4_Adding_a_Simple_Article_Editor

-Edit existing articles
-Create new articles

Admin.aspx

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="Admin.aspx.cs" Inherits="MyBlog.Admin" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Admin Home</title>
</head>
<body>
    <form id="form1" runat="server">
        <h1>Admin Home</h1>
        <ul>
            <li><a href="Default.aspx">Home</a></li>
        </ul>
        <div>
            <asp:Button ID="logoutButton" Text="Logout"
OnClick="logoutButton_Click" runat="server" /> |
            <asp:Button ID="createArticle" Text="Create Article"
OnClick="createArticle_Click" runat="server" /> |
            <asp:DropDownList ID="articleList" runat="server"
></asp:DropDownList>
            <asp:Button ID="editArticleButton" Text="Edit Article"
OnClick="editArticleButton_Click"runat="server" />
            |
        </div>
    </form>
</body>
</html>
```

```csharp
namespace MyBlog
{
    public partial class Admin : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e) {
            //Boot out if not logged in.
            if(!User.Identity.IsAuthenticated) {
FormsAuthentication.RedirectToLoginPage(); }
            ArticleManager.Initialize();
            var articles = ArticleManager.GetArticleIdsAndTitles();
            foreach (var article in articles)
            {
                articleList.Items.Add(new ListItem(article.Title,
article.Id.ToString()));
            }
        }
        protected void logoutButton_Click(object sender, EventArgs e)
        {
            FormsAuthentication.SignOut();
            Session.Abandon();
            FormsAuthentication.RedirectToLoginPage();
        }

        protected void createArticle_Click(object sender, EventArgs e)
        {
            Response.Redirect("EditArticle.aspx");
        }

        protected void editArticleButton_Click(object sender, EventArgs e)
        {
            Response.Redirect("EditArticle.aspx?articleId=" +
articleList.SelectedValue.ToString());
        }
    }
```
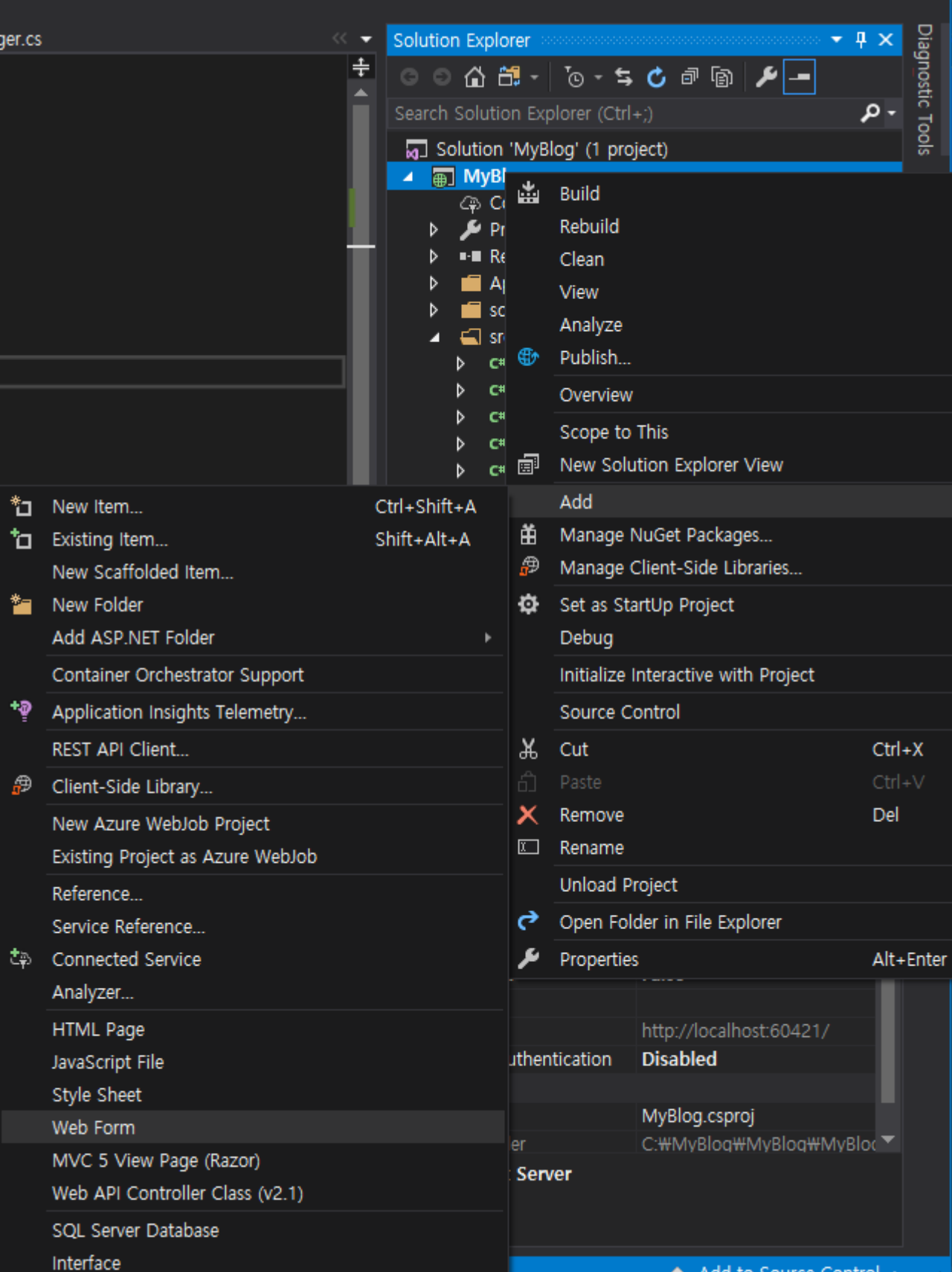
```
1    <%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Admin.aspx.cs" Inherits="MyBl▾
2
3    <!DOCTYPE html>
4
5  ⊟<html xmlns="http://www.w3.org/1999/xhtml">
6  ⊟<head runat="server">
7        <title>Admin Home</title>
8        <link type="text/css" rel="stylesheet" href="main.css" />
9    </head>
10 ⊟<body>
11 ⊟    <form id="form1" runat="server">
12         <h1>Admin Home</h1>
13 ⊟       <ul>
14             <li><a href="Default.aspx">Home</a></li>
15         </ul>
```

```
1    <%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Login.aspx.cs
2
3    <!DOCTYPE html>
4
5    <html xmlns="http://www.w3.org/1999/xhtml">
6    <head runat="server">
7        <title>Login</title>
8        <link type="text/css" rel="stylesheet" href="main.css" />
9    </head>
10   <body>
11       <h1>Login</h1>
```

ger.cs

Search Solution Explorer (Ctrl+;)

Solution 'MyBlog' (1 project)

MyBl

Cc

Pr   Build
Re   Rebuild
A   Clean
sc   View
sr   Analyze

C#   Publish...

C#   Overview

C#   Scope to This

C#   New Solution Explorer View

C#   Add

	New Item...	Ctrl+Shift+A		Manage NuGet Packages...
	Existing Item...	Shift+Alt+A		Manage Client-Side Libraries...
	New Scaffolded Item...			Set as StartUp Project
	New Folder			Debug
	Add ASP.NET Folder	▶		Initialize Interactive with Project
	Container Orchestrator Support			Source Control
	Application Insights Telemetry...			Cut Ctrl+X
	REST API Client...			Paste Ctrl+V
	Client-Side Library...			Remove Del
	New Azure WebJob Project			Rename
	Existing Project as Azure WebJob			Unload Project
	Reference...			Open Folder in File Explorer
	Service Reference...			Properties Alt+Enter
	Connected Service			
	Analyzer...			

HTML Page

JavaScript File   http://localhost:60421/

Style Sheet   uthentication **Disabled**

Web Form

MVC 5 View Page (Razor)   MyBlog.csproj

Web API Controller Class (v2.1)   er C:\MyBlog\MyBlog\MyBloc

SQL Server Database   **Server**

Interface

EditArticle.aspx

```aspx
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="EditArticle.aspx.cs"
Inherits="MyBlog.EditArticle" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Edit Article</title>
    <lint type="text/css" rel="stylesheet" href="main.css" />
    <lint type="text/css" rel="stylesheet" href="admin.css" />
</head>
<body>
    <form id="form1" runat="server">
        <h1>Edit Article</h1>
        <ul>
            <li><a href="Default.aspx">Home</a></li>
            <li><a href="Admin.aspx">Admin Home</a></li>
        </ul>
        <div>
            <asp:TextBox ID="title" runat="server" CssClass="titleBox">Title</asp:TextBox><br />
            <asp:TextBox ID="content" TextMode="MultiLine" runat="server">
                Article content goes here.
            </asp:TextBox><br />
            <asp:Button ID="saveButton" runat="server" Text="Save" OnClick="saveButton_Click"/>
            <asp:HiddenField ID="articleIdField" Value="" runat="server"/>
        </div>
    </form>
</body>
</html>
```

```csharp
namespace MyBlog
{                                                                    EditArticle.aspx.cs
    public partial class EditArticle : System.Web.UI.Page    {
        private bool _create = false;
        protected void Page_Load(object sender, EventArgs e)        {
            if(IsPostBack)        {
                return;
            }
            string articleId = Request.QueryString["articleId"];
            if(string.IsNullOrEmpty(articleId)) {
                //New article.
                _create = true;
                saveButton.Text = "Create";
            }else         {
                //edit an existing article.
                if(int.TryParse(articleId, out int id))            {
                    ArticleInfo article = ArticleManager.GetArticleById(id, false);
                    title.Text = article.Title;
                    content.Text = article.Content;
                    articleIdField.Value = article.Id.ToString();
                }
            }
        }
        protected void saveButton_Click(object sender, EventArgs e)      {
            _create = string.IsNullOrEmpty(articleIdField?.Value);
            if(_create)          {
                int newid = ArticleManager.CreateArticle(title.Text, content.Text);
                Response.Redirect("EditArticle.aspx?articleId=" + newid.ToString());
            }else          {
                if(int.TryParse(articleIdField?.Value, out int articleId))            {
                    ArticleManager.UpdateArticle(new ArticleInfo(articleId, title.Text, content.Text));
                    Response.Redirect("EditArticle.aspx?articleId=" + articleIdField?.Value.ToString());
                }
                else            {
                    throw new Exception("Unable to parse article id");
                }
            }
        }
    }
}}
```

```css
textarea {
    width:90%;
    min-height:300px;
}
.titleBox {
    width:90%;
    fot-size:24pt;
}
```