

# Blogs

Told you, we love sharing!

[Home \(/\)](#) / [Blog \(https://www.tothenew.com/blog/\)](https://www.tothenew.com/blog/) / [Technology \(https://www.tothenew.com/blog/category/technology/\)](https://www.tothenew.com/blog/category/technology/) / [Create Partial View in MVC in Asp.Net and inte](#)

Category

Subscribe to Our Blog

## Create Partial View in MVC in Asp.Net and integrate as a reusable component in Umbraco CMS.

TECHNOLOGY ([HTTPS://WWW.TOTHENEW.COM/BLOG/CATEGORY/TECHNOLOGY/](https://www.tothenew.com/blog/category/technology/))

30 / AUG / 2016 BY [MOHIT KUMAR \(HTTPS://WWW.TOTHENEW.COM/BLOG/AUTHOR/MOHIT-KUMAR1/\)](https://www.tothenew.com/blog/author/mohit-kumar1/) [0 COMMENTS](#)  
([HTTPS://WWW.TOTHENEW.COM/BLOG/CREATE-PARTIAL-VIEW-IN-MVC-IN-ASP-NET-AND-INTEGRATE-AS-A-REUSABLE-COMPONENT-IN-UMBRACO-CMS/#RESPOND](https://www.tothenew.com/blog/create-partial-view-in-mvc-in-asp-net-and-integrate-as-a-reusable-component-in-umbraco-cms/#RESPOND))

Share this blog

Email

Twitter

Facebook

LinkedIn

## What is Partial View in MVC: -

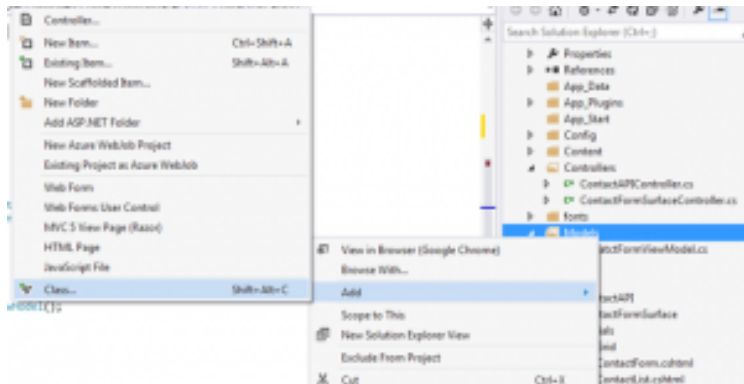
Partial view is same as a user control in Web Form application in **Asp.Net** .So it can be reused with in multiple views in MVC. Partial Views are special views which render a portion of View content.

Step by step process to implement partial views in MVC in Asp.net and integrate with Umbraco (<https://www.tothenew.com/blog/how-to-integrate-asp-net-custom-user-control-with-umbraco-cms/>) CMS in Asp.Net:-

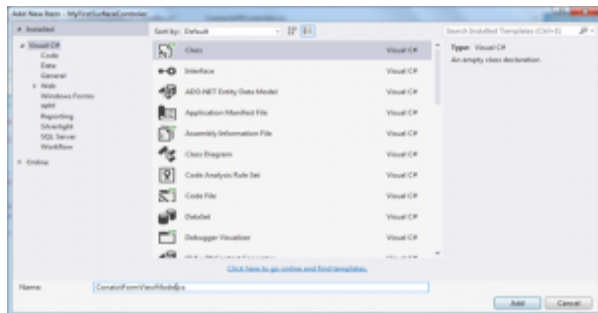
Given below partial view example will demonstrate to display contact list in Partial view as:-

**Step 1:- Inside Visual Studio add model as given below screen shots:-**

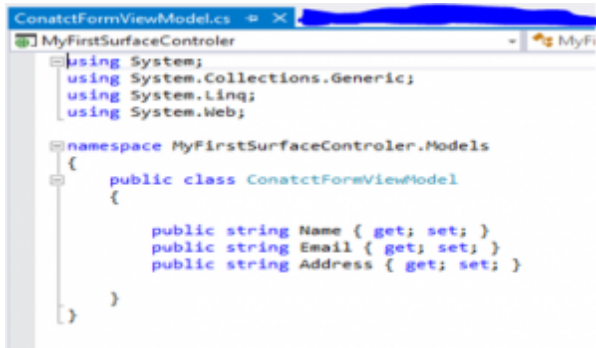
**A) In Solution Explorer of visual studio, right click on the *Models* folder, select **Add**, and then select **Class**.**



B) Give appropriate name for the class as given below screen shot:-

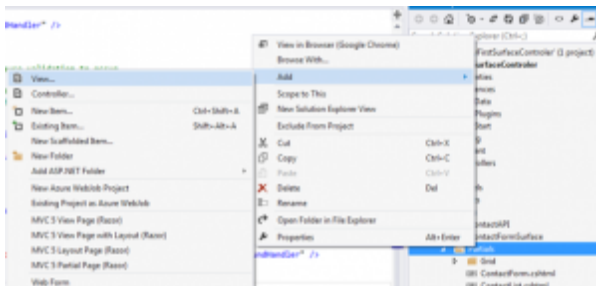


C) Add the three properties to theContactFormViewModel class as in given below screen shot which is created as in above screen shot:

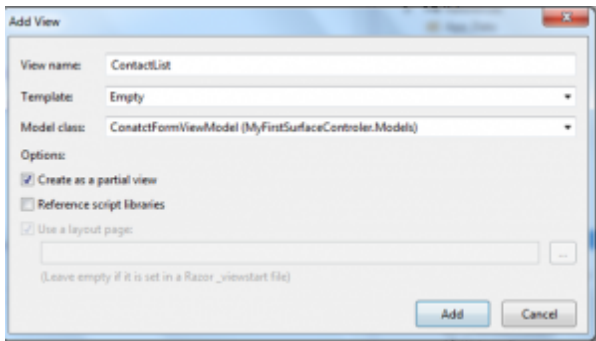


## Step 2:- Add Partial View

A) In Solution Explorer of visual studio, right click on the *Views=>Partials* folder, select **Add**, and then select **View**.



B) Give appropriate name for the View , select Model class and checked create as a partial view checkbox as given below screen shot:-



C) Write the following HTML code using razor for displayingcontact list



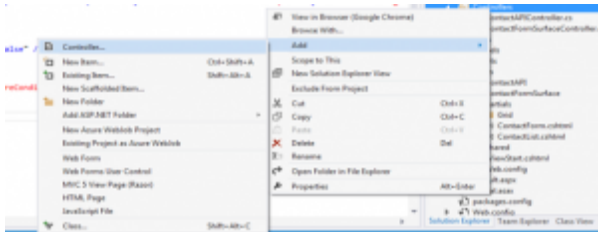
### Step 3:- Add Controller with Umbraco CMS reference

A) Adding Umbraco CMS reference

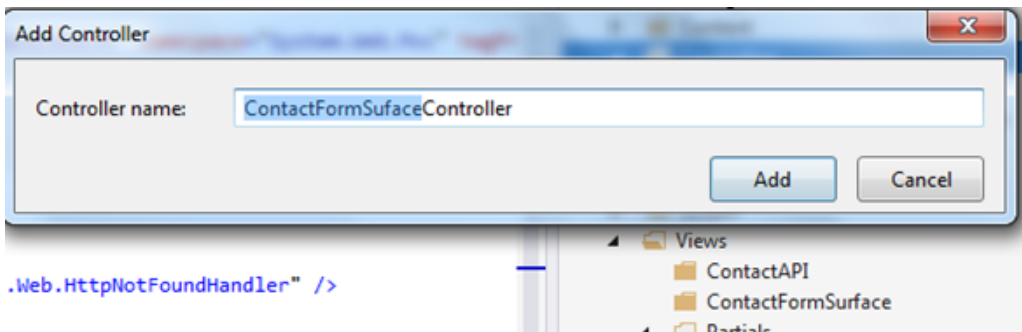
In Solution Explorer of visual studio, right click on the Bin folder, select **Manage NuGet Packages**, and then install Umbraco CMS reference.

B) Adding Controller

1) In Solution Explorer of visual studio, right click on the Controllers folder, select **Add**, and then select **Controller**.



2) Give appropriate name for the Controller as given below screen shot:-



C) Add action(method) in this controller:

This controller (ContactFormSurfaceController) inherited by surface controller class not controller class. And this action return as partial view using following method.

## PartialView(your view Name, Model Name)

```

using ...

namespace MyFirstSurfaceController.Controllers
{
    public class ContactFormSurfaceController : SurfaceController
    {
        // GET: ContactFormSurface
        public ActionResult ContactList()
        {
            List<ConatctFormViewModel> listobj = new List<ConatctFormViewModel>();
            ConatctFormViewModel objlist = new ConatctFormViewModel();
            objlist.Email = "abc@gmail.com";
            objlist.Address = "Noida";
            objlist.Name = "Mohit kumar";
            listobj.Add(objlist);

            ConatctFormViewModel objlist2 = new ConatctFormViewModel();
            objlist2.Email = "abc@gmail.co";
            objlist2.Address = "Delhi";
            objlist2.Name = "Mohit kumar";
            listobj.Add(objlist2);

            return PartialView("ContactList", listobj);
        }
    }
}

```

## Step 4:- Integrate this partial view component with umbraco CMS

First build this Project then add Project DLL in Umbraco bin folder and Partial view in Views=> Partial folder in umbraco CMS.

### How to call Partial view in umbraco CMS Page ?

#### A) Call Partial View on your umbraco page

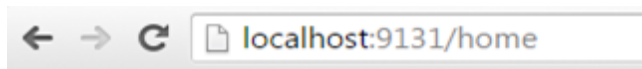
For calling partial view we will write following code on the umbraco page.

@Html.Action(Action Name,Controller Name)

For Example:-

```
@Html.Action("ContactList","ContactFormSurface")
```

B) Browse umbraco page in the browser and it will be showing contact list as below screenshot



## Contact List

Name	Email	Address
abc@gmail.com	Noida	Mohit kumar
abc@gmail.co	Delhi	Mohit kumar

Tag -

Umbraco (<https://www.tothenew.com/blog/tag/umbraco/>)

FOUND THIS USEFUL? SHARE IT



Email

Twitter

Facebook

LinkedIn



## Whitepaper Software Testing in Agile Environment

Download Whitepaper (<https://insights.tothenew.com/testing-software-testing-agile-environment>)

### LEAVE A COMMENT -

Name \*

---

Email \*

---

Comment

---

Submit



by

**Mohit Kumar** (<https://www.tothenew.com/blog/author/mohit-kumar1/>)

#### YOU MAY ALSO LIKE

How to Integrate ASP.NET custom user control with Umbraco CMS (<https://www.tothenew.com/blog/how-to-integrate-asp-net-custom-user-control-with-umbraco-cms/>)

STACK VIEW IN iOS 9 (<https://www.tothenew.com/blog/stack-view-in-ios-9/>)

Deep insight into Stack View (<https://www.tothenew.com/blog/deep-insight-into-stack-view/>)



FOLLOW US ON

(https://www.facebook.com/glassdoorindia/company/tothenew)  
(https://www.glassdoor.co.in/Overview/Working-at-TO-THE-NEW-



## Who We Are

## What We Do

Knowledge +

Contact Us +

## Connect With Us

Glassdoor ([https://www.glassdoor.co.in/Overview/Working-at-TO-THE-NEW-EI\\_IE1011609.11,21.htm](https://www.glassdoor.co.in/Overview/Working-at-TO-THE-NEW-EI_IE1011609.11,21.htm))



©2020 TO THE NEW