Here, we will enable client-side validation.

ASP.NET MVC supports client-side validation using jQyery. First, you need to take a reference of two javascript files from the **Scripts** folder, jquery.validate.unobtrusive.js (jquery.validate.min.js and jquery.validate.unobtrusive.min.js are minified files) in your layout file as shown below.

Example: Add jQuery Validation Script Files

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>@ViewBag.Title - My ASP.NET Application</title>

@Styles.Render("~/Content/css")

@Scripts.Render("~/bundles/modernizr")

</head>

<body>

@Html.Partial("\_HeaderNavBar");

<div class="container body-content">

@RenderBody()

<hr />

<footer>

<p>&copy; @DateTime.Now.Year - My ASP.NET Application</p>

</footer>

</div>

@Scripts.Render("~/bundles/jquery")

**@Scripts.Render("~/Scripts/jquery.validate.min.js")**

**@Scripts.Render("~/Scripts/jquery.validate.unobtrusive.min.js")**

@Scripts.Render("~/bundles/bootstrap")

@RenderSection("scripts", required: false)

</body>

</html>

Now, add the following two settings in the <appSettings> section of web.config, if they are not there.

App Settings in web.config

<appSettings>

<add key="ClientValidationEnabled" value="true"/>

<add key="UnobtrusiveJavaScriptEnabled" value="true"/>

</appSettings>

That's it. You will get validation error messages onblur event of particular textfield on which you have applied the data annotations validation attribute.

Enabling client-side validation for a specific view

You can enable client-side validation for a specific view only by adding Html.EnableClientValidation(true) at the top on the view page.

Razor Syntax:

@{

ViewBag.Title = "Edit";

Layout = "~/Views/Shared/\_Layout.cshtml";

Html.EnableClientValidation(true);

}