

Projecte MVC en PHP i base de dades



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Assignatura: M9 Programació de serveis i processos

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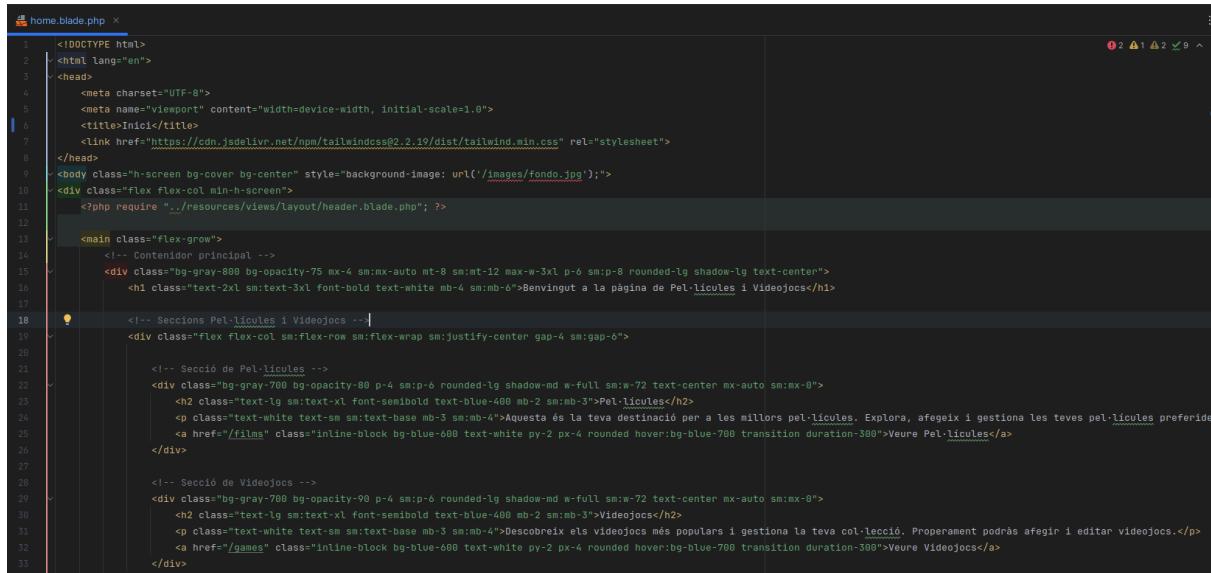
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Documentació dels fitxers modificats

Inici

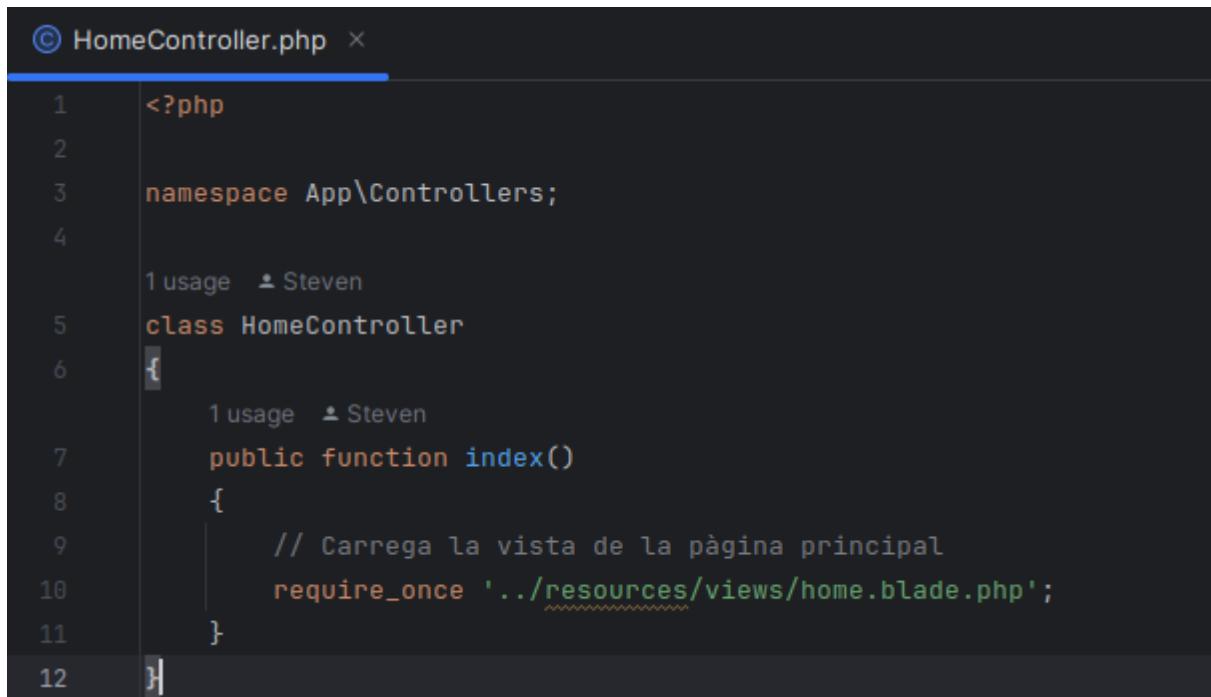
He creat el arxiu **Home.blade.php** que es el que contindra l'estructura html de la pagina d'inici, he utilitzat tailwindcss



```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Inici</title>
    <link href="https://cdn.jsdelivr.net/npm/tailwindcss@2.2.19/dist/tailwind.min.css" rel="stylesheet">
</head>
<body class="h-screen bg-cover bg-center" style="background-image: url('/images/fondo.jpg');">
    <?php require "../resources/views/layout/header.blade.php"; ?>

    <main class="flex-grow">
        <!-- Contenidor principal -->
        <div class="bg-gray-800 bg-opacity-75 mx-4 sm:mx-auto mt-8 sm:mt-12 max-w-3xl p-6 sm:p-8 rounded-lg shadow-lg text-center">
            <h1 class="text-2xl sm:text-3xl font-bold text-white mb-4 sm:mb-0">Benvingut a la pàgina de Pel·lícules i Videojocs</h1>
            <!-- Seccions Pel·lícules i Videojocs -->
            <div class="flex flex-col sm:flex-row sm:justify-center gap-4 sm:gap-6">
                <!-- Secció de Pel·lícules -->
                <div class="bg-gray-700 bg-opacity-80 p-4 sm:p-6 rounded-lg shadow-md w-full sm:w-72 text-center mx-auto sm:mx-0">
                    <h2 class="text-lg sm:text-xl font-semibold text-blue-400 mb-2 sm:mb-3">Pel·lícules</h2>
                    <p class="text-white text-sm sm:text-base mb-3 sm:mb-4">Aquesta és la teva destinació per a les millors pel·lícules. Explora, afageix i gestiona les teves pel·lícules preferides.</p>
                    <a href="/films" class="inline-block bg-blue-600 text-white py-2 px-4 rounded hover:bg-blue-700 transition duration-300">Veure Pel·lícules</a>
                </div>
                <!-- Secció de Videojocs -->
                <div class="bg-gray-700 bg-opacity-90 p-4 sm:p-6 rounded-lg shadow-md w-full sm:w-72 text-center mx-auto sm:mx-0">
                    <h2 class="text-lg sm:text-xl font-semibold text-blue-400 mb-2 sm:mb-3">Videojocs</h2>
                    <p class="text-white text-sm sm:text-base mb-3 sm:mb-4">Descobreix els videojocs més populars i gestiona la teva col·lecció. Properament podràs afegir i editar videojocs.</p>
                    <a href="/games" class="inline-block bg-blue-600 text-white py-2 px-4 rounded hover:bg-blue-700 transition duration-300">Veure Videojocs</a>
                </div>
            </div>
        </div>
    </main>
</body>
```

Creare el fitxer **HomeController.php** per gestionar la pàgina d'inici de l'aplicació. Aquesta classe és responsable de carregar la vista principal, que permet als usuaris accedir a les funcionalitats bàsiques del sistema



```
<?php

namespace App\Controllers;

class HomeController
{
    public function index()
    {
        // Carrega la vista de la pàgina principal
        require_once '../resources/views/home.blade.php';
    }
}
```

He actualitzat el fitxer **Route.php** per assignar la pàgina d'inici a / i les pel·lícules a /films.

```
// Ruta de la pàgina principal (Inici)
if ($uri === '/') {
    require '../App\Controllers/HomeController.php'; // Aquí carreguem el controlador de la pàgina d'inici
    $controller = 'App\Controllers\HomeController';
    // Creem una nova instància del controlador d'inici
    $controllerInstance = new $controller();
    return $controllerInstance->index(); // Redirigim a la funció index
}

if ($uri === '/films') {
    require '../App\Controllers/FilmController.php';
    $controller = 'App\Controllers\FilmController';
    $controllerInstance = new $controller();
    return $controllerInstance->index(); // Mostra totes les pel·lícules
}
```

Films

He modificat una mica el **index.blade.php** que era la pagina de films per a adaptar-la als nous estils de la pàgina. A més a més he afegit el apartat **show info** que ens dirigira a la nova pàgina de detalls que creare més endavant

```
index.blade.php x
1  <!DOCTYPE html>
2  <html lang="es">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Films</title>
7      <link href="https://cdn.jsdelivr.net/npm/tailwindcss@2.2.19/dist/tailwind.min.css" rel="stylesheet">
8  <style>
9      /* Estil per a la imatge de fons */
10     body {
11         background-image: url('/images/fondo.jpg');
12         background-size: cover; /* Evitar la repetició */
13         background-position: center;
14         background-repeat: no-repeat; /* Evitar la repetició */
15     }
16  </style>
17 </head>
18 <body class="flex flex-col min-h-screen">
19 <?php require "../resources/views/layout/header.blade.php"; ?>
20
21 <main class="flex-grow px-4 sm:px-6 lg:px-8" >!-- Afegint padding lateral -->
22 <div class="max-w-4xl mx-auto bg-white bg-opacity-80 rounded-lg p-6 mt-8 mb-6">
23     <h1 class="text-3xl font-bold mb-4 text-center text-gray-900">Films</h1>
24
25     <!-- Contenidor per al botó i la taula amb marges -->
26 <div class="space-y-4">
27     <div class="add-film flex justify-end mb-4">
28         <a href="/create" class="bg-blue-500 text-white px-2 py-2 rounded hover:bg-blue-700 transition duration-300">Add New Film</a>
29     </div>
30
31     <!-- Taula amb scroll horitzontal -->
32 <div class="overflow-x-auto">
33     <table class="min-w-full bg-white border border-gray-300 rounded-lg shadow-md">
34         <thead class="bg-gray-200 text-gray-600 uppercase text-sm leading-normal">
35             <tr>
```

He modificat la taula de manera que ara contindrà alguns camps nous com **description**, **genre**, **duration** i **cast**

	id	name	director	year	description	genre	duration	cast
1	2	Star Wars	George Lucas	1977	descripcio star wars	Accio	188	Ewan McGregor
2	3	Blade Runner 2049	Denis Villeneuve	2017	descripcio blade runner	Accio	110	Ryan Gosling
3	4	Mad Max: Fury Road	George Miller	2015	descripcio amd max	Accio	115	Tom Hardy
4	11	The Dark Knight	Cristopher Nolan	2008	La mejor pelicula de batman	Suspense	120	Cristian Bale

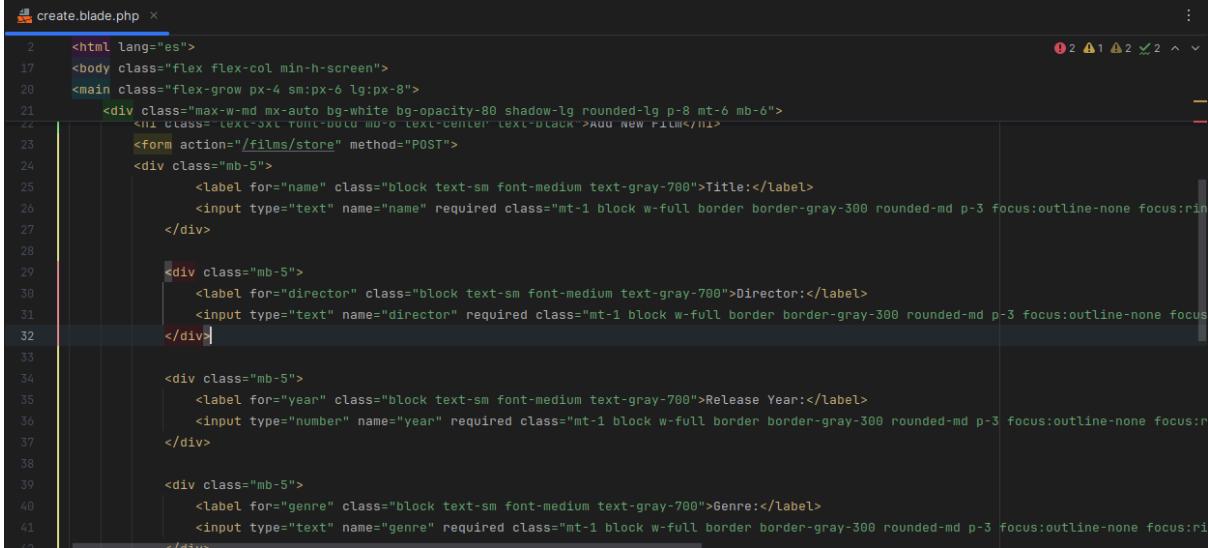
He actualitzat el fitxer **Film.php** de manera que en les funcions **create** i **update**, estiguin vinculats els nous valors que he afegit a la taula.

```
class Film
{
    public static function create($data)
    {
        $db = App::get('database')->getConnection();
        $statement = $db->prepare('INSERT INTO ' . static::$table . " (name, director, year, genre, duration, cast, description) VALUES (:name, :director, :year, :genre, :duration, :cast, :description)');
        // Vinculem els valors
        $statement->bindValue(':name', $data['name']);
        $statement->bindValue(':director', $data['director']);
        $statement->bindValue(':year', $data['year']);
        $statement->bindValue(':genre', $data['genre']);
        $statement->bindValue(':duration', $data['duration']);
        $statement->bindValue(':cast', $data['cast']);
        $statement->bindValue(':description', $data['description']);
        $statement->execute();
    }

    public static function update($id, $data)
    {
        $db = App::get('database')->getConnection();
        $statement = $db->prepare("UPDATE " . static::$table . " SET name = :name, director = :director, year = :year, genre = :genre, duration = :duration, cast = :cast, description = :description WHERE id = :id");
        // Vinculem els valors
        $statement->bindValue(':id', $id);
        $statement->bindValue(':name', $data['name']);
        $statement->bindValue(':director', $data['director']);
        $statement->bindValue(':year', $data['year']);
        $statement->bindValue(':genre', $data['genre']);
        $statement->bindValue(':duration', $data['duration']);
        $statement->bindValue(':cast', $data['cast']);
        $statement->bindValue(':description', $data['description']);
    }
}
```

Create

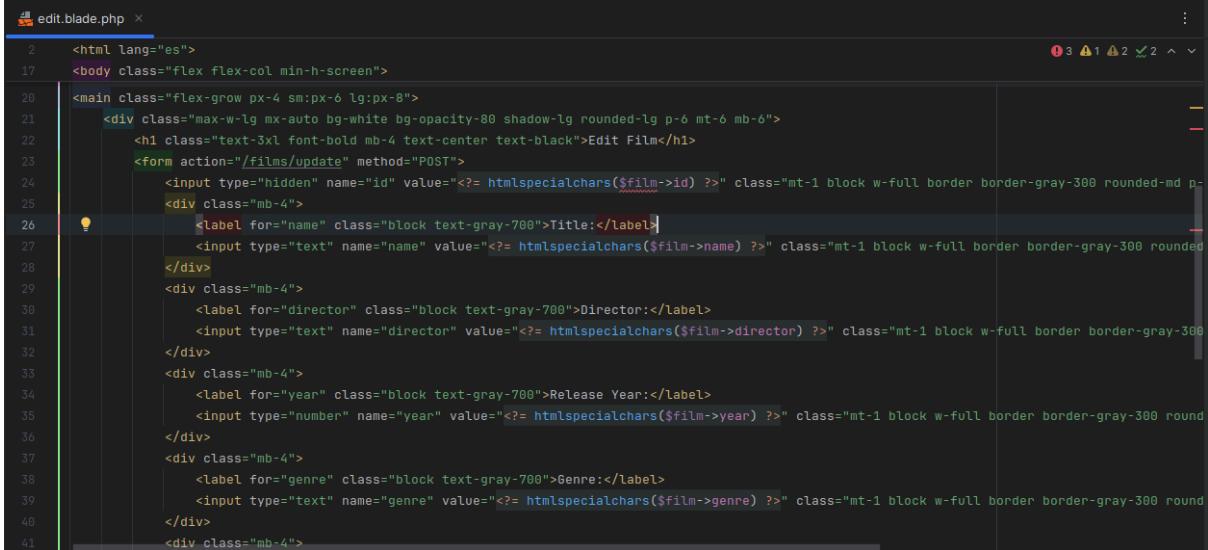
El fitxer create l'he actualitzat per a que contingui els nous valors i li he aplicat els nous estils en tailwindcss. També canviarem la ruta de store per a que la guarde en **/films/store**



```
create.blade.php
1 <html lang="es">
2   <body class="flex flex-col min-h-screen">
3     <main class="flex-grow px-4 sm:px-6 lg:px-8">
4       <div class="max-w-md mx-auto bg-white bg-opacity-80 shadow-lg rounded-lg p-8 mt-6 mb-6">
5         <h1 class="text-3xl font-bold mb-4 text-center text-black">ADD NEW FILM</h1>
6         <form action="/films/store" method="POST">
7           <div class="mb-5">
8             <label for="name" class="block text-sm font-medium text-gray-700">Title:</label>
9             <input type="text" name="name" required class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="New Film">
10            </div>
11
12            <div class="mb-5">
13              <label for="director" class="block text-sm font-medium text-gray-700">Director:</label>
14              <input type="text" name="director" required class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="John Doe">
15            </div>
16
17            <div class="mb-5">
18              <label for="year" class="block text-sm font-medium text-gray-700">Release Year:</label>
19              <input type="number" name="year" required class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="2023">
20            </div>
21
22            <div class="mb-5">
23              <label for="genre" class="block text-sm font-medium text-gray-700">Genre:</label>
24              <input type="text" name="genre" required class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="Action">
25            </div>
```

Edit

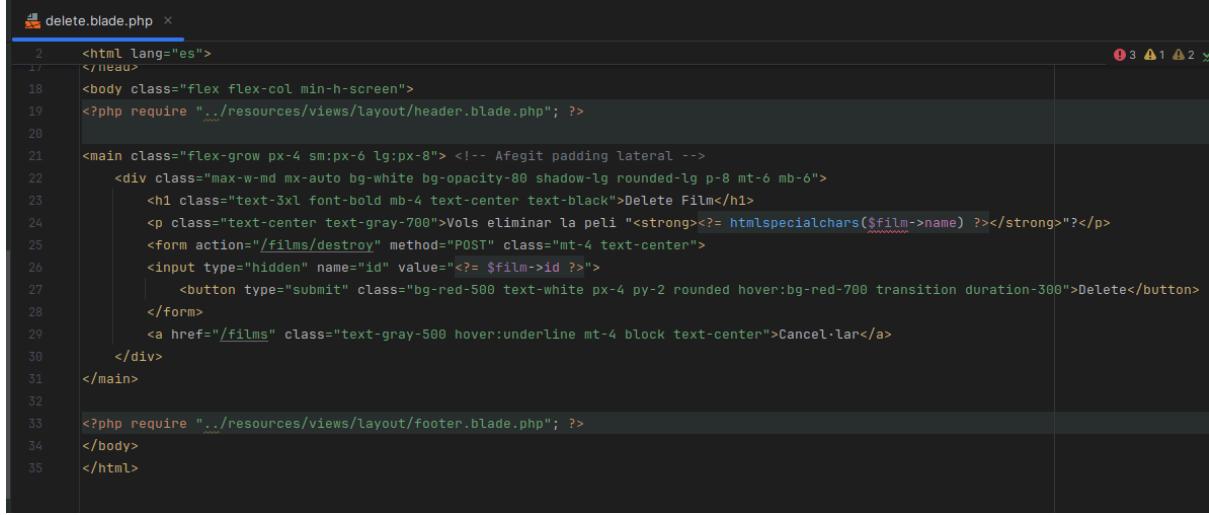
He fet exactament el mateix del create pero en el edit.



```
edit.blade.php
1 <html lang="es">
2   <body class="flex flex-col min-h-screen">
3     <main class="flex-grow px-4 sm:px-6 lg:px-8">
4       <div class="max-w-lg mx-auto bg-white bg-opacity-80 shadow-lg rounded-lg p-6 mt-6 mb-6">
5         <h1 class="text-3xl font-bold mb-4 text-center text-black">Edit Film</h1>
6         <form action="/films/update" method="POST">
7           <input type="hidden" name="id" value="= htmlspecialchars($film-&gt;id) ?&gt;" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="1"&gt;
8           &lt;div class="mb-4"&gt;
9             &lt;label for="name" class="block text-gray-700"&gt;Title:&lt;/label&gt;
10            &lt;input type="text" name="name" value="<?= htmlspecialchars($film-&gt;name) ?&gt;" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="New Film"&gt;
11          &lt;/div&gt;
12
13          &lt;div class="mb-4"&gt;
14            &lt;label for="director" class="block text-gray-700"&gt;Director:&lt;/label&gt;
15            &lt;input type="text" name="director" value="<?= htmlspecialchars($film-&gt;director) ?&gt;" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="John Doe"&gt;
16          &lt;/div&gt;
17
18          &lt;div class="mb-4"&gt;
19            &lt;label for="year" class="block text-gray-700"&gt;Release Year:&lt;/label&gt;
20            &lt;input type="number" name="year" value="<?= htmlspecialchars($film-&gt;year) ?&gt;" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="2023"&gt;
21          &lt;/div&gt;
22
23          &lt;div class="mb-4"&gt;
24            &lt;label for="genre" class="block text-gray-700"&gt;Genre:&lt;/label&gt;
25            &lt;input type="text" name="genre" value="<?= htmlspecialchars($film-&gt;genre) ?&gt;" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="Action"&gt;
26          &lt;/div&gt;</pre
```

Delete

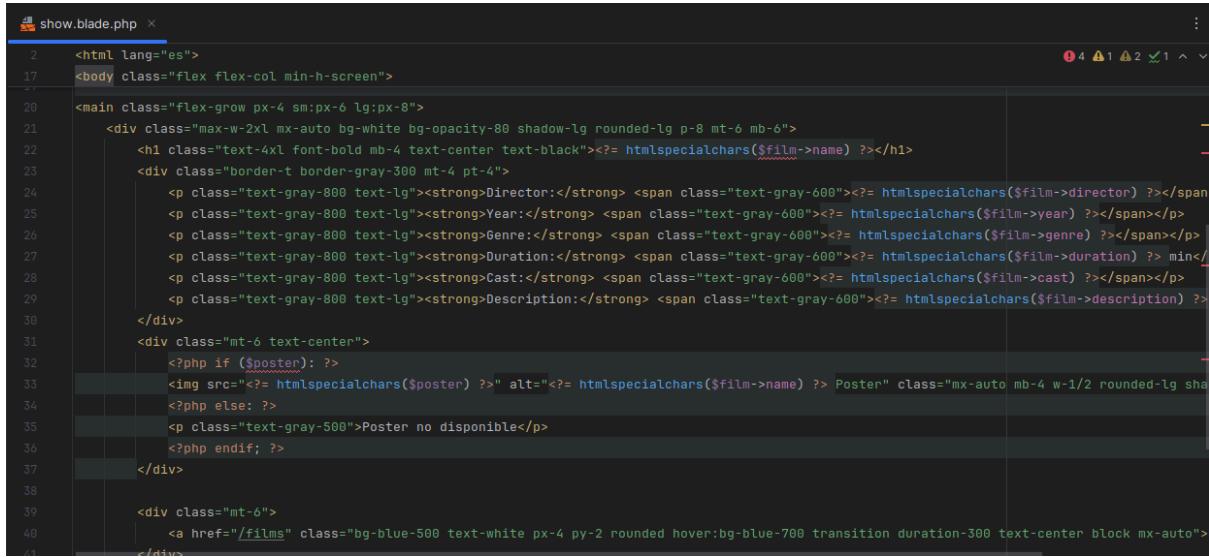
En el delete només he actualitzat els estils.



```
delete.blade.php x
1 <html lang="es">
2   </head>
3   <body class="flex flex-col min-h-screen">
4     <?php require "../resources/views/layout/header.blade.php"; ?>
5
6     <main class="flex-grow px-4 sm:px-6 lg:px-8" > <!-- Afegit padding lateral --&gt;
7       &lt;div class="max-w-md mx-auto bg-white bg-opacity-80 shadow-lg rounded-lg p-8 mt-6 mb-6"&gt;
8         &lt;h1 class="text-3xl font-bold mb-4 text-center text-black"&gt;Delete Film&lt;/h1&gt;
9         &lt;p class="text-center text-gray-700"&gt;Vols eliminar la peli "&lt;strong&gt;&lt;?= htmlspecialchars($film-&gt;name) ?&gt;&lt;/strong&gt;"?&lt;/p&gt;
10        &lt;form action="/films/destroy" method="POST" class="mt-4 text-center"&gt;
11          &lt;input type="hidden" name="id" value="&lt;?= $film-&gt;id ?&gt;"&gt;
12          &lt;button type="submit" class="bg-red-500 text-white px-4 py-2 rounded hover:bg-red-700 transition duration-300"&gt;Delete&lt;/button&gt;
13        &lt;/form&gt;
14        &lt;a href="/films" class="text-gray-500 hover:underline mt-4 block text-center"&gt;Cancelar&lt;/a&gt;
15      &lt;/div&gt;
16    &lt;/main&gt;
17
18    &lt;?php require "../resources/views/layout/footer.blade.php"; ?&gt;
19
20  &lt;/html&gt;</pre>
```

Show

He creat la pàgina show que ens mostrarà la informació completa i detallada de la pel·ícula.



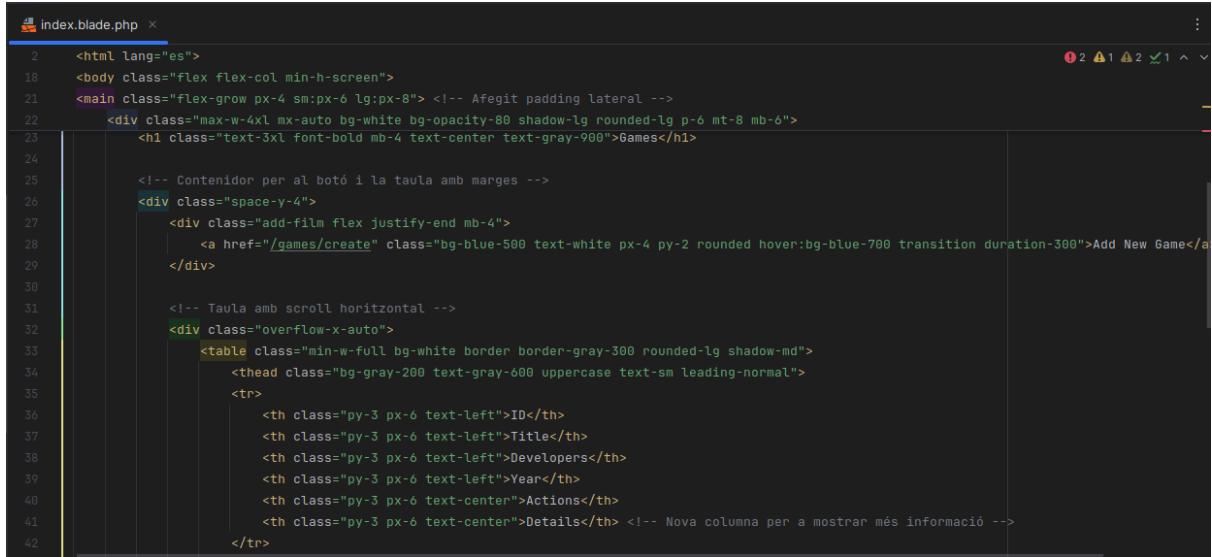
```
show.blade.php x
1 <html lang="es">
2   <body class="flex flex-col min-h-screen">
3
4     <main class="flex-grow px-4 sm:px-6 lg:px-8">
5       <div class="max-w-2xl mx-auto bg-white bg-opacity-80 shadow-lg rounded-lg p-8 mt-6 mb-6">
6         <h1 class="text-4xl font-bold mb-4 text-center text-black"><?= htmlspecialchars($film->name) ?></h1>
7         <div class="border-t border-gray-300 mt-4 pt-4">
8           <p class="text-gray-800 text-lg"><strong>Director:</strong> <span class="text-gray-600"><?= htmlspecialchars($film->director) ?></span></p>
9           <p class="text-gray-800 text-lg"><strong>Year:</strong> <span class="text-gray-600"><?= htmlspecialchars($film->year) ?></span></p>
10          <p class="text-gray-800 text-lg"><strong>Genre:</strong> <span class="text-gray-600"><?= htmlspecialchars($film->genre) ?></span></p>
11          <p class="text-gray-800 text-lg"><strong>Duration:</strong> <span class="text-gray-600"><?= htmlspecialchars($film->duration) ?> min</span></p>
12          <p class="text-gray-800 text-lg"><strong>Cast:</strong> <span class="text-gray-600"><?= htmlspecialchars($film->cast) ?></span></p>
13        </div>
14        <div class="mt-6 text-center">
15          <?php if ($poster): ?>
16            <img src=<?= htmlspecialchars($poster) ?>" alt="<?= htmlspecialchars($film->name) ?> Poster" class="mx-auto mb-4 w-1/2 rounded-lg shadow-lg">
17          <?php else: ?>
18            <p class="text-gray-500">Poster no disponible</p>
19          <?php endif; ?>
20        </div>
21
22        <div class="mt-6">
23          <a href="/films" class="bg-blue-500 text-white px-4 py-2 rounded hover:bg-blue-700 transition duration-300 text-center block mx-auto">Cancellar</a>
24        </div>
25      </div>
26    </main>
27
28    <?php require "../resources/views/layout/footer.blade.php"; ?>
29
30  </html>
```

En el fitxer **FilmController.php** he tingut que afegir la funció de show, que ens dirigirà a la pàgina en la informació detallada de la pel·lícula, i que ademés he afegit un apartat que agafi la imatge de la portada de la pel·lícula a partir del titol. (La imatge l'agafara de l'api **omdbapi.com**)

```
© FilmController.php ×
7 class FilmController
93
94     usage ▲ Steven
95     public function show($id)
96         // Cerquem la pel·lícula pel seu ID
97         $film = Film::find($id);
98
99         // Si la pel·lícula no existeix, redirigim a una pàgina d'error o una vista 404
100        if (!$film) {
101            return require '../resources/views/errors/404.blade.php';
102        }
103
104        // Obtenim el títol de la pel·lícula (per exemple, "The Dark Knight")
105        $title = htmlspecialchars($film->name); // Assegura't que el nom estigui escapant
106
107        // Obtenim el pòster de la pel·lícula a través de l'API de OMDB
108        $apiKey = 'b3324b4f'; // Substitueix amb el teu API key
109        $apiUrl = 'http://www.omdbapi.com/?t=' . urlencode($title) . '&apikey=' . $apiKey;
110
111        // Realitza la petició a l'API
112        $response = file_get_contents($apiUrl);
113        $data = json_decode($response);
114
115        // Verifica si la resposta és correcta
116        if ($data->Response == 'True') {
117            $poster = $data->Poster; // Pòster de la pel·lícula
118        } else {
119            $poster = ''; // Si no es troba, no mostrar res
120        }
121
122        // Passem la pel·lícula i el pòster a la vista
123        return view('films/show', ['film' => $film, 'poster' => $poster]);
124    }
```

Games

He agafat com a model el index.blade.php de films i l'he utilitzat com a base de la pagina de games.

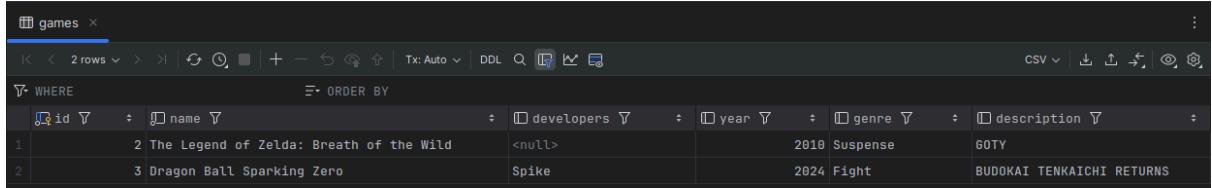


```
<html lang="es">
    <body class="flex flex-col min-h-screen">
        <main class="flex-grow px-4 sm:px-6 lg:px-8"> <!-- Afegit padding lateral -->
            <div class="max-w-4xl mx-auto bg-white bg-opacity-80 shadow-lg rounded-lg p-6 mt-8 mb-6">
                <h1 class="text-3xl font-bold mb-4 text-center text-gray-900">Games</h1>

                <!-- Contenidor per al botó i la taula amb marges -->
                <div class="space-y-4">
                    <div class="add-film flex justify-end mb-4">
                        <a href="/games/create" class="bg-blue-500 text-white px-4 py-2 rounded hover:bg-blue-700 transition duration-300">Add New Game</a>
                    </div>

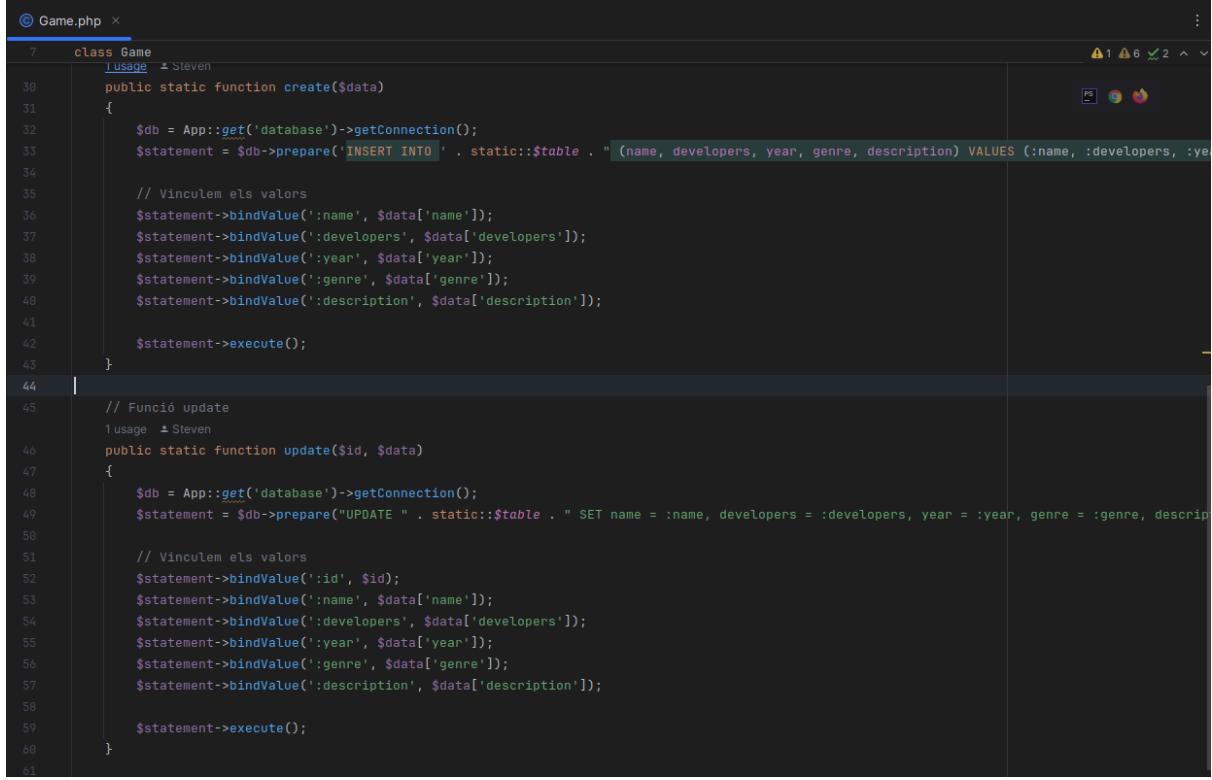
                    <!-- Taula amb scroll horitzontal -->
                    <div class="overflow-x-auto">
                        <table class="min-w-full bg-white border border-gray-300 rounded-lg shadow-md">
                            <thead class="bg-gray-200 text-gray-600 uppercase text-sm leading-normal">
                                <tr>
                                    <th class="py-3 px-6 text-left">ID</th>
                                    <th class="py-3 px-6 text-left">Title</th>
                                    <th class="py-3 px-6 text-left">Developers</th>
                                    <th class="py-3 px-6 text-left">Year</th>
                                    <th class="py-3 px-6 text-center">Actions</th>
                                    <th class="py-3 px-6 text-center">Details</th> <!-- Nova columna per a mostrar més informació -->
                                </tr>
                            </thead>
                            <tbody>
                                <tr>
                                    <td>2</td>
                                    <td>The Legend of Zelda: Breath of the Wild</td>
                                    <td><null></td>
                                    <td>2010</td>
                                    <td>Suspense</td>
                                    <td>GOTY</td>
                                </tr>
                                <tr>
                                    <td>3</td>
                                    <td>Dragon Ball Sparking Zero</td>
                                    <td>Spike</td>
                                    <td>2024</td>
                                    <td>Fight</td>
                                    <td>BUDOKAI TENKAICHI RETURNS</td>
                                </tr>
                            </tbody>
                        </table>
                    </div>
                </div>
            </div>
        </main>
    </body>
</html>
```

He creat la taula de games en la mateixa base de dades, i li he donat uns camps nous.



	id	name	developers	year	genre	description
1	2	The Legend of Zelda: Breath of the Wild	<null>	2010	Suspense	GOTY
2	3	Dragon Ball Sparking Zero	Spike	2024	Fight	BUDOKAI TENKAICHI RETURNS

Creo el fitxer **Games.php** en la base de Film.php pero canviant els diferents valors a les de la nova taula.

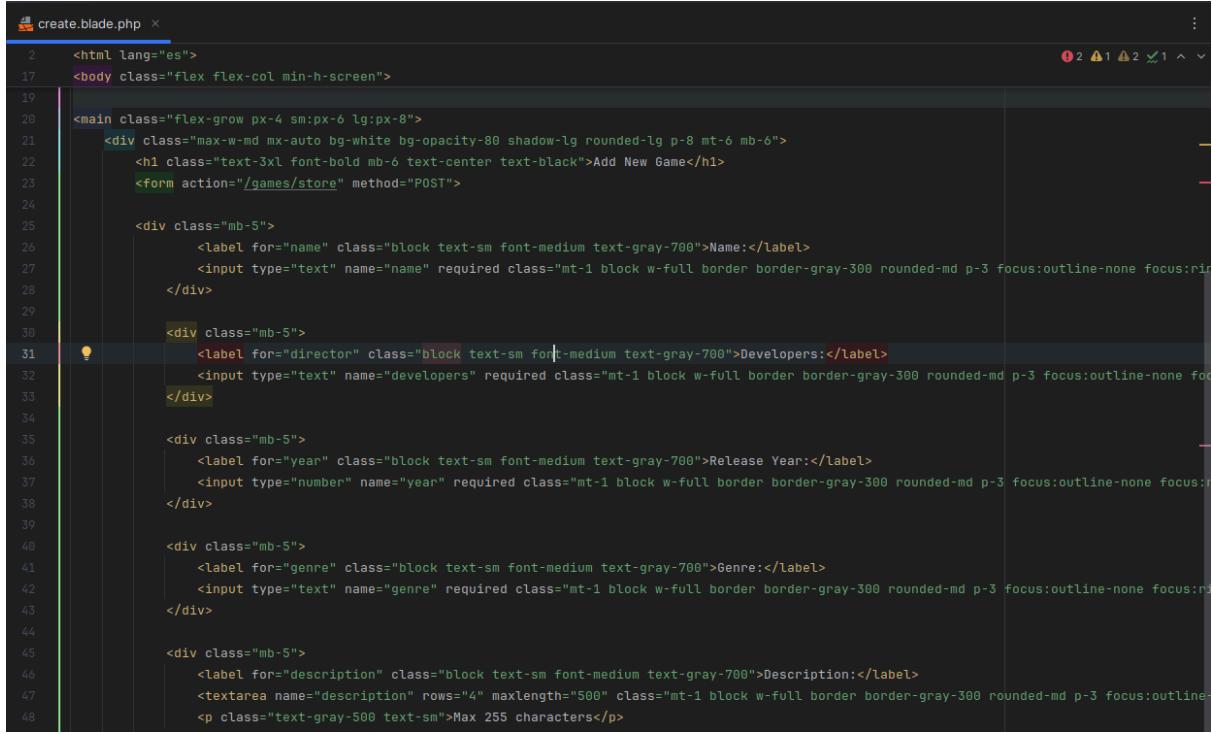


The screenshot shows a code editor window with the file "Game.php" open. The code is written in PHP and defines a class named "Game". The class has two static methods: "create" and "update". Both methods use a database connection to insert or update data in a table. The code uses prepared statements and binds values to the database query. The code editor interface includes a toolbar with icons for file operations, a status bar at the bottom, and a vertical scroll bar on the right side of the code area.

```
© Game.php ×
7   class Game
8     Usage ▲ Steven
9
10    public static function create($data)
11    {
12      $db = App::get('database')->getConnection();
13      $statement = $db->prepare("INSERT INTO " . static::$table . " (name, developers, year, genre, description) VALUES (:name, :developers, :year, :genre, :description)");
14
15      // Vinculem els valors
16      $statement->bindValue(':name', $data['name']);
17      $statement->bindValue(':developers', $data['developers']);
18      $statement->bindValue(':year', $data['year']);
19      $statement->bindValue(':genre', $data['genre']);
20      $statement->bindValue(':description', $data['description']);
21
22      $statement->execute();
23    }
24
25    // Funció update
26    Usage ▲ Steven
27    public static function update($id, $data)
28    {
29      $db = App::get('database')->getConnection();
30      $statement = $db->prepare("UPDATE " . static::$table . " SET name = :name, developers = :developers, year = :year, genre = :genre, description = :description WHERE id = :id");
31
32      // Vinculem els valors
33      $statement->bindValue(':id', $id);
34      $statement->bindValue(':name', $data['name']);
35      $statement->bindValue(':developers', $data['developers']);
36      $statement->bindValue(':year', $data['year']);
37      $statement->bindValue(':genre', $data['genre']);
38      $statement->bindValue(':description', $data['description']);
39
40      $statement->execute();
41    }
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
```

Create

El mateix que tenim en el create de films pero canviant la ruta de store a **/games/store**.



```
<html lang="es">
<body class="flex flex-col min-h-screen">

<main class="flex-grow px-4 sm:px-6 lg:px-8">
    <div class="max-w-md mx-auto bg-white bg-opacity-80 shadow-lg rounded-lg p-8 mt-6 mb-6">
        <h1 class="text-3xl font-bold mb-4 text-center text-black">Add New Game</h1>
        <form action="/games/store" method="POST">

            <div class="mb-5">
                <label for="name" class="block text-sm font-medium text-gray-700">Name:</label>
                <input type="text" name="name" required class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="New Game">
            </div>

            <div class="mb-5">
                <label for="director" class="block text-sm font-medium text-gray-700">Developers:</label>
                <input type="text" name="developers" required class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="Satoru Iwata">
            </div>

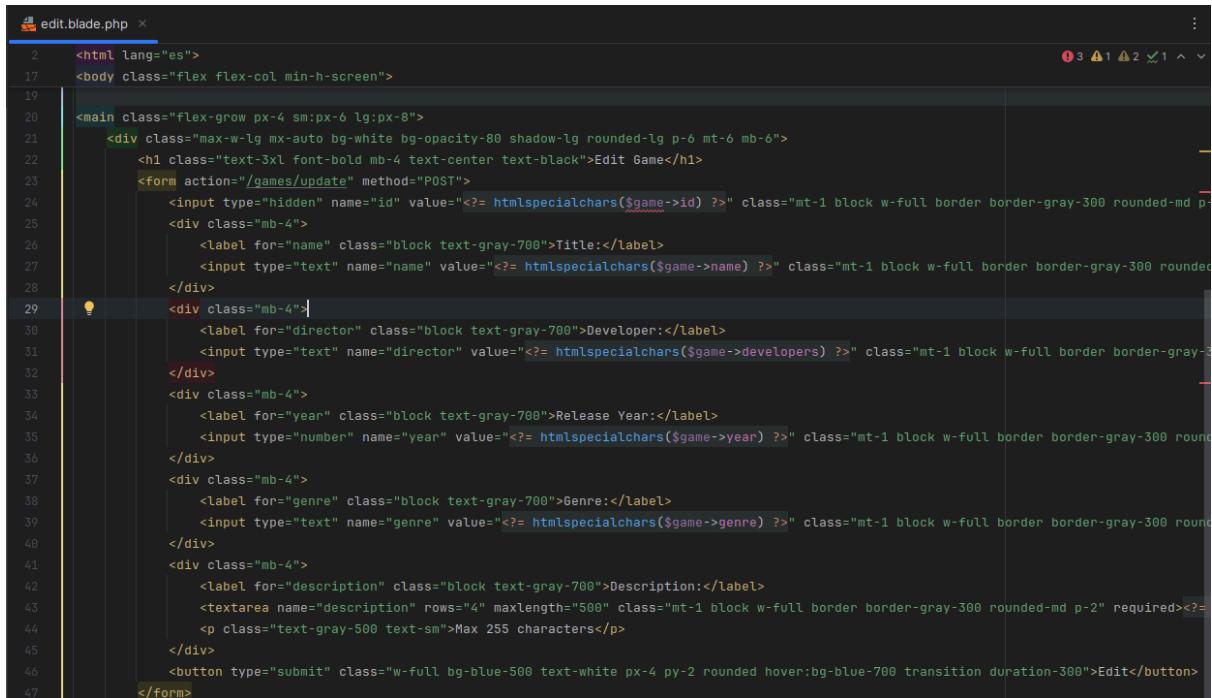
            <div class="mb-5">
                <label for="year" class="block text-sm font-medium text-gray-700">Release Year:</label>
                <input type="number" name="year" required class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="2014">
            </div>

            <div class="mb-5">
                <label for="genre" class="block text-sm font-medium text-gray-700">Genre:</label>
                <input type="text" name="genre" required class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="Gaming">
            </div>

            <div class="mb-5">
                <label for="description" class="block text-sm font-medium text-gray-700">Description:</label>
                <textarea name="description" rows="4" maxlength="500" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="A highly anticipated game developed by Satoru Iwata, released in 2014, belonging to the Gaming genre."></textarea>
                <p class="text-gray-500 text-sm">Max 255 characters</p>
            </div>
        </form>
    </div>
</main>
</body>
```

Edit

El mateix edit de films pero canviant les rutes.



```
<html lang="es">
<body class="flex flex-col min-h-screen">

<main class="flex-grow px-4 sm:px-6 lg:px-8">
    <div class="max-w-lg mx-auto bg-white bg-opacity-80 shadow-lg rounded-lg p-6 mt-6 mb-6">
        <h1 class="text-3xl font-bold mb-4 text-center text-black">Edit Game</h1>
        <form action="/games/update" method="POST">
            <input type="hidden" name="id" value="php echo htmlspecialchars($game-&gt;id) ?" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="1">
            <div class="mb-4">
                <label for="name" class="block text-gray-700">Title:</label>
                <input type="text" name="name" value="php echo htmlspecialchars($game-&gt;name) ?" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="New Game">
            </div>

            <div class="mb-4">
                <label for="director" class="block text-gray-700">Developer:</label>
                <input type="text" name="director" value="php echo htmlspecialchars($game-&gt;developers) ?" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="Satoru Iwata">
            </div>

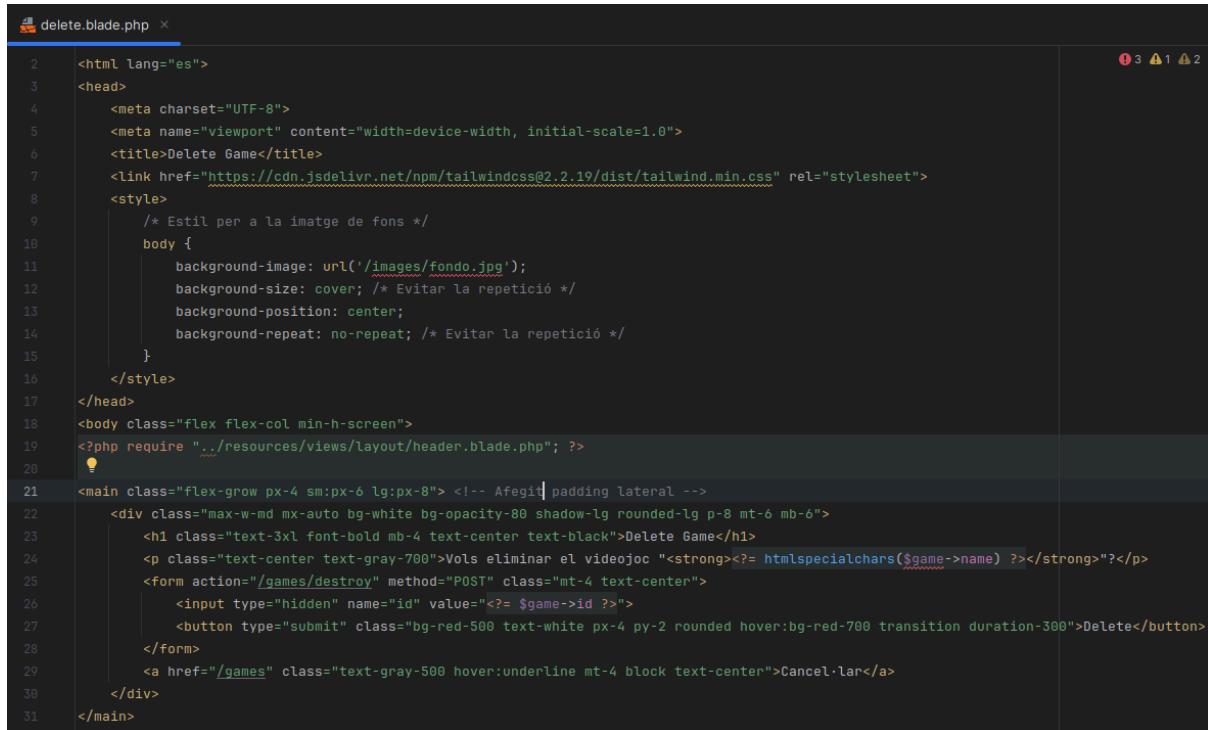
            <div class="mb-4">
                <label for="year" class="block text-gray-700">Release Year:</label>
                <input type="number" name="year" value="php echo htmlspecialchars($game-&gt;year) ?" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="2014">
            </div>

            <div class="mb-4">
                <label for="genre" class="block text-gray-700">Genre:</label>
                <input type="text" name="genre" value="php echo htmlspecialchars($game-&gt;genre) ?" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="Gaming">
            </div>

            <div class="mb-4">
                <label for="description" class="block text-gray-700">Description:</label>
                <textarea name="description" rows="4" maxlength="500" class="mt-1 block w-full border border-gray-300 rounded-md p-3 focus:outline-none focus:ring-indigo-300" value="A highly anticipated game developed by Satoru Iwata, released in 2014, belonging to the Gaming genre."></textarea>
                <p class="text-gray-500 text-sm">Max 255 characters</p>
            </div>
        </form>
    </div>
</main>
</body>
```

Delete

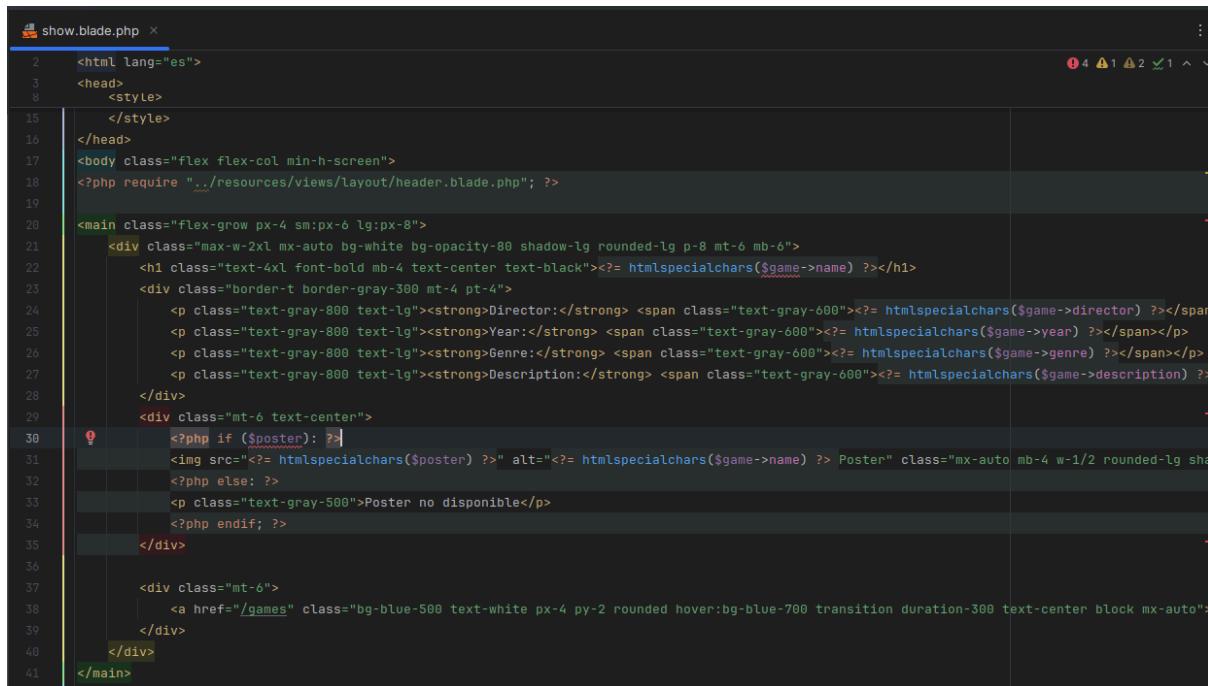
Mateix contingut que delete de films pero actualitzant les rutes a **/games**



```
delete.blade.php
1 <html lang="es">
2   <head>
3     <meta charset="UTF-8">
4     <meta name="viewport" content="width=device-width, initial-scale=1.0">
5     <title>Delete Game</title>
6     <link href="https://cdn.jsdelivr.net/npm/tailwindcss@2.2.19/dist/tailwind.min.css" rel="stylesheet">
7   <style>
8     /* Estil per a la imatge de fons */
9     body {
10       background-image: url('/images/fondo.jpg');
11       background-size: cover; /* Evitar la repetició */
12       background-position: center;
13       background-repeat: no-repeat; /* Evitar la repetició */
14     }
15   </style>
16 </head>
17 <body class="flex flex-col min-h-screen">
18 <?php require '../resources/views/layout/header.blade.php'; ?>
19
20 <main class="flex-grow px-4 sm:px-6 lg:px-8" <!-- Afegit padding lateral -->
21   <div class="max-w-md mx-auto bg-white bg-opacity-80 shadow-lg rounded-lg p-8 mt-6 mb-6">
22     <h1 class="text-3xl font-bold mb-4 text-center text-black">Delete Game</h1>
23     <p class="text-center text-gray-700">Vols eliminar el videojoc <strong><?= htmlspecialchars($game->name) ?></strong>?</p>
24     <form action="/games/destroy" method="POST" class="mt-4 text-center">
25       <input type="hidden" name="id" value="<?= $game->id ?>">
26       <button type="submit" class="bg-red-500 text-white px-4 py-2 rounded hover:bg-red-700 transition duration-300">Delete</button>
27     </form>
28     <a href="/games" class="text-gray-500 hover:underline mt-4 block text-center">Cancelar</a>
29   </div>
30 </main>
```

Show

Mateix contingut que show de films pero actualitzant les rutes a **/games**, l'api l'agafara de a api RAWG Video Games.



```
show.blade.php
1 <html lang="es">
2   <head>
3     <style>
4     </style>
5   </head>
6   <body class="flex flex-col min-h-screen">
7     <?php require '../resources/views/layout/header.blade.php'; ?>
8
9   <main class="flex-grow px-4 sm:px-6 lg:px-8">
10    <div class="max-w-2xl mx-auto bg-white bg-opacity-80 shadow-lg rounded-lg p-8 mt-6 mb-6">
11      <h1 class="text-4xl font-bold mb-4 text-center text-black"><?= htmlspecialchars($game->name) ?></h1>
12      <div class="border-t border-gray-300 mt-4 pt-4">
13        <p class="text-gray-800 text-lg"><strong>Director:</strong> <span class="text-gray-600"><?= htmlspecialchars($game->director) ?></span></p>
14        <p class="text-gray-800 text-lg"><strong>Year:</strong> <span class="text-gray-600"><?= htmlspecialchars($game->year) ?></span></p>
15        <p class="text-gray-800 text-lg"><strong>Genre:</strong> <span class="text-gray-600"><?= htmlspecialchars($game->genre) ?></span></p>
16        <p class="text-gray-800 text-lg"><strong>Description:</strong> <span class="text-gray-600"><?= htmlspecialchars($game->description) ?></span></p>
17      </div>
18      <div class="mt-6 text-center">
19        <?php if ($poster): ?>
20        <img src=<?= htmlspecialchars($poster) ?> alt=<?= htmlspecialchars($game->name) ?> Poster" class="mx-auto mb-4 w-1/2 rounded-lg shadow-lg" />
21        <?php else: ?>
22        <p class="text-gray-500">Poster no disponible</p>
23        <?php endif; ?>
24      </div>
25
26      <div class="mt-6">
27        <a href="/games" class="bg-blue-500 text-white px-4 py-2 rounded hover:bg-blue-700 transition duration-300 text-center block mx-auto">Cancellar</a>
28      </div>
29    </main>
```

General

En el fitxer router.php he afegit les noves rutes dels arxius de games i actualitzat les rutes del crud de films per a que no se solapen.

```
routes.php ×

2 //definim les rutes
3 return [
4     '/' => 'app/Controllers/HomeController@index',
5     '/index.php' => 'app/Controllers/HomeController@index',
6     '/index' => 'app/Controllers/HomeController@index',
7     '/films' => 'app/Controllers/FilmController@index',
8     '/games' => 'app/Controllers/GameController@index',
9     '/films/create' => 'app/Controllers/FilmController@create',
10    '/films/store' => 'app/Controllers/FilmController@store',
11    '/films/edit' => 'app/Controllers/FilmController@edit',
12    '/films/update' => 'app/Controllers/FilmController@update',
13    '/films/delete' => 'app/Controllers/FilmController@delete',
14    '/films/destroy' => 'app/Controllers/FilmController@destroy',
15    '/films/show' => 'app/Controllers/GameController@show',
16    '/games/create' => 'app/Controllers/GameController@create',
17    '/games/store' => 'app/Controllers/GameController@store',
18    '/games/edit' => 'app/Controllers/GameController@edit',
19    '/games/update' => 'app/Controllers/GameController@update',
20    '/games/delete' => 'app/Controllers/GameController@delete',
21    '/games/destroy' => 'app/Controllers/GameController@destroy',
22    '/games/show' => 'app/Controllers/GameController@show',
23];
```

En el Route.php ens hem d'assegurar de tindre les rutes a la pàgina d'inici, a la de films i a la de games.

```
// Ruta de la pàgina principal (Inici)
if ($uri === '/') {
    require '../App\Controllers/HomeController.php';
    $controller = 'App\Controllers\HomeController';
    $controllerInstance = new $controller();
    return $controllerInstance->index();
}

if ($uri === '/films') {
    require '../App\Controllers/FilmController.php';
    $controller = 'App\Controllers\FilmController';
    $controllerInstance = new $controller();
    return $controllerInstance->index();
}

if ($uri === '/games') {
    require '../App\Controllers/GameController.php';
    $Gamecontroller = 'App\Controllers\GameController';
    $controllerInstance2 = new $Gamecontroller();
    return $controllerInstance2->index();
}
```

Per a agafar el crud (create, edit, delete, show) hem utilitzat un switch i case per enrutar entre les opcions segons el que es crida, primer ho fem en el crud de films.

```
// Rutes per FilmController (CRUD)
if ($parts[0] === 'films') {
    require '../App\Controllers/FilmController.php';
    $controllerInstance = new $controller();

    switch ($parts[1]) {
        case 'create':
            return $controllerInstance->create();
        case 'store':
            if ($_SERVER['REQUEST_METHOD'] === 'POST') {
                $data = $_POST;
                return $controllerInstance->store($data);
            }
            break;
        case 'delete':
            if (isset($parts[2])) {
                return $controllerInstance->delete($parts[2]);
            }
            break;
        case 'destroy':
            if ($_SERVER['REQUEST_METHOD'] === 'POST') {
```

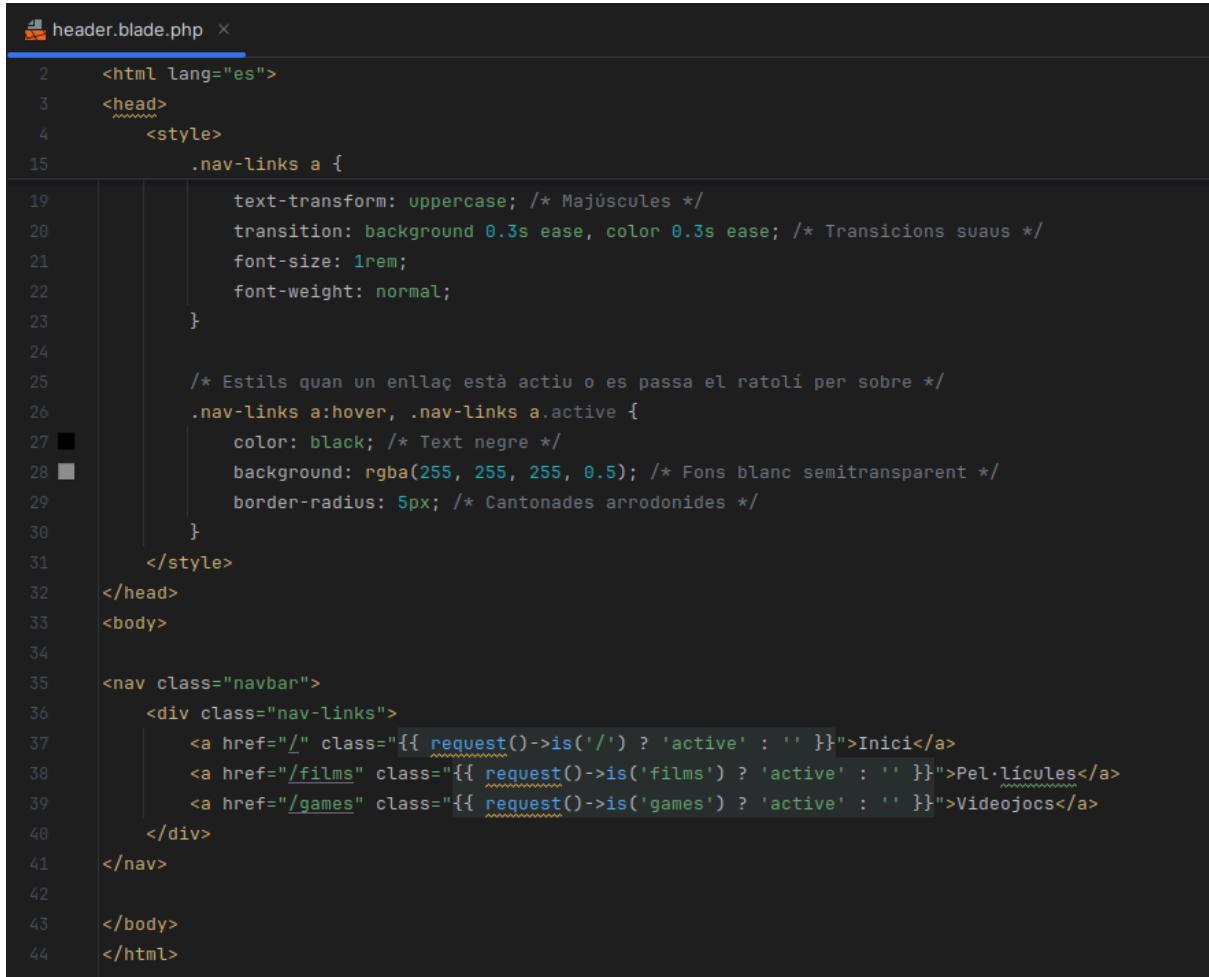
I farem el mateix en el crud de games pero en una nova instància

```
// Rutes per GameController (CRUD)
if ($parts[0] === 'games') {
    require '../App/Controllers/GameController.php';
    $Gamecontroller = 'App\Controllers\GameController';
    $controllerInstance2 = new $Gamecontroller();

    switch ($parts[1]) {
        case 'create':
            return $controllerInstance2->create();
        case 'store':
            if ($_SERVER['REQUEST_METHOD'] === 'POST') {
                $data = $_POST;
                return $controllerInstance2->store($data);
            }
            break;
        case 'delete':
            if (isset($parts[2])) { // Aquí s'ha d'agafar l'ID del videojoc
                return $controllerInstance2->delete($parts[2]);
            }
            break;
        case 'destroy':
```

Header

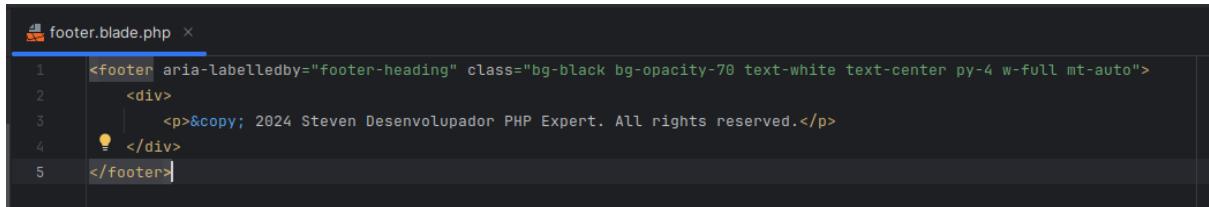
El header només he afegit les opcions del navegador i he modificat una mica els estils en css directe en un style, (tenia una pàgina d'estils però entrava en conflicte en els estils de tailwindcss per tema de prioritat, així que he acabat ficant una etiqueta **style** directament al header)



```
header.blade.php
1 <html lang="es">
2   <head>
3     <style>
4       .nav-links a {
5         text-transform: uppercase; /* Majúscules */
6         transition: background 0.3s ease, color 0.3s ease; /* Transicions suaus */
7         font-size: 1rem;
8         font-weight: normal;
9       }
10
11       /* Estils quan un enllaç està actiu o es passa el ratoli per sobre */
12       .nav-links a:hover, .nav-links a.active {
13         color: black; /* Text negre */
14         background: rgba(255, 255, 255, 0.5); /* Fons blanc semitransparent */
15         border-radius: 5px; /* Cantonades arrodonides */
16       }
17     </style>
18   </head>
19   <body>
20
21   <nav class="navbar">
22     <div class="nav-links">
23       <a href="/" class="{{ request()->is('/') ? 'active' : '' }}>Inici</a>
24       <a href="/films" class="{{ request()->is('films') ? 'active' : '' }}>Pel·lícules</a>
25       <a href="/games" class="{{ request()->is('games') ? 'active' : '' }}>Videojocs</a>
26     </div>
27   </nav>
28
29 </body>
30 </html>
```

Footer

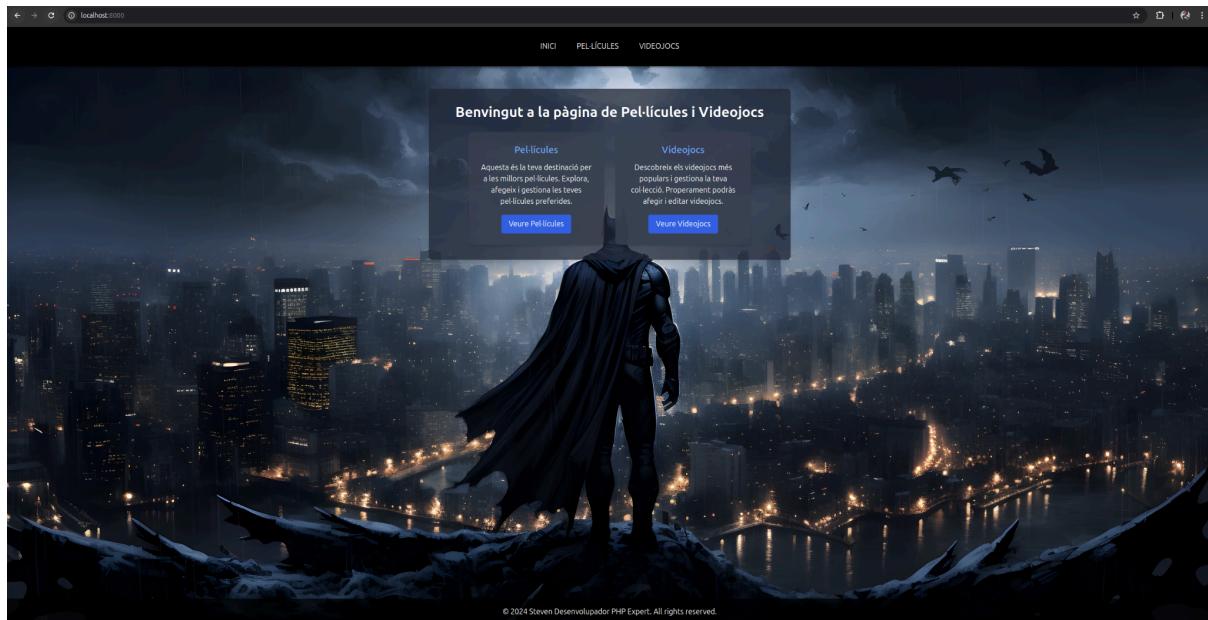
En el footer només he aplicat uns estils simples en tailwindcss.



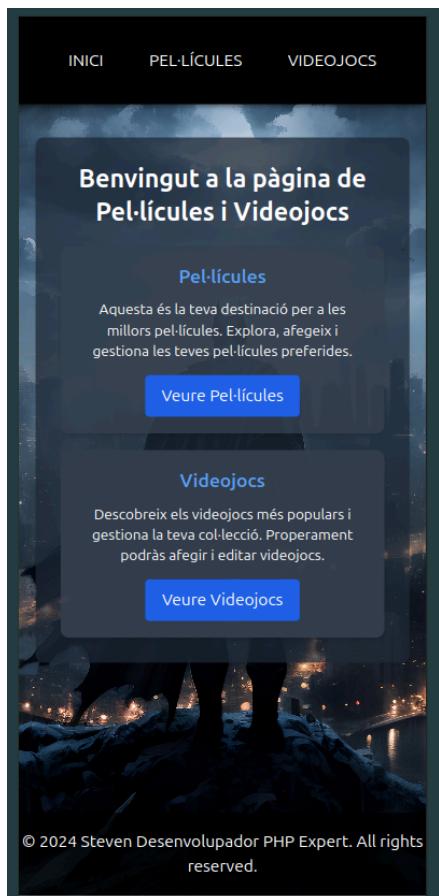
```
footer.blade.php
1 <footer aria-labelledby="footer-heading" class="bg-black bg-opacity-70 text-white text-center py-4 w-full mt-auto">
2   <div>
3     <p>&copy; 2024 Steven Desenvolupador PHP Expert. All rights reserved.</p>
4   </div>
5 </footer>
```

Comprovació del funcionament

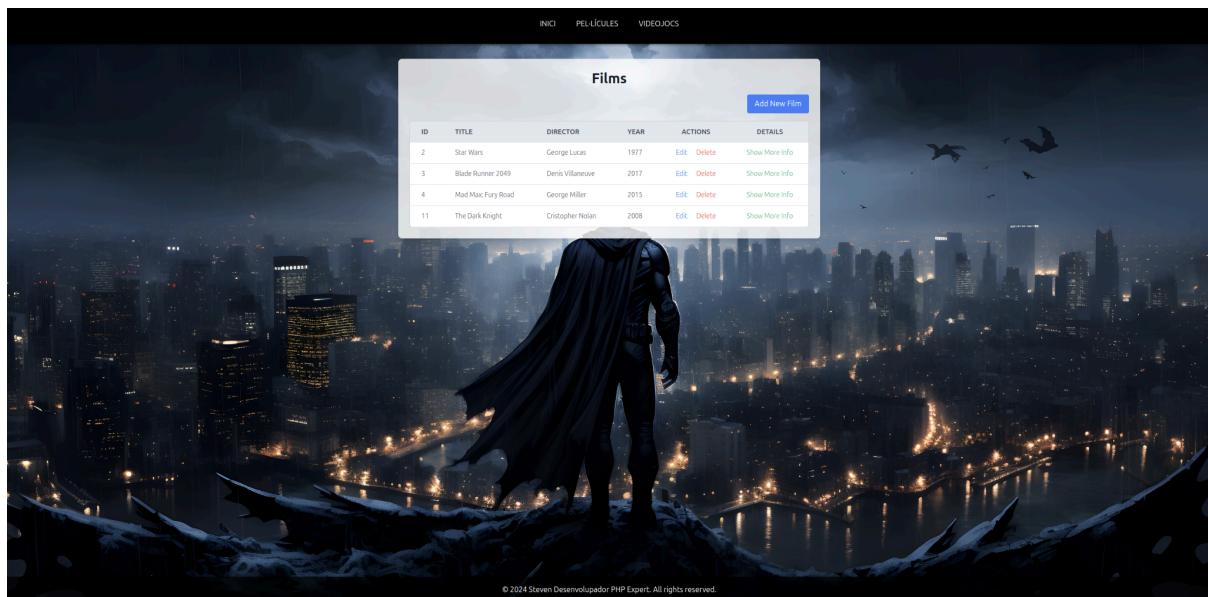
Inici



Responsiu



Films

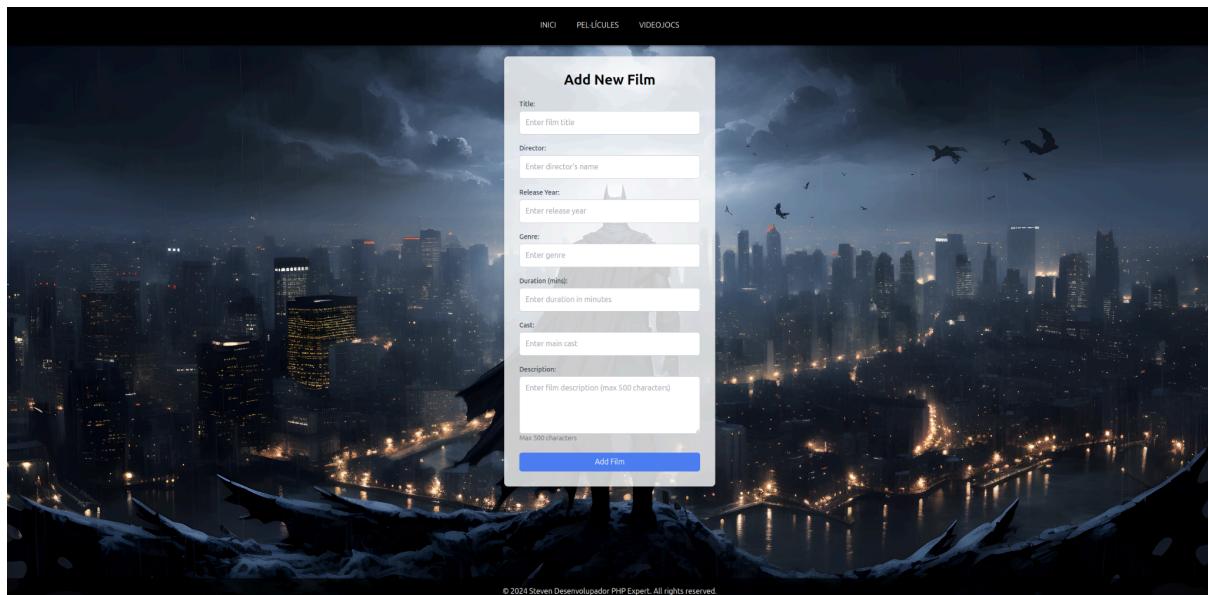


Responsiu

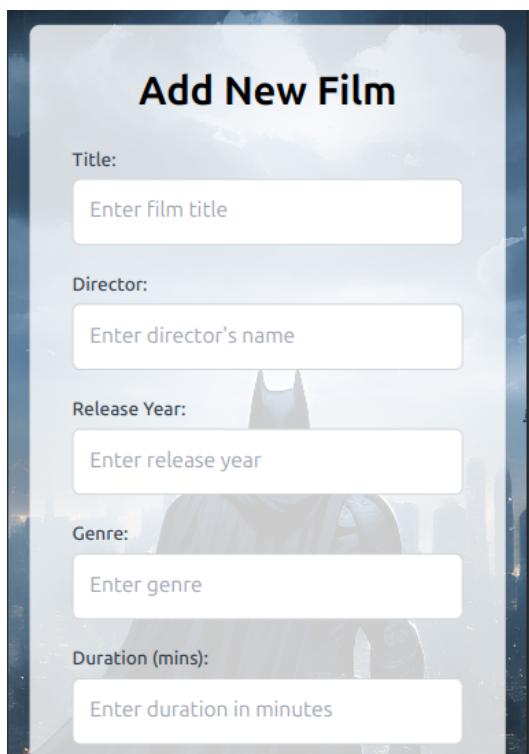
Per a fer responsiva la taula hem afegit un scroll horitzontal dins de la mateixa.

ID	TITLE	DIRECTOR	YEAR	ACTIONS	DETAILS
2	Star Wars	George Lucas	1977	Edit Delete	Show More Info
3	Blade Runner 2049	Denis Villeneuve	2017	Edit Delete	Show More Info
11	The Dark Knight	Christopher Nolan	2008	Edit Delete	Show More Info
12	Avengers	Kevin Feige	2012	Edit Delete	Show More Info

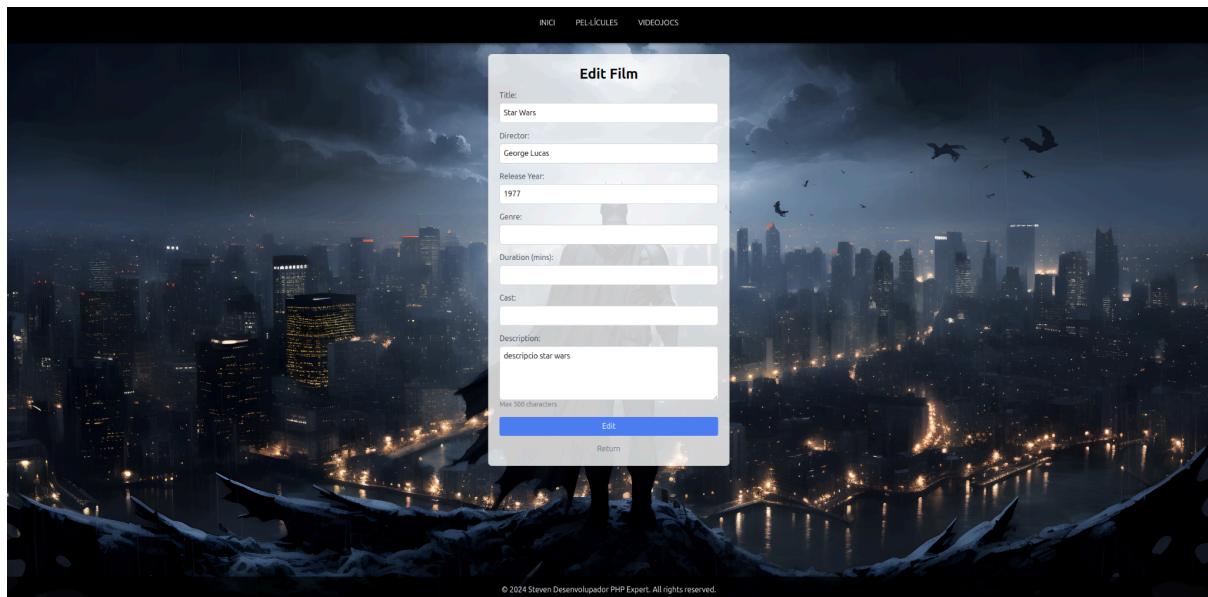
Create



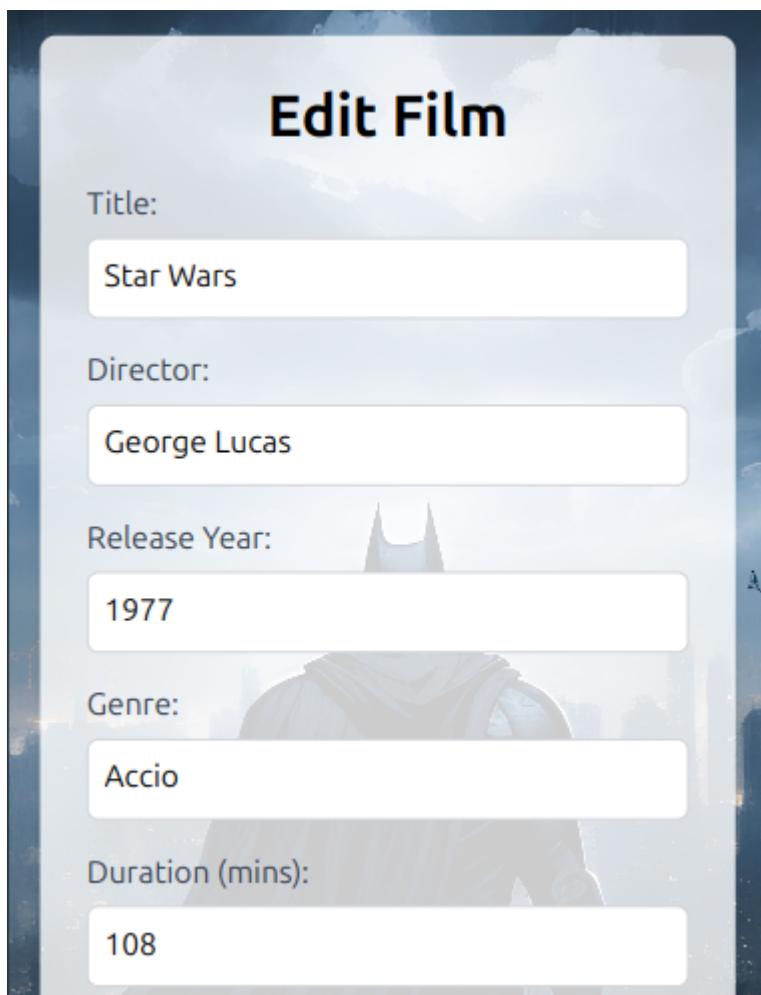
Responsiu



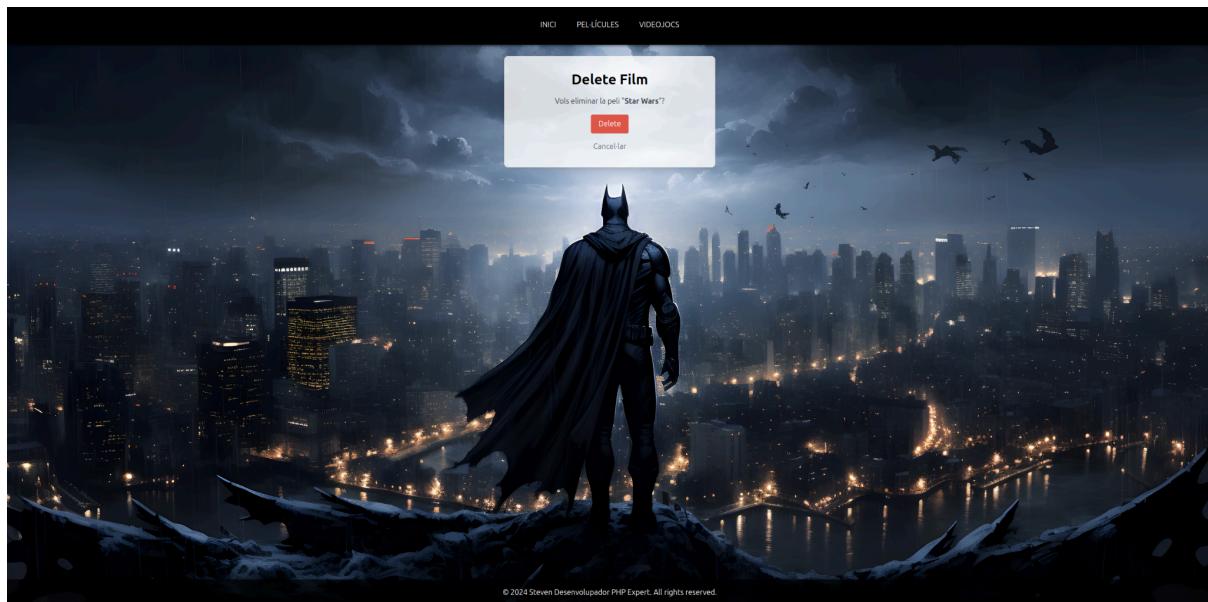
Edit



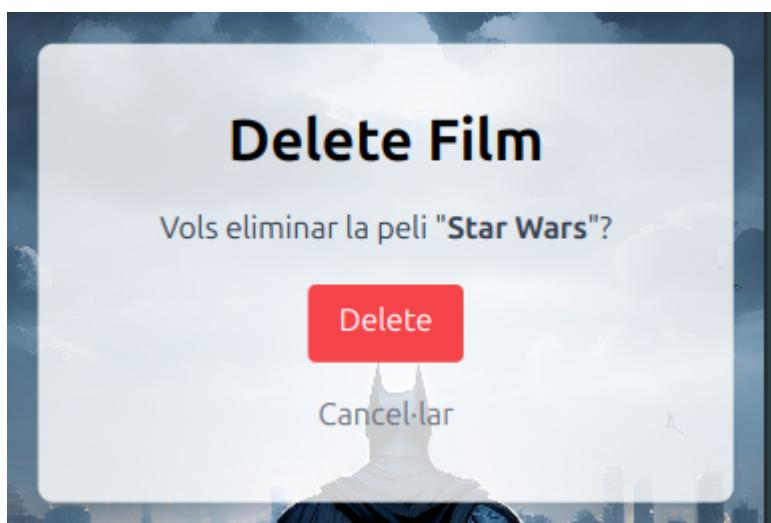
Responsiu



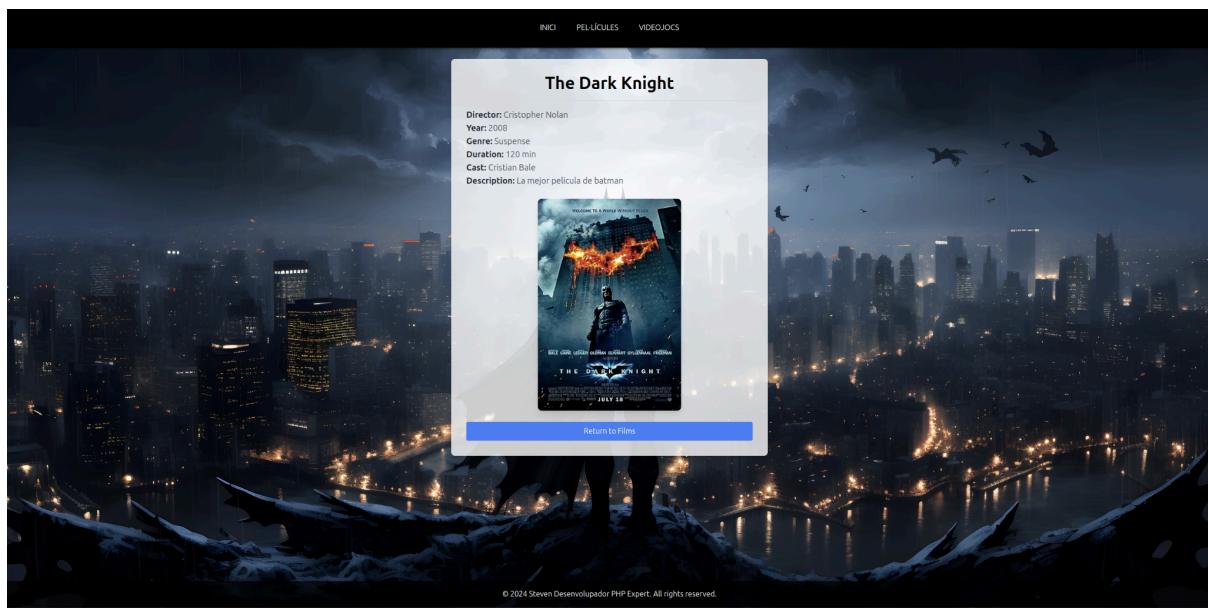
Delete



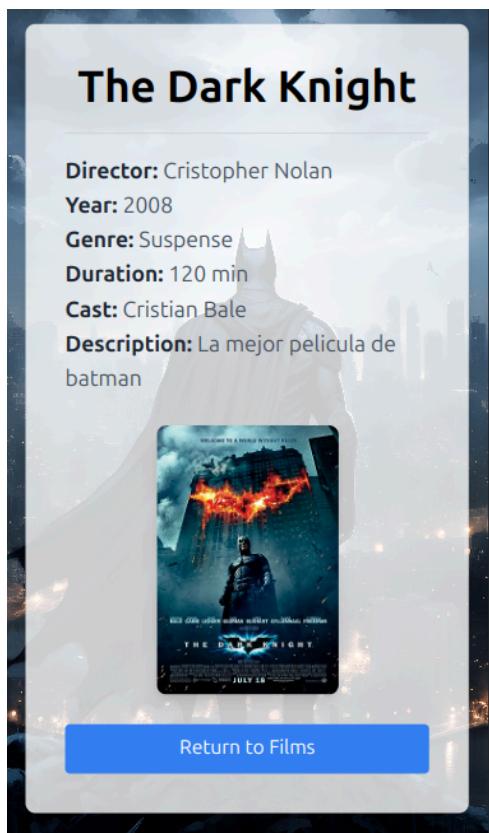
Responsiu



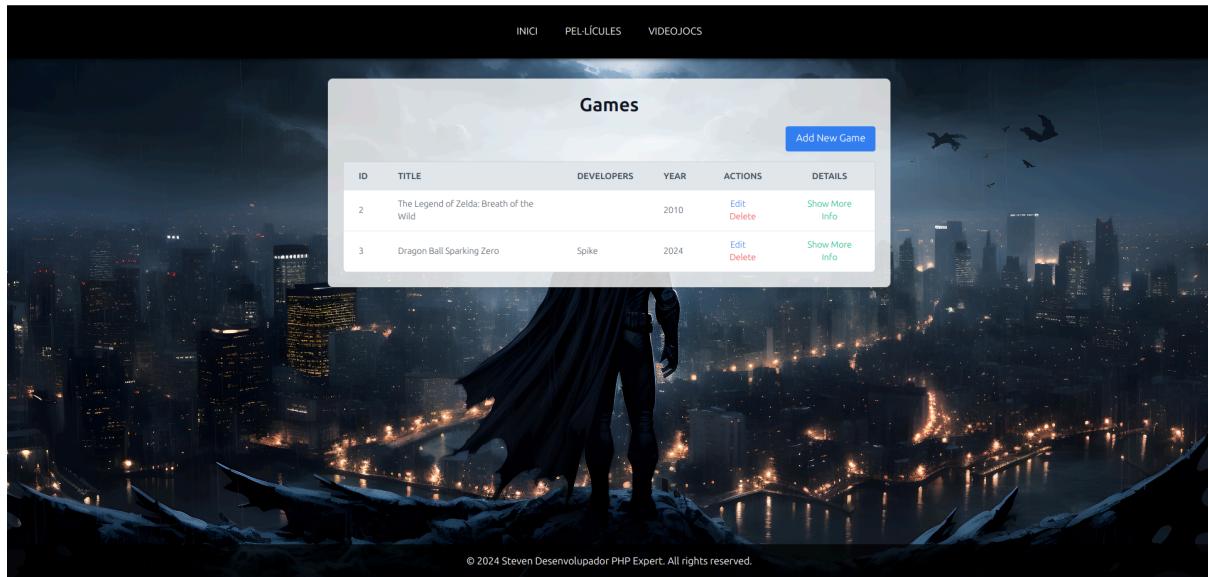
Show



Responsiu



Games



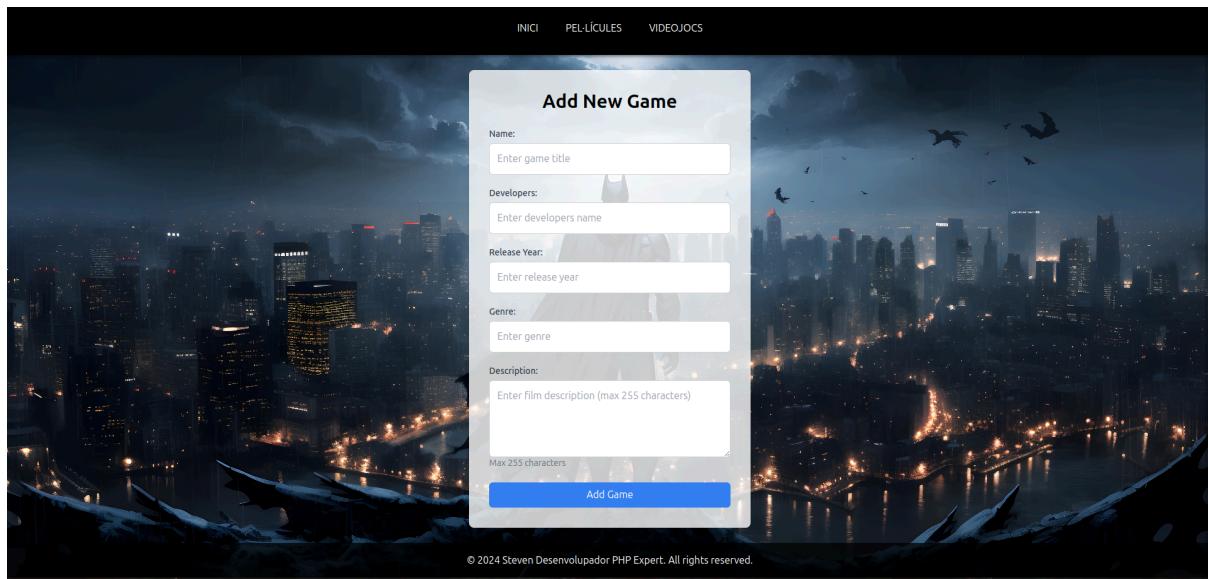
Responsiu

Per fer-ho responsiu he afegit un scroll lateral en la taula

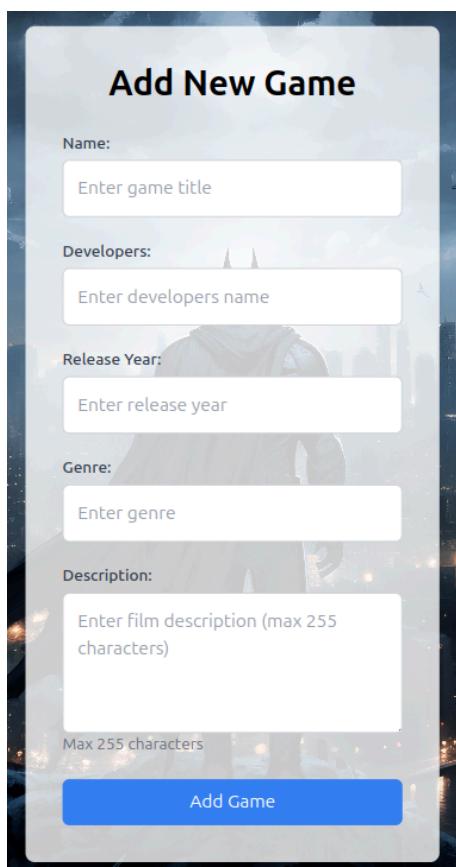
The image displays two side-by-side screenshots of the same application interface on a mobile device, illustrating its responsive design. Both screenshots show the "Games" page with the same data as the desktop version. The left screenshot shows the initial state where the table is fully visible. The right screenshot shows the table after a horizontal scroll has been applied, demonstrating how the table's width is reduced to fit the screen while maintaining its original structure.

ID	TITLE	DEVELOPERS	YEAR	ACTIONS	DETAILS
2	The Legend of Zelda: Breath of the Wild	Spike	2010	Edit Delete	Show More Info
3	Dragon Ball Sparking Zero	Spike	2024	Edit Delete	Show More Info

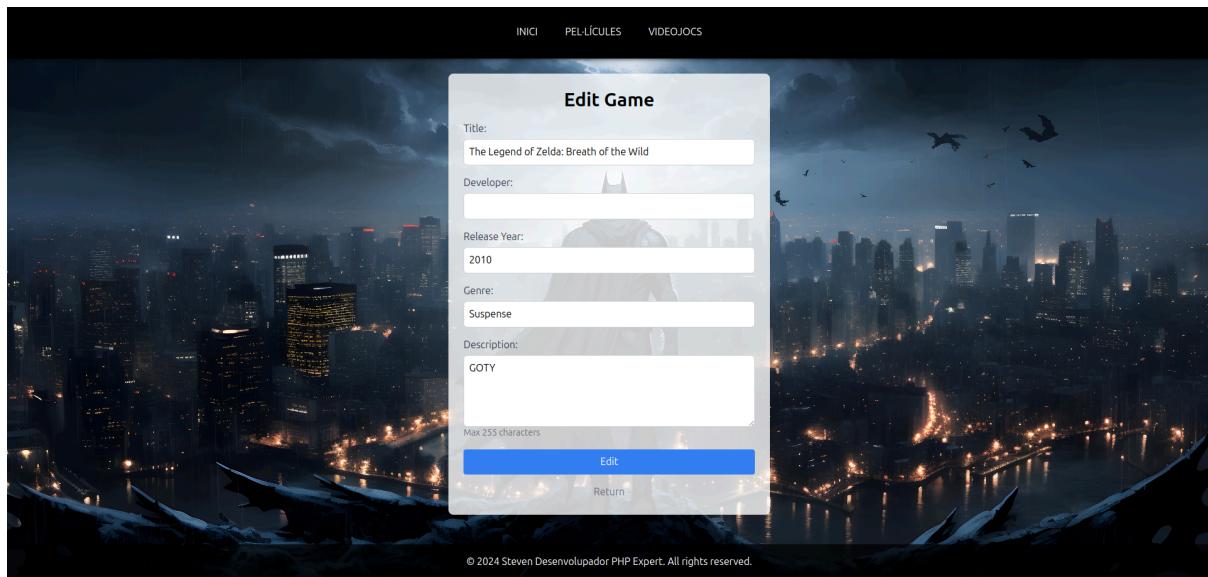
Create



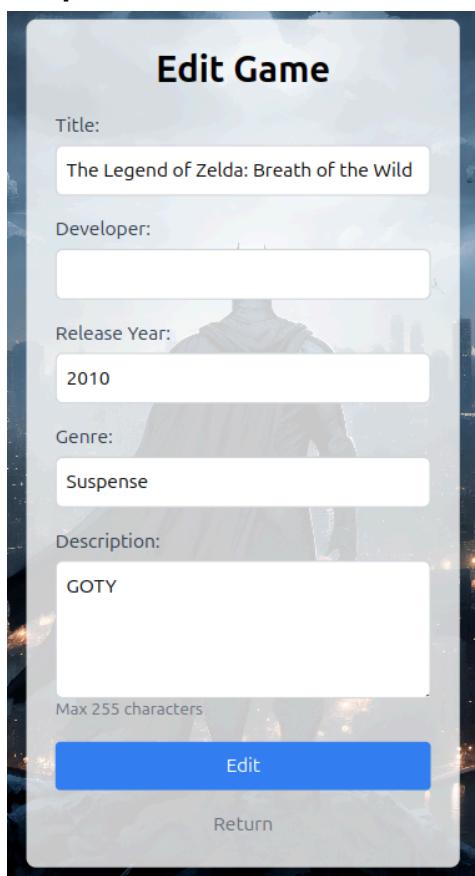
Responsiu



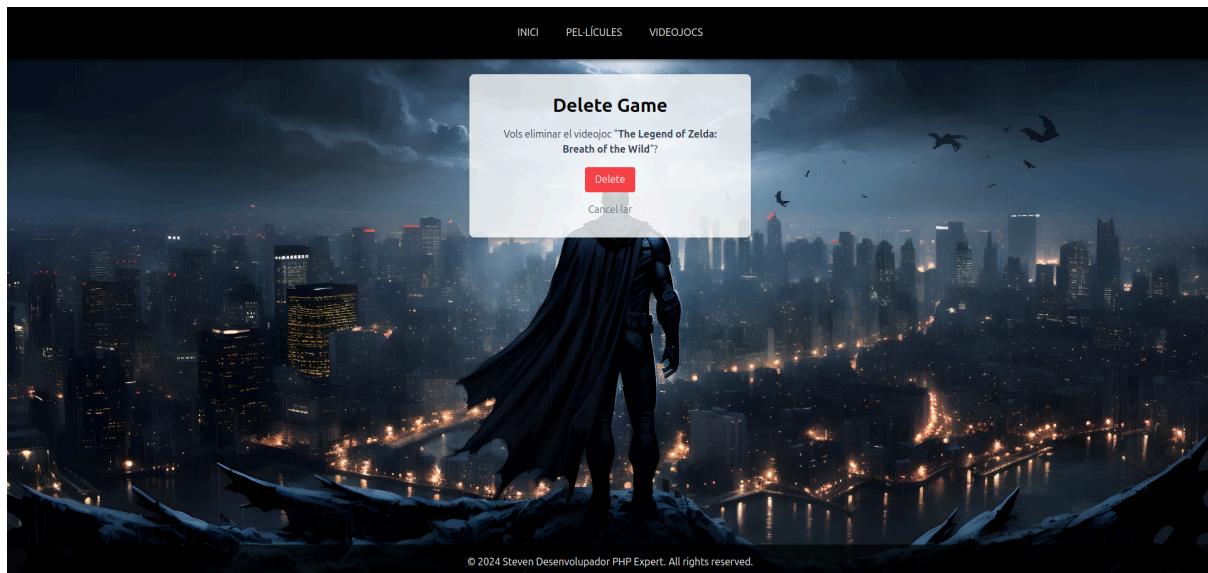
Edit



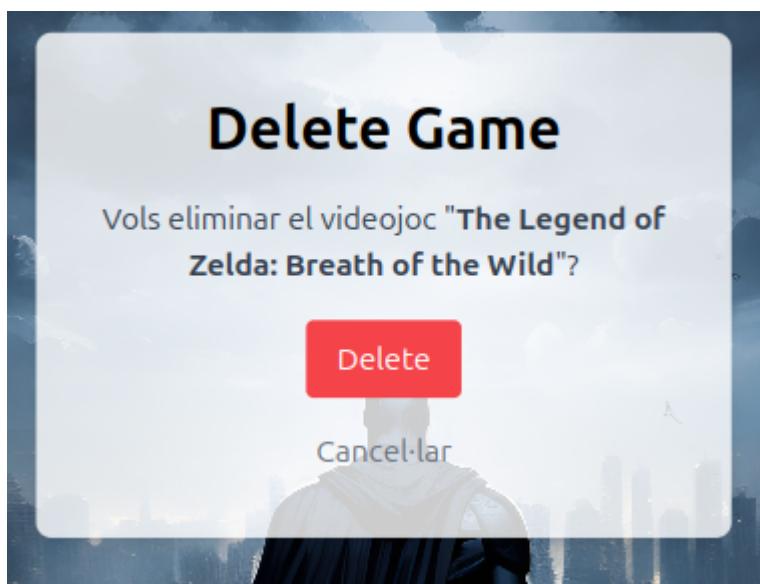
Responsiu



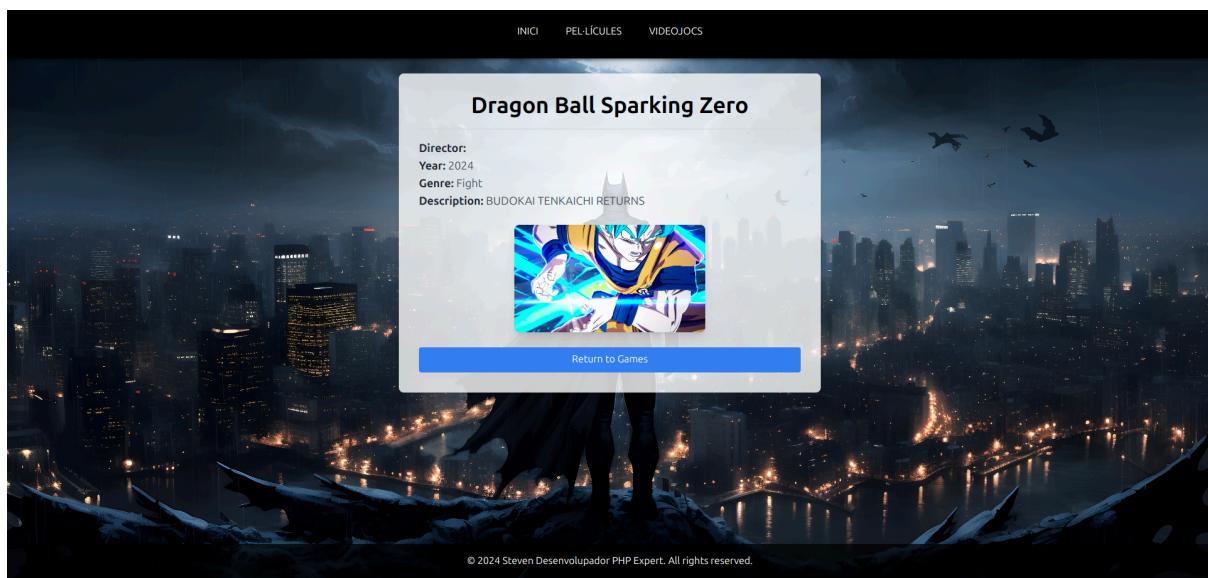
Delete



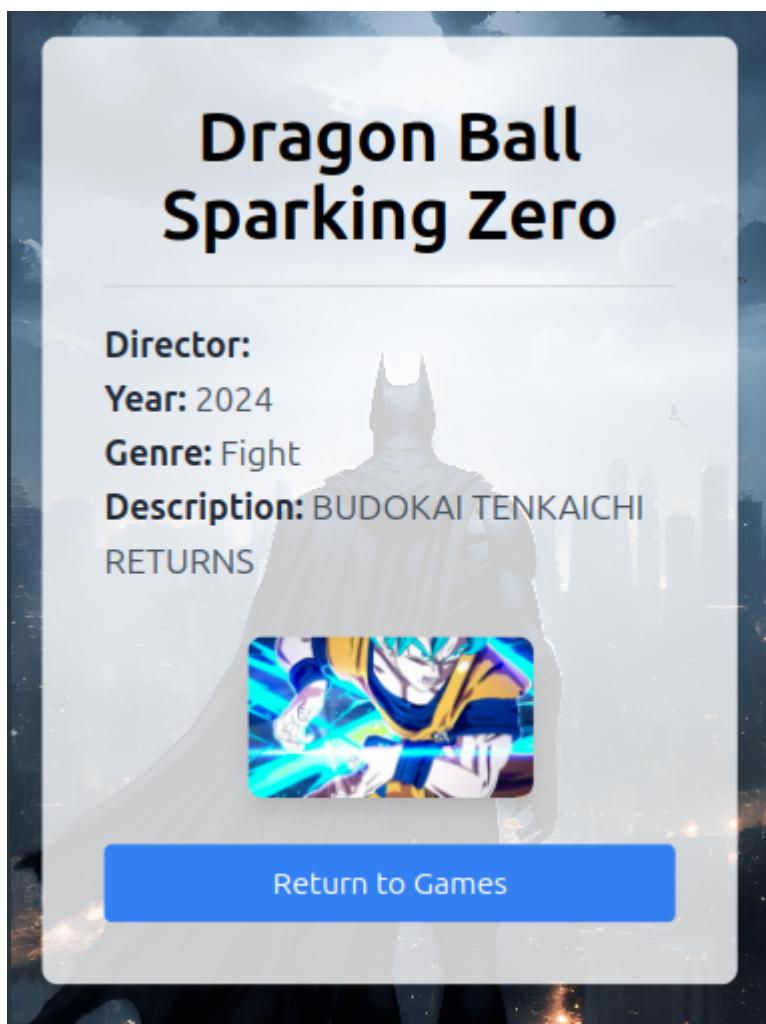
Responsiu



Show



Responsiu



Github

Enllaç al repositori github en fixer sql per a crear les taules en els valors finals.

<https://github.com/ManuelSteven21/phpTinkering>