

Authorization Filter:

The screenshot shows the Visual Studio IDE with the following code in `CustomAuthorizeAttribute.cs`:

```
1 using Microsoft.EntityFrameworkCore;
2 using ResourceManageGroup.Models;
3 using Microsoft.AspNetCore.Mvc.Filters;
4 using Microsoft.AspNetCore.Mvc;
5 using Newtonsoft.Json;
6 namespace ResourceManageGroup.Data
7 {
8     public class CustomAuthorizeAttribute : TypeFilterAttribute
9     {
10         public CustomAuthorizeAttribute() : base(typeof(CustomAuthorizeRFilter))
11         {
12         }
13     }
14     public class CustomAuthorizeMAttribute : TypeFilterAttribute
15     {
16         public CustomAuthorizeMAttribute() : base(typeof(CustomAuthorizeMFilter))
17         {
18         }
19     }
20     public class CustomAuthorizeEAttribute : TypeFilterAttribute
21     {
22     }
```

The Explorer pane on the left shows the project structure with folders `bin`, `Controllers`, `Data`, `Migrations`, and `Models`. The `Models` folder contains `Employee.cs`, `ErrorViewMod...`, `Manager.cs`, `Project.cs`, `Recruiter.cs`, `Validation...`, and `WebApi.cs`.

The screenshot shows the Visual Studio IDE with the following code in `CustomAuthorizeAttribute.cs`:

```
51     }
52     Console.WriteLine($"users: {JsonConvert.SerializeObject(user)}");
53 }
54
55 public class CustomAuthorizeEFilter : IAuthorizationFilter
56 {
57     public void OnAuthorization(AuthorizationFilterContext context)
58     {
59         var user = context.HttpContext.Session.GetObjectFromJson<Employee>("users");
60         if (user == null)
61         {
62             Console.WriteLine("Error: users is null");
63             context.Result = new RedirectToActionResult("LoginE", "Employee", null);
64             return;
65         }
66         Console.WriteLine($"users: {JsonConvert.SerializeObject(user)}");
67     }
68 }
69 }
```

The Explorer pane on the left shows the project structure with folders `bin`, `Controllers`, `Data`, `Migrations`, and `Models`. The `Models` folder contains `Employee.cs`, `ErrorViewMod...`, `Manager.cs`, `Project.cs`, `Recruiter.cs`, `Validation...`, and `WebApi.cs`.

