

Adding Validation

In GuestResponse.cs, add the lines in bold.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.ComponentModel.DataAnnotations;
namespace WebApplication3.Models
{
    public class GuestResponse
    {
        [Required(ErrorMessage = "Please enter your name.")]
        public string Name { get; set; }

        [Required(ErrorMessage = "Please enter your email address.")]
        public string Email { get; set; }

        [Required(ErrorMessage = "Please enter your phone number.")]
        [Phone(ErrorMessage = "Please enter a valid phone number.")]
        public string Phone { get; set; }

        public bool WillAttend { get; set; }
    }
}
```

You can download
GuestResponseValidation.txt
and copy the text.

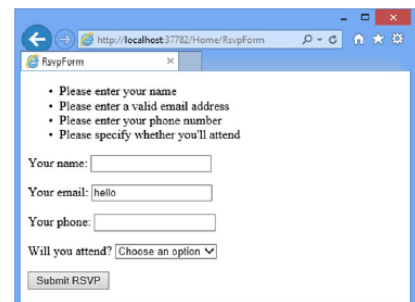
In HomeController.cs, add the lines in bold.

```
[HttpPost]
public ActionResult RsvpForm(GuestResponse guestResponse)
{
    if (ModelState.IsValid)
    {
        return View("Thanks", guestResponse);
    }
    else
    {
        return View();
    }
}
```

In RsvpForm.cshtml, add the lines in bold.

```
@using (Html.BeginForm())
{
    @Html.ValidationSummary()
    ...
}
```

Now run the application.



Let's add some CSS to cause the error messages to display in red.

Right-click PartyInvites, Add > New Folder Call it Content.
Right-click Content, Add > New Item > Style Sheet Call it Styles.css.

The following code goes in Styles.css.

```
.input-validation-error { border: 1px solid #f00; background-color: #fee; }
.validation-summary-errors { font-weight: bold; color: #f00; }
.validation-summary-valid { display: none; }
```

Now we need to link to the style sheet in RsvpForm.cshtml. This is not required but it adds a nice touch.

```
<html>
<head>
    <meta name="viewport" content="width=device-width" />
    <link rel="stylesheet" type="text/css" href="~/Content/Styles.css" />
</head>
```

Now the error messages display in red.

