { "pagination"},

LiElementClasses = new List<string> { "page-item", "page-link" }

};

}

@\*<style>

.ul.pagination {

display: inline-block;

padding: 0;

margin: 0;

}

ul.pagination li {

display: inline;

background-color: lightblue;

box-shadow: initial;

color: white;

}

ul.pagination li a {

color: black;

float: left;

padding: 8px 16px;

text-decoration: none;

transition: background-color .3s;

}

ul.pagination li a.active {

background-color: #4CAF50;

color: white;

}

ul.pagination li a:hover:not(.active) {

background-color: #ddd;

}

</style>\*@

<div class="container">

<div class="row">

<div class="col align-self-center offset-4">

<h4 class="py-3">MATRICULAS (BOOTSTRAP 5)</h4>

</div>

</div>

<div class="row pb-3">

<button type="button" class="btn btn-outline-success" data-bs-target="#myModal"

id="modalButton" data-bs-toggle="modal">

Nueva Matricula

</button>

</div>

</div>

@if (ViewBag.Buscador)

{

<div class="container">

<div class="row">

<div class="col align-self-start col-md-5">

<form class="d-flex mb-2" role="search" method="get">

@Html.TextBox("SearchString", ViewBag.CurrentFilter as string, new { @class = "form-control", @placeholder = "Buscar", @type = "search" })

@\*@Html.TextBox("SearchString", null, new { @class = "form-control", @placeholder = "Buscar", @type = "search" })\*@

@\*<input class="form-control" type="search" placeholder="Buscar" aria-label="Buscar">\*@

<button class="btn btn-outline-success" type="submit">Buscar</button>

</form>

</div>

</div>

</div>

}

<table class="table table-hover table-bordered">

<thead class="thead-dark">

<tr>

@\*<th scope="col">Alumno</th>\*@

<th scope="col">@Html.ActionLink("Alumno", "VerMatriculas", new { id = ViewBag.buscador, sortOrder = ViewBag.NameSortParam })</th>

<th scope="col" class="text-center">Edad</th>

<th scope="col">Asignatura</th>

<th scope="col" class="text-center">Creditos</th>

<th scope="col" class="text-center">@Html.ActionLink("Fecha Matricula", "VerMatriculas", new { id = ViewBag.buscador, sortOrder = ViewBag.DateSortParam })</th>

@\*<th scope="col" class="text-center">Fecha Matricula</th>\*@

<th scope="col"></th>

</tr>

</thead>

<tbody>

@foreach (var item in Model)

{

<tr>

<td>@item.Alumno.nombreAlumno</td>

<td class="text-center">@item.Alumno.Edad</td>

<td>@item.Asignatura.nombreAsignatura</td>

<td class="text-center">@item.Asignatura.Creditos</td>

<td class="text-center">@item.Fecha\_Matricula.ToShortDateString()</td>

<td class="text-center">

<a class="btn btn-outline-danger" href="#" id="btnEliminar"

onclick="eliminar(@item.MatriculaID)">Eliminar</a>

</td>

</tr>

}

</tbody>

</table>

<div class="container">

<div class="row">

<div class="col col-1">

Page @(Model.PageCount < Model.PageNumber ? 0 : Model.PageNumber) of @Model.PageCount

</div>

<div class="col">

<nav class="pagination" aria-label="Page navigation">

@Html.PagedListPager(Model, page => Url.Action("VerMatriculas",

new { id = ViewBag.buscador, page, sortOrder = ViewBag.CurrentSort, currentFilter = ViewBag.CurrentFilter }), pagedListOptions)

</nav>

</div>

</div>

</div>

<!-- Modal para crear nueva matricula -->

<div class="modal fade" id="myModal" data-backdrop="static" data-bs-keyboard="false"

tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">

<div class="modal-dialog" role="document">

<div class="modal-content">

<div class="modal-header">

<h4 class="modal-title fs-5" id="myModalLabel">Crear Matricula</h4>

<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close">

@\*<span aria-hidden="true">&times;</span>\*@

</button>

</div>

<div class="modal-body" id="modalContent">

<!-- Aquí se cargará la vista parcial -->

</div>

</div>

</div>

</div>

@Scripts.Render("~/bundles/jquery")

@Scripts.Render("~/bundles/sweetalert2")

<script>

function eliminar(valor) {

Swal.fire({

title: "Eliminar esta matrícula?",

showDenyButton: true,

confirmButtonText: `Si,eliminar!!!`,

denyButtonText: `No, salir!`

}).then((result) => {

if (result.isConfirmed) {

var url = '@Url.Action("EliminarMatricula", "Matricula",

new { id = "\_\_matriculaId\_\_" })'

.replace('\_\_matriculaId\_\_', valor);

window.location.href = url;

}

});

}

$(document).ready(function () {

$('#modalButton').click(function () {

$.ajax({

url: '@Url.Action("\_CreatePartial", "Matricula")',

type: 'GET',

success: function (data) {

$('#modalContent').html(data);

}

});

$('#myModal').modal('show');

});

$('#myModal').on('hidden.bs.modal', function () {

$('#modalContent').html(''); // Limpia el contenido del modal cuando se cierra

});

});

</script>