Html.ValidationMessageFor Example In ASP.Net MVC 5

In this tutorial, you will learn:

1. What is `Html.ValidationMessageFor` in ASP.Net MVC5?
2. How to define `Html.ValidationMessageFor`?
3. Programming Example

`Html.ValidationMessageFor` is a strongly typed method that is used for display error message for input control if the invalid value entered. You can define Html.ValidationMessageFor as follows:

```
@Html.ValidationMessageFor(Model Property, "String Message", Html Attribu
```

Model Property binds the ValidationMessageFor helper method to a model property.

String Message is used for displaying a custom error message

Html Attribute allows you to insert CSS.

Mostly there are **3 parts** of validating a control and displaying a message.

   i. **Create Rules** for model properties in Model class.

  ii. **Validating** in Controller

 iii. **Displaying** an Error message in View.

1. Create Rules for model properties in Model class.

```
1   using System.ComponentModel.DataAnnotations;
2
3   namespace HtmlHelperDemo.Models
4   {
5       public class UserModel
6       {
7           [Required(ErrorMessage = "Name is Required. It cannot be em
8           public string UserName { get; set; }
9       }
10  }
```

2. Validating in Controller

```
1    [HttpPost]
2    public ActionResult Index(UserModel um)
3    {
4        if (ModelState.IsValid)
5        {
6            return View(um);
7        }
8        else
9        {
10           return View();
11       }
12   }
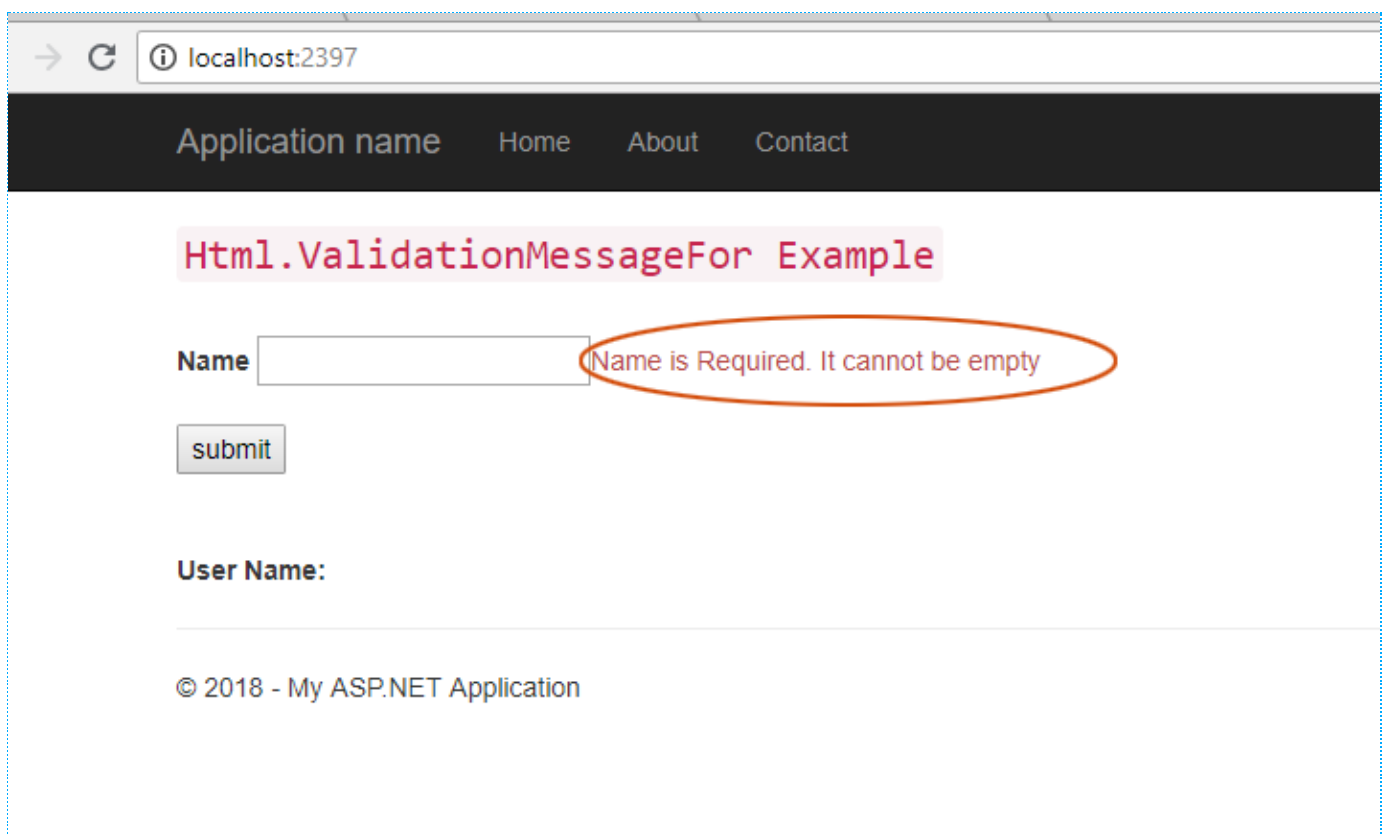```

## 3. Displaying an Error message in View.

```
1    @using HtmlHelperDemo.Models
2    @model UserModel
3
4    <h3><code>Html.ValidationMessageFor Example</code></h3>
5    <br />
6
7    @using (Html.BeginForm("Index", "Home", FormMethod.Post))
8    {
9        <strong>Name </strong> @Html.EditorFor(m => m.UserName)
10       @Html.ValidationMessageFor(m => m.UserName, "", new { @class =
11       <br /><br />
12       <input id="Submit" type="submit" value="submit" />
13   }
14
15   <br /><br />
16   <strong>User Name:</strong> @Html.DisplayFor(m => m.UserName)<br />
```

Html Output

```html
<input class="input-validation-error text-box single-line"
       data-val="true"
       data-val-required="Name is Required. It cannot be empty"
       id="UserName" name="UserName"
       type="text"
       value="" />

<span class="field-validation-error text-danger"
      data-valmsg-for="UserName"
      data-valmsg-replace="true">Name is Required. It cannot be empty
</span>
```


(../image/aspnetmvc5/html_validation_for.png)

In this tutorial, I tried to give you a fundamental knowledge about What is and How to Use Html.ValidationMessageFor in ASP.Net MVC 5. You can learn complete Html Form Validation with an example in ASP.Net MVC 5 here.

Data Annotation Validation With Example In ASP.NET MVC (https://completecsharptutorial.com/asp-net-mvc5/data-annotation-validation-with-example-in-asp-net-mvc.php)

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