

# ASP.NET Core MVC 3.1

Tahaluf Training Center 2021



## Chapter 7

**1** Create a Login Page

**2** Session



## Create a Registration Page

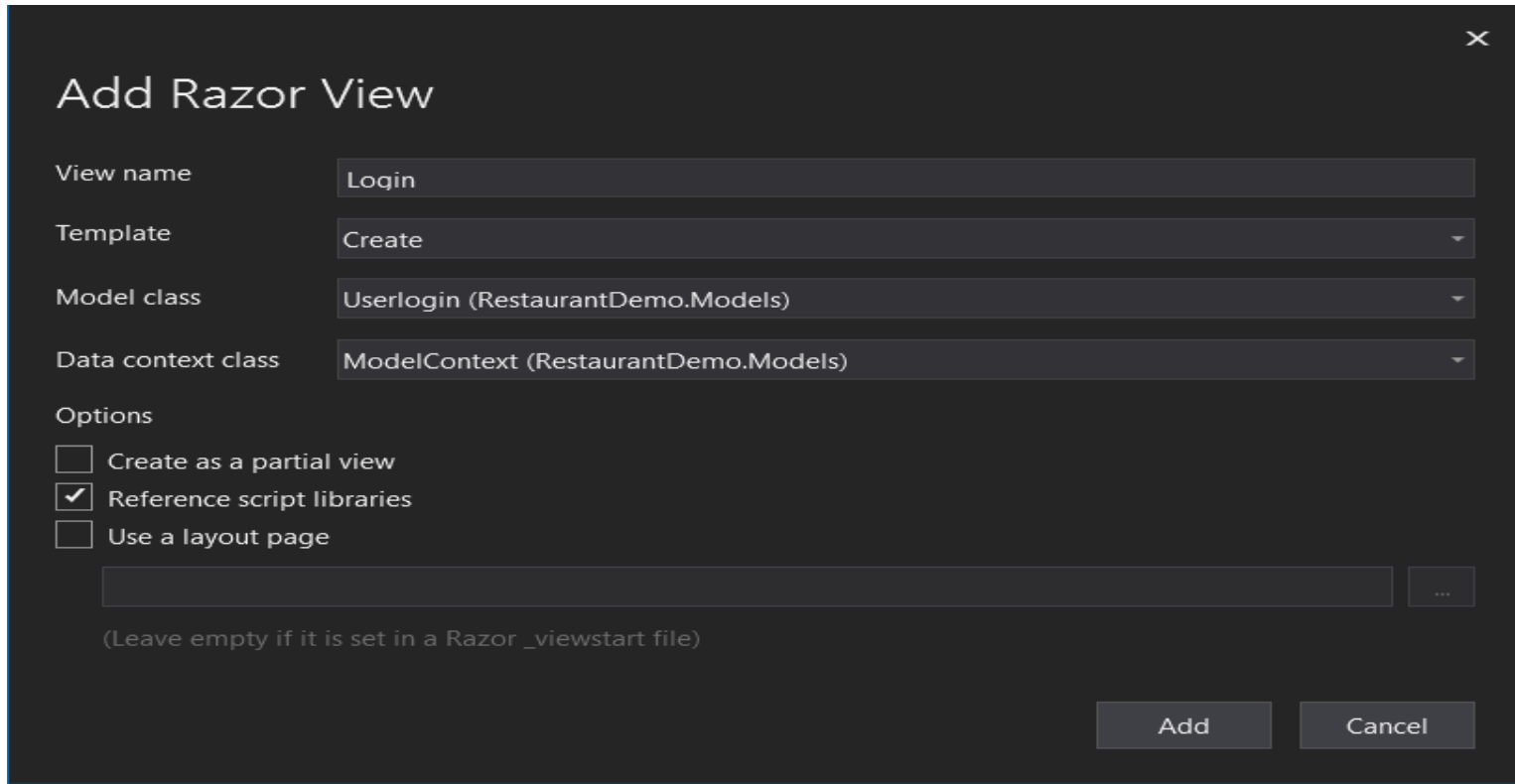
1. Open this link and download bootstrap:  
<https://colorlib.com/wp/free-bootstrap-registration-forms/>
2. Download Colorlib Reg Form v7.
3. Extract the bootstrap folder.
4. Move Style folders to assets2 folder.

**Note:** You need to create assets2 folder before moving the style.



## Create Login Page

### 1. Create Login View.



**Add Razor View**

View name: Login

Template: Create

Model class: Userlogin (RestaurantDemo.Models)

Data context class: ModelContext (RestaurantDemo.Models)

Options

- ☐ Create as a partial view
- ☒ Reference script libraries
- ☐ Use a layout page

\_\_\_\_\_

(Leave empty if it is set in a Razor \_viewstart file)

Add Cancel



## Create Login Page

2. Create Login function in LoginandRegistrationController.

```
public IActionResult Login()
{
    return View();
}
```

18. Move HTML Code for Login page.



## Create Login Page

### 3. Run Login Page.



## Sign In

 UserName

 Password

Log in



## Create Login Page

**Session:** The ASP.NET Core session state scenario stores user data while the user is browsing a web app. Session state persists data between client requests by using a store maintained by the application.



## Create Login Page

Session state is accessed from a Razor Pages PageModel class or MVC Controller class with HttpContext.Session.

Use the Set() method to assign value to the session and the get method to retrieve value from the session





## Create Login Page

The following example shows how to set and get an integer and a string:

```
HttpContext.Session.SetString("Name", "Bayan");  
HttpContext.Session.SetInt32("Num", 50);
```

```
var name = HttpContext.Session.GetString("Name");  
var num = HttpContext.Session.GetInt32("Num").ToString();
```



## Create Login Page

### Configure session state

#### Startup => ConfigureServices

```
services.AddSession(options => {  
    options.IdleTimeout =  
    TimeSpan.FromMinutes(60);  
});
```

#### Startup => Configure

```
app.UseSession();
```



## Create Login Page

### 4. Create Login function in controller.

```
[HttpPost]
public IActionResult Login ([Bind("UserName ,
Passwordd ")] UserLogin userLogin)
{
    var auth =
_context.UserLogins.Where(x=>x.UserName ==
userLogin.UserName && x.Passwordd ==
userLogin.Passwordd).SingleOrDefault();

    if(auth!=null)
    {
        switch (auth.RoleId)
        {
            case 1:
```



## Create Login Page

```
HttpContext.Session.SetInt32("CustomerId",  
(int)auth.CustomerId);  
return RedirectToAction("Index",  
"CustomerHome");
```

```
case 2:
```

```
HttpContext.Session.SetString("AdminName", auth.UserName);  
return RedirectToAction("Index",  
"Home");
```



## Create Login Page

case 3:

```
HttpContext.Session.SetString("EmployeeName",  
auth.UserName);  
return RedirectToAction("Index",  
"EmployeeHome");  
}  
}  
return View();  
}
```



## Create Login Page

### 5. Create EmployeeHome controller.

```
private readonly ModelContext _context;

public EmployeeHomeController(ModelContext context)
{
    _context = context;
}

public IActionResult Index()
{
    ViewBag.EmployeeName =
HttpContext.Session.GetString("EmployeeName");
    return View();
}
```



## Create Login Page

### 6. Create Index view in EmployeeHome View.

```
@{  
    Layout = null;  
    var name = ViewBag.EmployeeName;  
}  
  
<h1>Im Employee</h1>  
<h1>My Name:@name</h1>  
  
<a href="https://localhost:44392/LoginRegister/Login">Logout</a>
```



## Create Login Page

### 7. Create CustomerHome controller.

```
private readonly ModelContext _context;

public CustomerHomeController(ModelContext context)
{
    _context = context;
}

public IActionResult Index()
{
    ViewBag.CustomerId =
HttpContext.Session.GetInt32("CustomerId");
    return View();
}
```





## Create Login Page

### 8. Create Index view in CustomerHome View folder.

```
@{
    Layout = null;
    var id = ViewBag.CustomerId;
}

<h1>Im Customer</h1>
<h1>My ID:@id</h1>

<a href="https://localhost:44392/LoginRegister/Login">Logout</a>
```

