Estructura Proyecto

Practica I


```
Client > Pages > @ Index.razor
1   @page "/"
2   <div class="card-deck mb-3">
3       <div class="card">
4           <img src="/Images/img1.webp" class="card-img-top" alt="img1" width="100">
5           <div class="card-body">
6               <h5 class="card-title">@card_title</h5>
7               <small class="text-muted">@card_text</small>
8           </div>
9           <footer class="blockquote-footer">
10              <small>@card_autor</small>
11          </footer>
12      </div>
13      <div class="card">
14          <img src="/Images/img1.webp" class="card-img-top" alt="img1" width="100">
15          <div class="card-body">
16              <h5 class="card-title">@card_title</h5>
17              <small class="text-muted">@card_text</small>
18          </div>
19          <footer class="blockquote-footer">
20              <small>@card_autor</small>
21          </footer>
22      </div>
23      <div class="card">
24          <img src="/Images/img1.webp" class="card-img-top" alt="img1" width="100">
25          <div class="card-body">
26              <h5 class="card-title">@card_title</h5>
27              <small class="text-muted">@card_text</small>
28          </div>
29          <footer class="blockquote-footer">
```
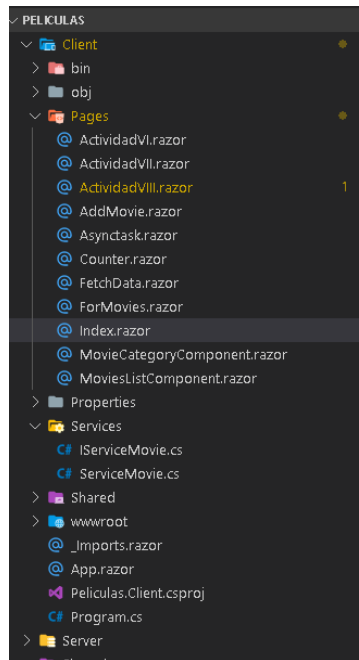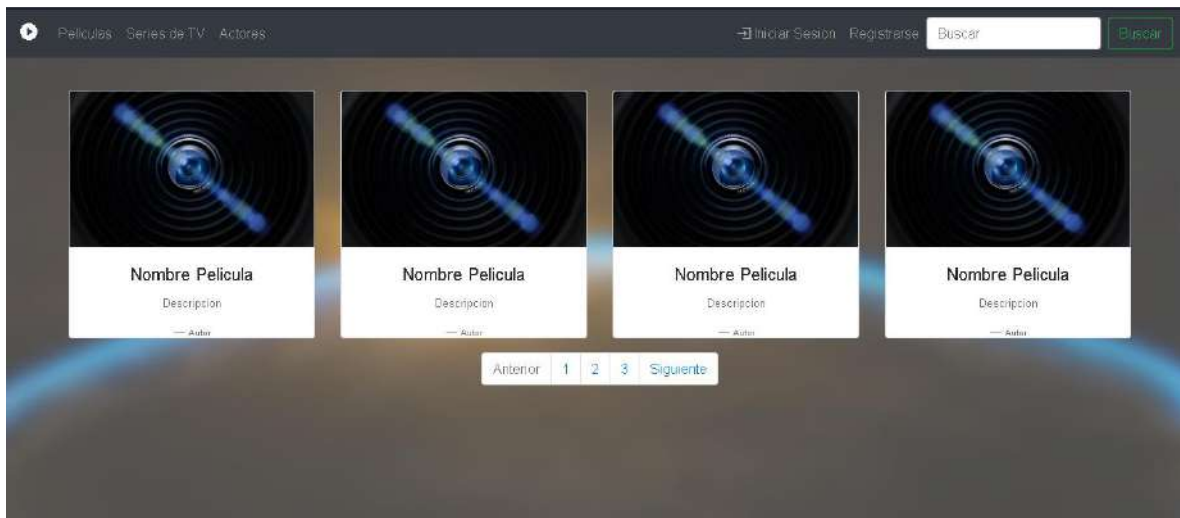
```
@code{
    @* Declaracion de Variables *@
    public string card_title = "Nombre Pelicula";
    public string card_text = "Descripcion";
    public string card_autor = "Autor";
}
```

Actividad II


```csharp
Shared > Entity > C# Movie.cs
1    using System;
2    namespace Peliculas.Shared.Entity
3    {
4        public class Movie
5        {
6            public string ImgMovie {get;set;}
7            public string NameMovie {get;set;}
8            public DateTime ReleaseDate {get;set;}
9            public string Synopsis {get;set;}
10           public string Director {get;set;}
11        }
12   }
```

```razor
Client > @ _Imports.razor
1    @using System.Net.Http
2    @using System.Net.Http.Json
3    @using Microsoft.AspNetCore.Components.Forms
4    @using Microsoft.AspNetCore.Components.Routing
5    @using Microsoft.AspNetCore.Components.Web
6    @using Microsoft.AspNetCore.Components.Web.Virtualization
7    @using Microsoft.AspNetCore.Components.WebAssembly.Http
8    @using Microsoft.JSInterop
9    @using Peliculas.Client
10   @using Peliculas.Client.Shared
11   @using Peliculas.Shared.Entity
12   @using Peliculas.Client.Services
```

```razor
1    @page "/counter"
2    <MoviesListComponent/>
3    <div class="card-deck mb-3">
4        <div class="card">
5            <img src=@Camara.ImgMovie class="card-img-top img-fluid" alt="img1" width="100px">
6            <div class="card-body">
7                <h5 class="card-title">@Camara.NameMovie</h5>
8                <small class="text-muted">@Camara.Synopsis</small>
9            </div>
10           <blockquote class="blockquote text-center">
11               <p class="mb-0">@Camara.Director</p>
12           </blockquote>
13           <footer class="blockquote-footer">
14               <small>@Camara.ReleaseDate</small>
15           </footer>
16       </div>
17   </div>
```

```razor
@code{
    @* Creamos una instancia de la clase Movie del proyecto Shared *@
    private Movie getMovie()
    {
        return new Movie()
        {
            ImgMovie = "/Images/img2.webp",
            NameMovie = "La Camara",
            Synopsis = "Es una pelicula nueva",
            ReleaseDate = new DateTime(2021,09,19),
            Director = "Jaime"
        };
    }

    @* Creamos una propiedad de tipo Movie *@
    public Movie Camara
    {
        get
        {
            return getMovie();
        }
    }
}
```

— Fecha Lanzamiento 06/00/2027

La Camara

Es una pelicula nueva
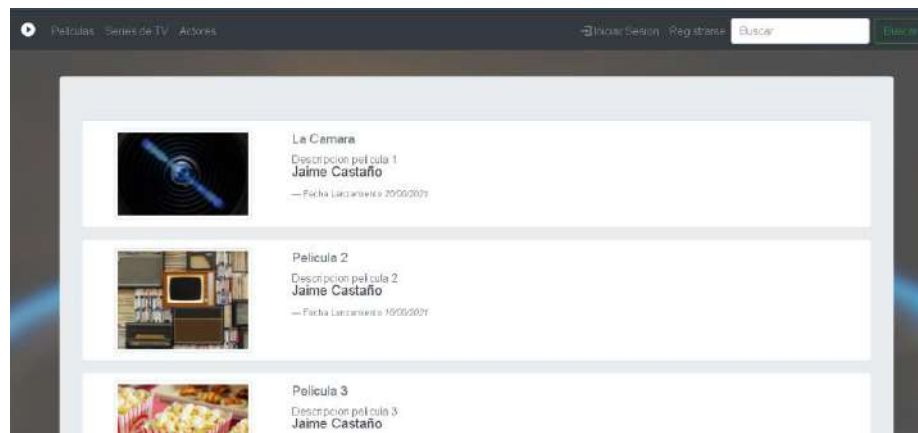
Jaime

— 19/9/2021 0:00:00

Actividad III

```
Client > Pages > @ FetchData.razor
1    @page "/fetchdata"
2    <div class="jumbotron">
3        @foreach (var movie in getMovies())
4        {
5            <div class="list-group mb-3">
6                <a href="#" class="list-group-item list-group-item-action flex-colum aling-item-start">
7                    <div class="row">
8                        <div class="col-md-3">
9                            <img class="img-thumbnail" src=@movie.ImgMovie alt="" height="200px" width="200px">
10                       </div>
11                       <div class="col-md-9">
12                           <h4 class="text-left">
13                               <small class="text-muted">@movie.NameMovie</small>
14                           </h4>
15                           <p class="mb-0 text-left">@movie.Synopsis</p>
16                           <blockquote class="blockquote text-left">
17                               <p class="mb-0">@movie.Director</p>
18                           </blockquote>
19                           <footer class="blockquote-footer text-left">Fecha Lanzamiento <cite title="Source Title">@movie.ReleaseDate.ToStrin
20                       </div>
21                   </div>
22                </a>
23            </div>
24        }
25    </div>
26
```

```
@code {
    private List<Movie> getMovies()
    {
        return new List<Movie>(){
            new Movie(){
                ImgMovie = "/Images/img1.webp",
                NameMovie = "La Camara",
                ReleaseDate = new DateTime (2021,09,26),
                Synopsis = "Descripcion pelicula 1",
                Director = "Jaime Castaño"},
            new Movie(){
                ImgMovie = "/Images/img2.webp",
                NameMovie = "Pelicula 2",
                ReleaseDate = new DateTime (2021,09,16),
                Synopsis = "Descripcion pelicula 2",
                Director = "Jaime Castaño"},
            new Movie(){
                ImgMovie = "/Images/img3.webp",
                NameMovie = "Pelicula 3",
                ReleaseDate = new DateTime (2021,09,6),
                Synopsis = "Descripcion pelicula 3",
                Director = "Jaime Castaño"}
        };
    }
}
```

Actividad IV

```
Client > Pages > @ ForMovies.razor
 1    @page "/formovies"
 2    <div class="jumbotron">
 3        @for (int i = 0; i < Movies.Count; i++)
 4        {
 5            <div class="list-group mb-3">
 6                <a href="#" class="list-group-item list-group-item-action flex-colum aling-item-start">
 7                    <div class="row">
 8                        <div class="col-md-3">
 9                            <img class="img-thumbnail" src=@Movies[1].ImgMovie alt="" height="200px" width="200px">
10                        </div>
11                        <div class="col-md-9">
12                            <h4 class="text-left">
13                                <small class="text-muted">@Movies[1].NameMovie</small>
14                            </h4>
15                            <p class="mb-0 text-left">@Movies[i].Synopsis</p>
16                            <blockquote class="blockquote text-left">
17                                <p class="mb-0">@Movies[i].Director</p>
18                            </blockquote>
19                            <footer class="blockquote-footer text-left">Fecha Lanzamiento <cite title="Source Title">@Movies[1].ReleaseDate.ToS
20                        </div>
21                    </div>
22                </a>
23            </div>
24        }
25    </div>
```

```csharp
@code {
    private List<Movie> getMovies()
        {
            return new List<Movie>(){
                new Movie(){
                    ImgMovie = "/Images/img1.webp",
                    NameMovie = "La Camara",
                    ReleaseDate = new DateTime (2021,09,26),
                    Synopsis = "Descripcion pelicula 1",
                    Director = "Jaime Castaño"},
                new Movie(){
                    ImgMovie = "/Images/img2.webp",
                    NameMovie = "Pelicula 2",
                    ReleaseDate = new DateTime (2021,09,16),
                    Synopsis = "Descripcion pelicula 2",
                    Director = "Jaime Castaño"},
                new Movie(){
                    ImgMovie = "/Images/img3.webp",
                    NameMovie = "Pelicula 3",
                    ReleaseDate = new DateTime (2021,09,6),
                    Synopsis = "Descripcion pelicula 3",
                    Director = "Jaime Castaño"}
            };
        }
    public List<Movie> Movies { get {return getMovies(); } }
}
```
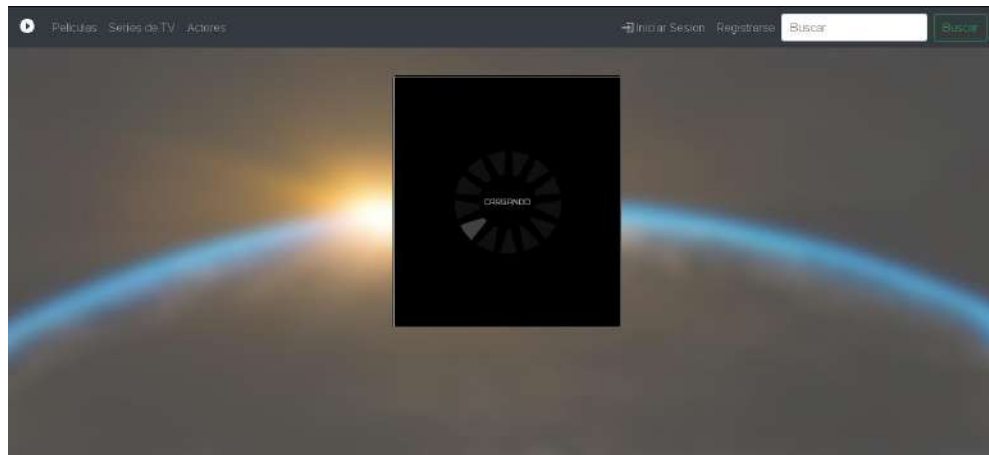
Películas Series de TV Actores   Iniciar Sesion Registrarse Buscar [Buscar]

La Camara
Descripcion pelicula 1
Jaime Castaño
— Fecha Lanzamiento 26/09/2021

Pelicula 2
Descripcion pelicula 2
Jaime Castaño
— Fecha Lanzamiento 16/09/2021

Pelicula 3
Descripcion pelicula 3
Jaime Castaño

Actividad V


```razor
@page "/AsyncTask"
@if (Movies == null){
    <img src="/Images/cargando.gif" class="rounded mx-auto d-block">
}
else{
    @for (int i = 0; i < Movies.Count; i++) {
    <div class="jumbotron">
    <div class="list-group mb-3">
        <a href="#" class="list-group-item list-group-item-action flex-colum aling-item-start">
            <div class="row">
                <div class="col-md-3">
                    <img class="img-thumbnail" src=@Movies[i].ImgMovie alt="" height="200px" width="200px">
                </div>
                <div class="col-md-9">
                    <h4 class="text-left">
                        <small class="text-muted">@Movies[i].NameMovie</small>
                    </h4>
                    <p class="mb-0 text-left">@Movies[i].Synopsis</p>
                    <blockquote class="blockquote text-left">
                        <p class="mb-0">@Movies[i].Director</p>
                    </blockquote>
                    <footer class="blockquote-footer text-left">Fecha Lanzamiento <cite title="Source Title">@Movies[i].ReleaseDate.ToSt
                </div>
            </div>
        </a>
    </div>
    </div>
    }
}
```



```csharp
@code {
    public List<Movie> Movies;

    private List<Movie> getMovies()
    {
        return new List<Movie>(){
            new Movie(){ImgMovie = "/Images/img1.webp", NameMovie = "La Camara", ReleaseDate = new DateTime (2021,09,26), Synopsis = "Descr
            new Movie(){ImgMovie = "/Images/img2.webp", NameMovie = "Pelicula 2", ReleaseDate = new DateTime (2021,09,16), Synopsis = "Desc
            new Movie(){ImgMovie = "/Images/img3.webp", NameMovie = "Pelicula 3", ReleaseDate = new DateTime (2021,09,6), Synopsis = "Descr
        };
    }

    protected override async Task OnInitializedAsync()
    {
        await Task.Delay (3000);
        Movies = getMovies();
    }
}
```
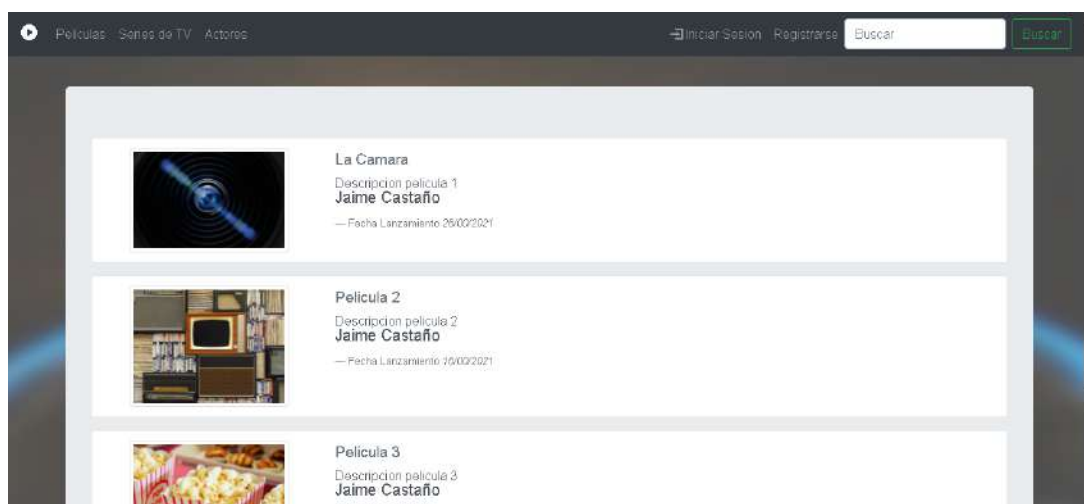
Actividad VI

```razor
@page "/movieslistcomponent"
<div class="jumbotron">
@if (Movies == null){
    <img src="/Images/cargando.gif" class="rounded mx-auto d-block">
}
else{
    @for (int i = 0; i < Movies.Count; i++) {

        <div class="list-group mb-3">
            <a href="#" class="list-group-item list-group-item-action flex-colum aling-item-start">
                <div class="row">
                    <div class="col-md-3">
                        <img class="img-thumbnail" src=@Movies[1].ImgMovie alt="" height="200px" width="200px">
                    </div>
                    <div class="col-md-9">
                        <h4 class="text-left">
                            <small class="text-muted">@Movies[1].NameMovie</small>
                        </h4>
                        <p class="mb-0 text-left">@Movies[1].Synopsis</p>
                        <blockquote class="blockquote text-left">
                            <p class="mb-0">@Movies[1].Director</p>
                        </blockquote>
                        <footer class="blockquote-footer text-left">Fecha Lanzamiento <cite title="Source Title">@Movies[1].ReleaseDate
                    </div>
                </div>
            </a>
        </div>
    }
}
```

```razor
@code {
    public List<Movie> Movies;

    private List<Movie> getMovies()
    {
        return new List<Movie>(){
            new Movie(){ImgMovie = "/Images/img1.webp", NameMovie = "La Camara", ReleaseDate = new DateTime (2021,09,26), Synopsis = "Descri
            new Movie(){ImgMovie = "/Images/img2.webp", NameMovie = "Pelicula 2", ReleaseDate = new DateTime (2021,09,16), Synopsis = "Descri
            new Movie(){ImgMovie = "/Images/img3.webp", NameMovie = "Pelicula 3", ReleaseDate = new DateTime (2021,09,6), Synopsis = "Descri
        };
    }

    protected override async Task OnInitializedAsync()
    {
        await Task.Delay (3000);
        Movies = getMovies();
    }
}
```
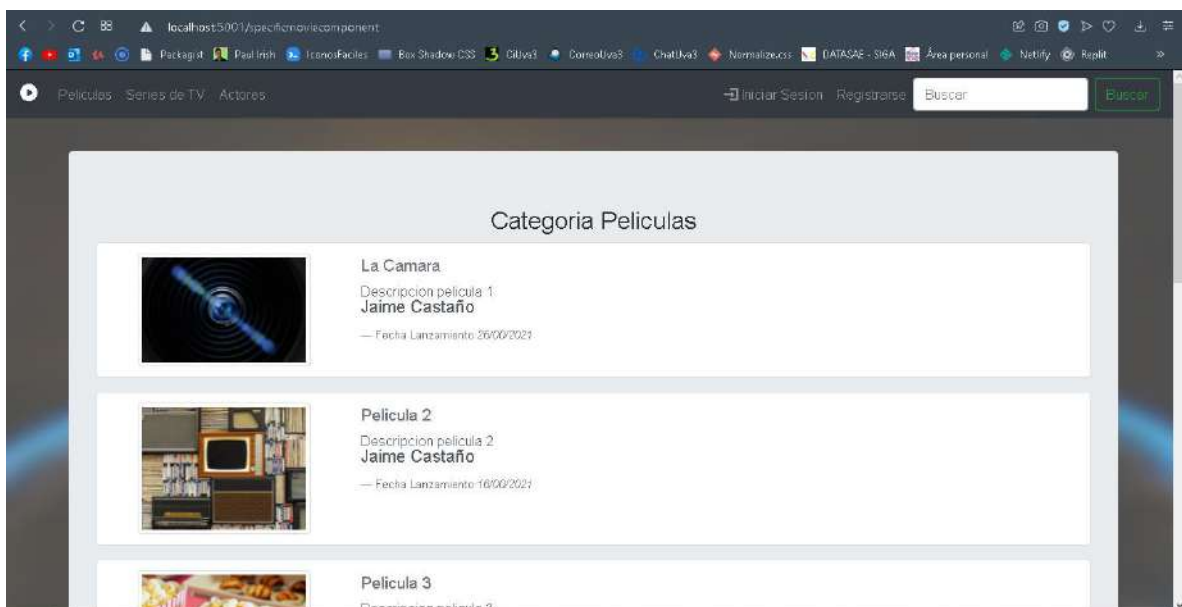
```razor
@page "/actividadvi"
<div>
    <MoviesListComponent/>
</div>
```

Actividad VII

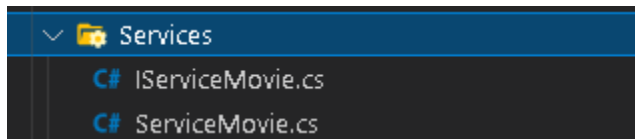```
Client > Pages > @ MovieCategoryComponent.razor
1   <div class="jumbotron">
2   <h3>Categoría Películas</h3>
3   @foreach (var movie in Movies)
4   {
5   <div class="list-group mb-3">
6
7   <div class="row">
8   <div class="col-md-3">
9   <img class="img-thumbnail" src=@movie.ImgMovie alt="" height="200px" width="200px">
10   </div>
11   <div class="col-md-9">
12   <h4 class="text-left">
13   <small class="text-muted">@movie.NameMovie</small>
14   </h4>
15   <p class="mb-0 text-left">@movie.Synopsis</p>
16   <blockquote class="blockquote text-left">
17   <p class="mb-0">@movie.Director</p>
18   </blockquote>
19   <footer class="blockquote-footer text-left">Fecha Lanzamiento <cite title="Source Title">@movie.ReleaseDate.ToString
20   </div>
21   </div>
22
23   </div>
24   }
25 </div>
26
27 @code {
28   [Parameter] public List<Movie> Movies {get;set;}
```



```
Client > Pages > @ ActividadVII.razor
1   @page "/specificmoviecomponent"
2   <div class="jumbotron">
3       <MovieCategoryComponent Movies="getMovieAction()"/>
4       <MovieCategoryComponent Movies="getMovieMiedo()"/>
5
6   </div>
7   @code{
8       @* Manejo Catecgiras *@
9       private List<Movie> getMovieAction()
10      {
11          return new List<Movie>(){
12              new Movie(){ImgMovie = "/Images/img1.webp", NameMovie = "La Camara", ReleaseDate = new DateTime (2021,09,26), Synopsis = "D
13              new Movie(){ImgMovie = "/Images/img2.webp", NameMovie = "Pelicula 2", ReleaseDate = new DateTime (2021,09,16), Synopsis = "
14              new Movie(){ImgMovie = "/Images/img3.webp", NameMovie = "Pelicula 3", ReleaseDate = new DateTime (2021,09,6), Synopsis = "D
15          };
16      }
17
18      private List<Movie> getMovieMiedo()
19      {
20          return new List<Movie>(){
21              new Movie(){ImgMovie = "/Images/img1.webp", NameMovie = "Miedo La Camara", ReleaseDate = new DateTime (2021,09,26), Synopsis
22              new Movie(){ImgMovie = "/Images/img2.webp", NameMovie = "Miedo Pelicula 2", ReleaseDate = new DateTime (2021,09,16), Synopsi
23              new Movie(){ImgMovie = "/Images/img3.webp", NameMovie = "Miedo Pelicula 3", ReleaseDate = new DateTime (2021,09,6), Synopsi
24          };
25      }
26  }
```

Actividad VIII

ISserviceMovie.cs

```csharp
Client > Services > C# ISserviceMovie.cs
1   using Peliculas.Shared.Entity;
2   using System.Collections.Generic;
3
4   namespace Peliculas.Client.Services
5   {
6       public interface ISserviceMovie
7       {
8           List<Movie> getMovies();
9       }
10  }
```

ServiceMovie.cs

```csharp
Client > Services > C# ServiceMovie.cs
1   using System;
2   using Peliculas.Shared.Entity;
3   using System.Collections.Generic;
4
5   namespace Peliculas.Client.Services
6   {
7       public class ServiceMovie: ISserviceMovie
8       {
9           public List<Movie> getMovies(){
10              return new List<Movie>(){
11                  new Movie(){ImgMovie = "/Images/img1.webp", NameMovie = "La Camara", ReleaseDate = new DateTime (2021,09,26), Synopsis = "D
12                  new Movie(){ImgMovie = "/Images/img2.webp", NameMovie = "Pelicula 2", ReleaseDate = new DateTime (2021,09,16), Synopsis = "
13                  new Movie(){ImgMovie = "/Images/img3.webp", NameMovie = "Pelicula 3", ReleaseDate = new DateTime (2021,09,6), Synopsis = "D
14              };
15          }
16      }
17  }
```

Program.cs

```csharp
Client > C# Program.cs
6   using System.Collections.Generic;
7   using System.Threading.Tasks;
8   using System.Text;
9   using Microsoft.AspNetCore.Components.WebAssembly.Hosting;
10  using Microsoft.Extensions.Configuration;
11  using Microsoft.Extensions.DependencyInjection;
12  using Microsoft.Extensions.Logging;
13  using Peliculas.Client.Services;
14
15  namespace Peliculas.Client
16  {
17      public class Program
18      {
19          public static async Task Main(string[] args)
20          {
21              var builder = WebAssemblyHostBuilder.CreateDefault(args);
22              builder.RootComponents.Add<App>("#app");
23              builder.Services.AddScoped(sp => new HttpClient { BaseAddress = new Uri(builder.HostEnvironment.BaseAddress) });
24              ConfigureServices(builder.Services);
25              await builder.Build().RunAsync();
26          }
27
28          private static void ConfigureServices(IServiceCollection services){
29              services.AddSingleton<ISserviceMovie, ServiceMovie>();
30          }
31      }
32  }
33
```

```
Client > Pages > @ ActividadVIII.razor
    1    @page "/serviceMovies"
    2    @inject IServiceMovie movie
    3
    4        <MovieCategoryComponent Movies = "Movies"></MovieCategoryComponent>
    5
    6    @code{
    7        private List<Movie> Movies;
    8        protected override void OnInitialized(){
    9            Movies = movie.getMovies();
   10        }
   11    }
```


Categoria Peliculas

La Camara
Descripcion pelicula 1
Jaime Castaño
— Fecha Lanzamiento 26/00/2021

Pelicula 2
Descripcion pelicula 2
Jaime Castaño
— Fecha Lanzamiento 16/00/2021

Pelicula 3
Descripcion pelicula 3