

ASP.NET Core MVC 3.1

Tahaluf Training Center 2021



Chapter 6

1 Create a Registration Page



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.

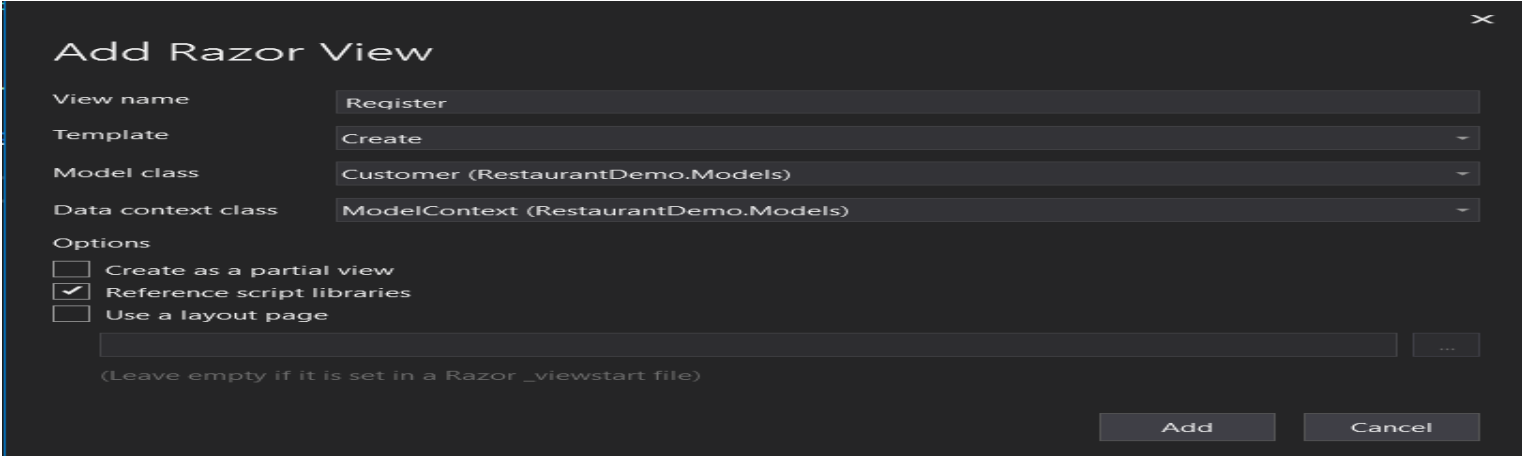


Create a Registration Page

5. Create LoginandRegistration Folder.

6. Create LoginandRegistrationController: Controller => Add => Controller => MVC Controller Empty => LoginandRegistrationController.

7. Create Signup view: Right Click on LoginandRegistration Folder => Add => View=> Razor View => Enter the information.



Add Razor View

View name: Register

Template: Create

Model class: Customer (RestaurantDemo.Models)

Data context class: ModelContext (RestaurantDemo.Models)

Options

☐ Create as a partial view

☒ Reference script libraries

☐ Use a layout page

Layout:

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

Add Cancel



Create a Registration Page

8. Create a function in LoginandRegistrationController to view the page.

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


9. Move assets2 Folder to wwwroot folder, then move HTML Code for sign up page.




Create a Registration Page

10. Run the view page.


Sign up




Your Name



Your Email



Password




Repeat your password

☐

I agree all statements in [Terms of service](#)

Register

[I am already member](#)





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11. Add ImageFile in Customer Class.

```
[NotMapped]  
public virtual IFormFile ImageFile { get; set; }
```

12. Update the HTML Code.



Create a Registration Page

12. Run Register view.

Sign up

 Your First Name

 Your Last Name

 Password

Image No file chosen

Register



Create a Registration Page

13. Create Register function in controller.

```
private readonly ModelContext _context;  
private readonly IWebHostEnvironment _hostEnvironment;  
public LoginandRegistrationController(ModelContext context,  
IWebHostEnvironment _hostEnvironment)  
{  
    this._hostEnvironment = _hostEnvironment;  
    _context = context;  
}
```



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```
[HttpPost]
[ValidateAntiForgeryToken]
public async Task<IActionResult>
Register([Bind("Id,Fname,Lname,Imagepath,ImageFile")]
Customer customer, string username, string password)
{
    if (ModelState.IsValid)
    {
        string wwwRootPath = _hostEnvironment.WebRootPath;
        string fileName = Guid.NewGuid().ToString() + "_" +
            customer.ImageFile.FileName;
        string extension =
            Path.GetExtension(customer.ImageFile.FileName);
```



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```
customer.Imagepath = fileName;
_context.Add(customer);
await _context.SaveChangesAsync();
var LastId = _context.Customers.OrderByDescending(p =>
p.Id).FirstOrDefault().Id;
Userlogin login1 = new Models.Userlogin();
login1.Roleid = 1;
login1.Password = password;
login1.Username = username;
login1.Customerid = LastId;
_context.Add(login1);
await _context.SaveChangesAsync();
return RedirectToAction("Login", "LoginandRegistration");
}
return View(customer);
}
```



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14. Add User Name and Password to the form.


```
<div class="form-group">
<label for="username"><i class="zmdi zmdi-
lock"></i></label>
<input type="text" name="username" id="username"
placeholder="Username" />
</div>
<div class="form-group">
<label for="pass"><i class="zmdi zmdi-lock"></i></label>
<input type="pass" name="pass" id="pass"
placeholder="Password" />
</div>
```





Create a Registration Page


15. Run Register Page.

Sign up

 Mohammed

 Hassan

 M@




Image

Choose File

about-us-1000x543.jpg

Register



Create a Registration Page

The result in the database:

ID	FNAME	LNAME	IMAGEPATH
1	h		iojiokl
2	21 (null)	(null)	3d75055c-0739-4392-abec-f8996a2ab9bf about-us-1000x543.jpg
3	22 Mohammed	Hassan	e824d054-92d5-4a76-b4a3-75801efac501 about-us-1000x543.jpg

ID	USERNAME	PASSWORD	ROLEID	CUSTOMERID
1	1 a@gmail.com	123	1	21
2	2 M@	12345	1	22

