Data Annotation

Class Customer.cs

using System;

using System.Collections.Generic;

using System.ComponentModel.DataAnnotations;

using System.Linq;

using System.Text.RegularExpressions;

using System.Web;

namespace HelloWorld.Models

{

    public class Customer

    {

        //Data Annotation

        [Required]

        [StringLength(10)]

        public string CustName { get; set; }

        [RegularExpression("^[A-Z]{3,3}[0-9]{4,4}$")]     //("^[A-Z]{3,3}[0-9]{4,4}$")

        [Required]

        public string CustId { get; set; }

    }

}

CustomerController.cs

public ActionResult **Submit**( Customer **obj**)

   {

       /\*Customer ccc = new Customer();

       ccc.CustName = CustName;

       ccc.CustId = CustId;

       var name = CustName;

       var no = CustId;\*/

       var **name** = **obj**.CustName;

       var **no** = **obj**.CustId;

       ViewData["C1"] = **name**;

       ViewData["C2"] = **no**;

**if** (ModelState.IsValid)

       {

           ViewData["SUC"] = "Successfull";

**return** **View**("Customers", **obj**);

       }

       else

       {

**return** **View**("Customers", **obj**);

       }

       //return View("Customers",obj);

   }

Customer.cshtml View with helper Method

@using (Html.**BeginForm**("Submit","Customer",FormMethod.Post))

 {

     <i>Customer Name</i> @Html.**TextBoxFor**( **m** => **m**.CustName) <br />

     @Html.**ValidationMessageFor**(**x** => **x**.CustName)<br />

     <i> Customer Code </i> @Html.**TextBoxFor**(**m** => **m**.CustId)<br />

     @Html.**ValidationMessageFor**(**x** => **x**.CustId)<br />

     <input id="Submit1" type="submit" value="submit" />

 }