Razvoj aplikacija u ASP.NET-u

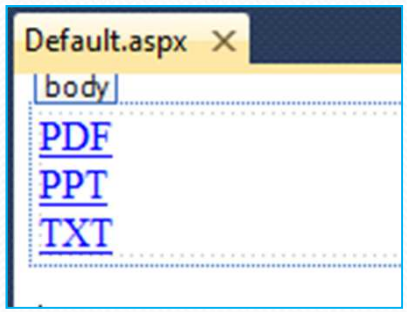
Preuzimanje datoteka

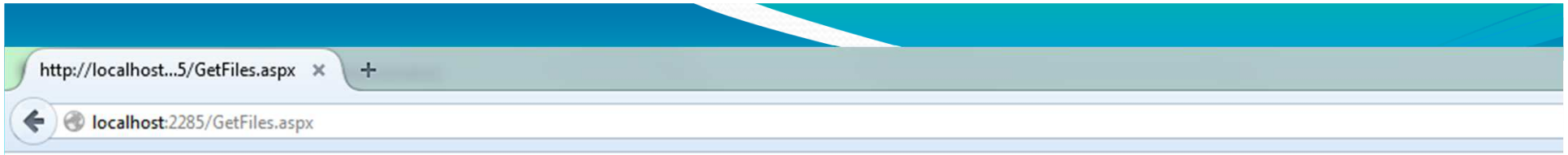
Primjer 1

ASP.NET aplikacija za preuzimanje jedne od tri datoteke (PDF, PPT i TXT) koristeći HyperLink kontrole

Primjer 1 (2)

```
<asp:HyperLink ID="HyperLinkPdf" runat="server"
    NavigateUrl="~/files/ASP.NET_1415_Uvod.pdf">PDF</asp:HyperLink>
<br />
<asp:HyperLink ID="HyperLinkPpt" runat="server"
    NavigateUrl="~/files/01 - ASP.NET_1415_Uvod.ppt">PPT</asp:HyperLink>
<br />
<asp:HyperLink ID="HyperLinkTxt" runat="server"
    NavigateUrl="~/files/ASP.txt">TXT</asp:HyperLink>
```



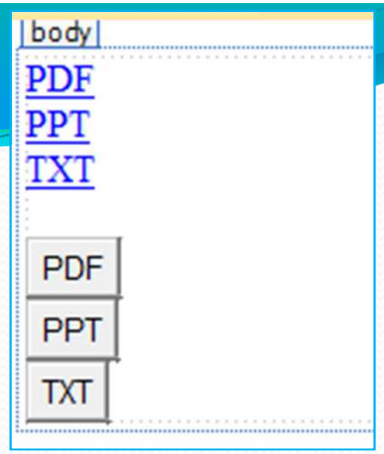

http://localhost...5/GetFiles.aspx
localhost:2285/GetFiles.aspx

PDF
PPT
TXT

Primjer 2

Nadopuna ASP.NET aplikacije iz prethodnog primjera s tri kontrole Button za preuzimanje datoteka

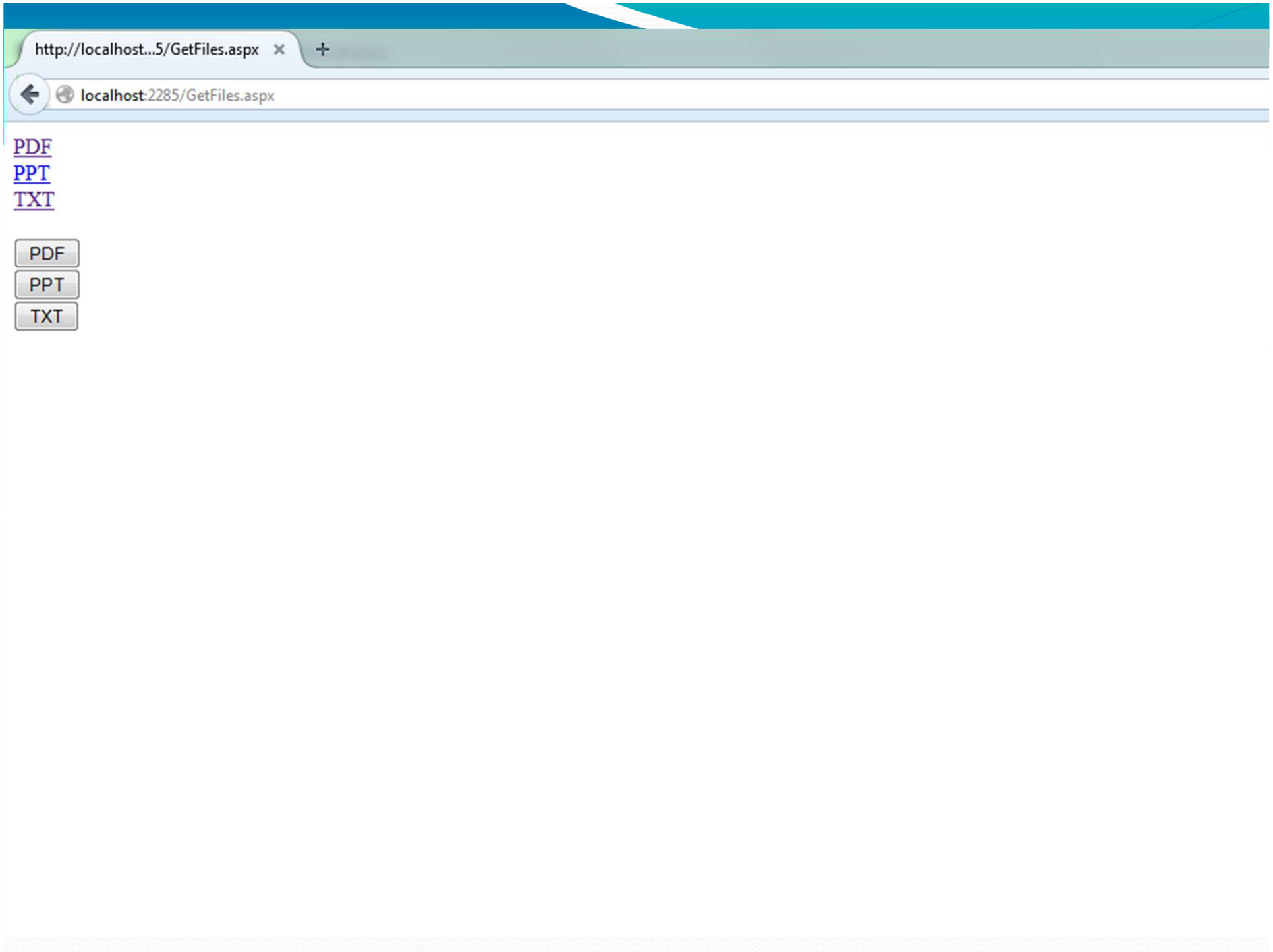
Primjer 2 (2)




```
<asp:HyperLink ID="HyperLinkPdf" runat="server"
    NavigateUrl="~/files/ASP.NET_1415_Uvod.pdf">PDF</asp:HyperLink>
<br />
<asp:HyperLink ID="HyperLinkPpt" runat="server"
    NavigateUrl="~/files/01 - ASP.NET_1415_Uvod.ppt">PPT</asp:HyperLink>
<br />
<asp:HyperLink ID="HyperLinkTxt" runat="server"
    NavigateUrl="~/files/ASP.txt">TXT</asp:HyperLink>
<br />
<br />
<asp:Button ID="ButtonPdf" runat="server" OnClick="ButtonPdf_Click" Text="PDF"/>
<br />
<asp:Button ID="ButtonPpt" runat="server" OnClick="ButtonPpt_Click" Text="PPT"/>
<br />
<asp:Button ID="ButtonTxt" runat="server" OnClick="ButtonTxt_Click" Text="TXT"/>
```

Primjer 2 (3)

```
protected void Page_Load(object sender, EventArgs e)
{

}

protected void ButtonPdf_Click(object sender, EventArgs e)
{
    Response.Redirect("~/files/ASP.NET_1415_Uvod.pdf");
}

protected void ButtonPpt_Click(object sender, EventArgs e)
{
    Response.Redirect("~/files/01 - ASP.NET_1415_Uvod.ppt");
}

protected void ButtonTxt_Click(object sender, EventArgs e)
{
    Response.Redirect("~/files/ASP.txt");
}
```


http://localhost...5/GetFiles.aspx
localhost:2285/GetFiles.aspx
PDF
PPT
TXT
PDF
PPT
TXT

Primjer 3

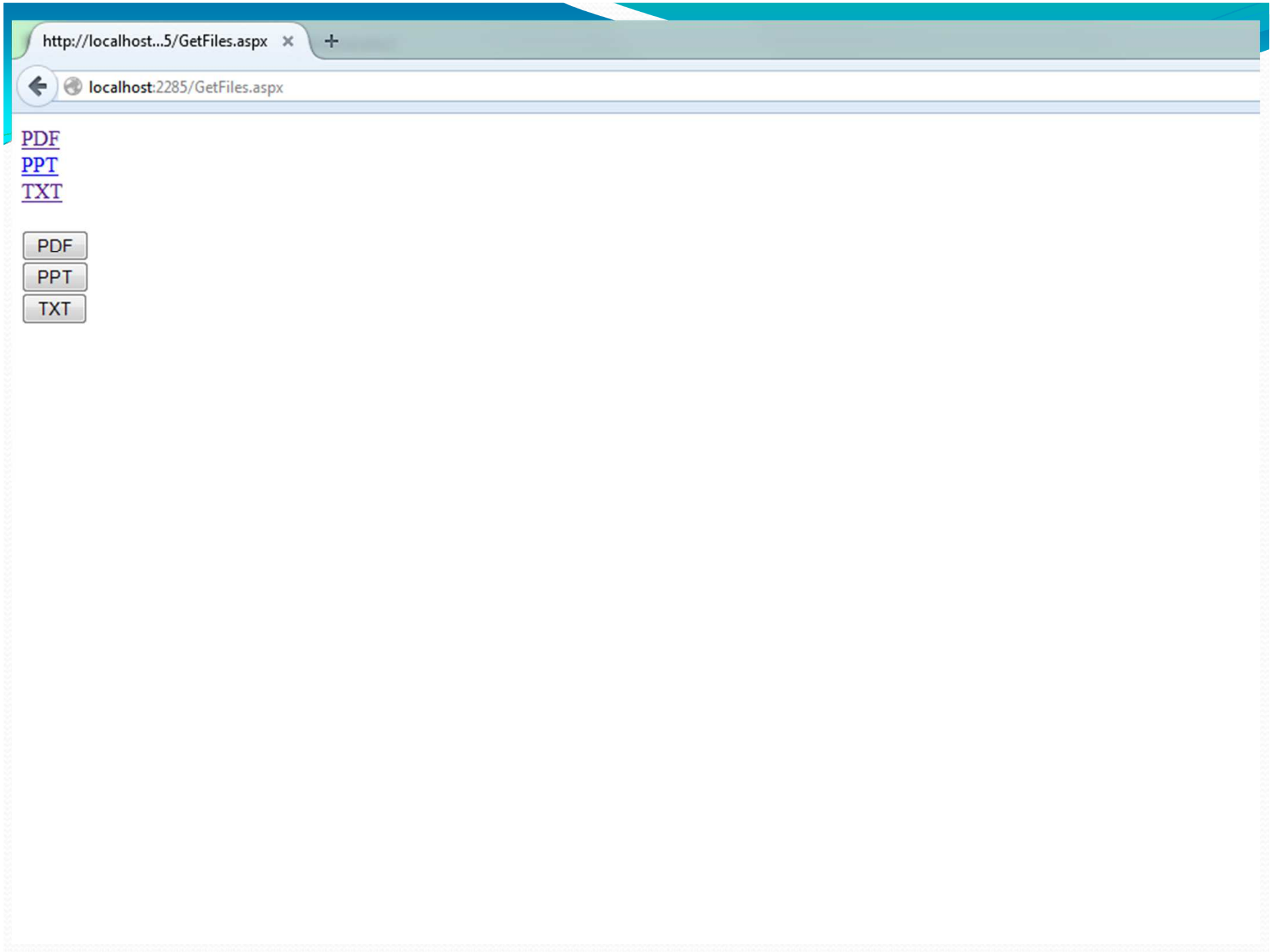
Izmjena ASP.NET aplikacije iz prethodnog primjera na način da sva tri objekta klase Button pozivaju istu metodu na događaj *Click*

Primjer 3 (2)

```
<asp:HyperLink ID="HyperLinkPdf" runat="server"
    NavigateUrl="~/files/ASP.NET_1415_Uvod.pdf">PDF</asp:HyperLink>
<br />
<asp:HyperLink ID="HyperLinkPpt" runat="server"
    NavigateUrl="~/files/01 - ASP.NET_1415_Uvod.ppt">PPT</asp:HyperLink>
<br />
<asp:HyperLink ID="HyperLinkTxt" runat="server"
    NavigateUrl="~/files/ASP.txt">TXT</asp:HyperLink>
<br />
<br />
<asp:Button ID="ButtonPdf" runat="server" OnClick="ButtonClick" Text="PDF" />
<br />
<asp:Button ID="ButtonPpt" runat="server" OnClick="ButtonClick" Text="PPT" />
<br />
<asp:Button ID="ButtonTxt" runat="server" OnClick="ButtonClick" Text="TXT" />
```

Primjer 3 (3)

```
protected void Page_Load(object sender, EventArgs e)
{

}

protected void ButtonClick(object sender, EventArgs e)
{
    string file = string.Empty;
    switch (((Button)sender).Text)
    {
        case "PDF":
            file = "~/files/ASP.NET_1415_Uvod.pdf";
            break;
        case "PPT":
            file = "~/files/01 - ASP.NET_1415_Uvod.ppt";
            break;
        case "TXT":
            file = "~/files/ASP.txt";
            break;
    }
    Response.Redirect(file);
}
```


http://localhost...5/GetFiles.aspx
localhost:2285/GetFiles.aspx
PDF
PPT
TXT
PDF
PPT
TXT

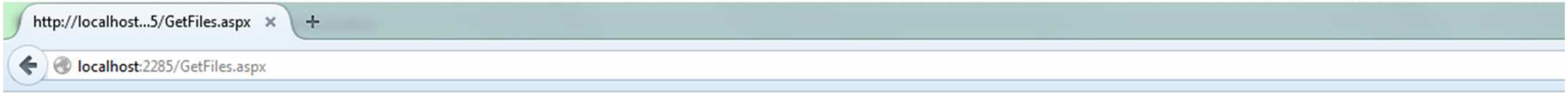
Primjer 4

Izmjena ASP.NET aplikacije iz prethodnog primjera izmjenom metode *ButtonClick* na način da se ponudi preuzimanje datoteke umjesto otvaranja iste unutar internet preglednika

Primjer 4 (2)

```
protected void ButtonClick(object sender, EventArgs e)
{
    string file = string.Empty;
    switch (((Button)sender).Text)
    {
        case "PDF":
            file = "ASP.NET_1415_Uvod.pdf";
            break;
        case "PPT":
            file = "01 - ASP.NET_1415_Uvod.ppt";
            break;
        case "TXT":
            file = "ASP.txt";
            break;
    }
    Response.ContentType = "application/octet-stream";
    Response.AppendHeader("Content-Disposition", "attachment;filename=\"" +
                                                          file + "\"");
    Response.TransmitFile(Server.MapPath("~/files") + "\\" + file);
    //Response.TransmitFile("~/files/" + file);
    Response.End();
}
```

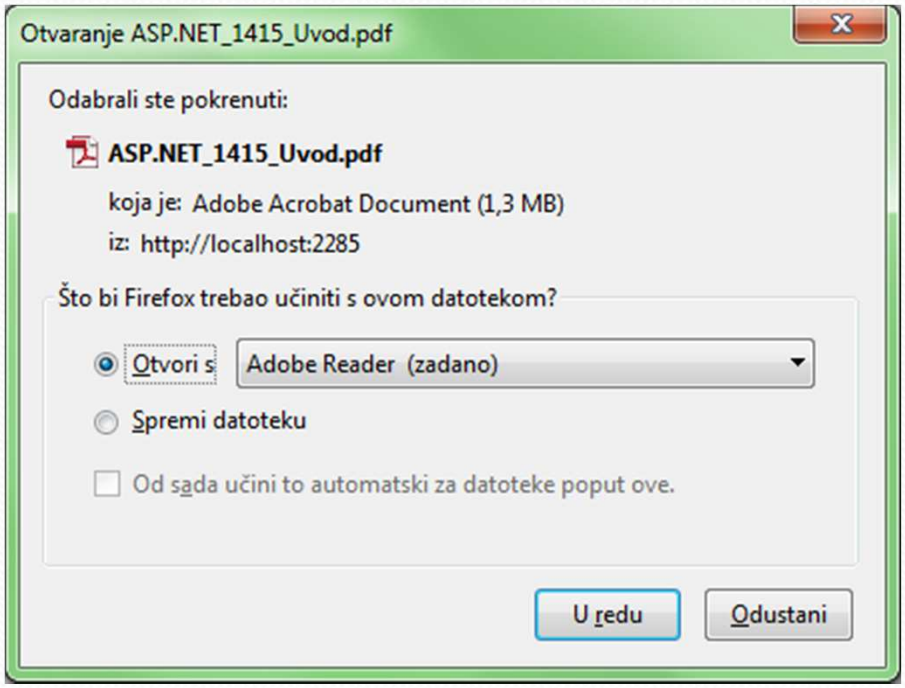
Primjer 4 (3)



PDF
PPT
TXT

PDF
PPT
TXT

Primjer 4 (4)


Otvaranje ASP.NET_1415_Uvod.pdf
Odabrali ste pokrenuti:
ASP.NET_1415_Uvod.pdf
koja je: Adobe Acrobat Document (1,3 MB)
iz: http://localhost:2285
Što bi Firefox trebao učiniti s ovom datotekom?
Otvori s
Adobe Reader (zadano)
Spremi datoteku
Od sada učini to automatski za datoteke poput ove.
U redu
Odustani

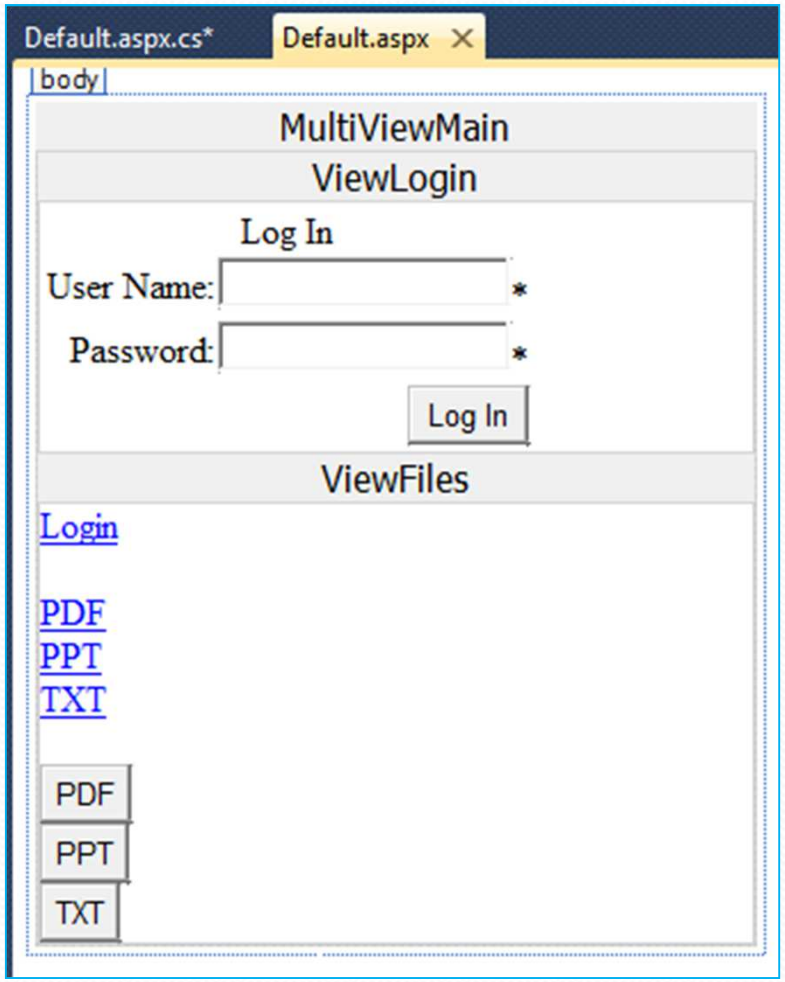
Primjer 5

Nadopuna ASP.NET aplikacije dodavanjem kontrola (Login, LoginStatus i MultiView) i metoda za prijavljivanje u ASP.NET aplikaciju

Primjer 5 (2)

```
<asp:MultiView ID="MultiViewMain" runat="server" ActiveViewIndex="0">

    <asp:View ID="ViewLogin" runat="server">
        <asp:Login ID="LoginKorisnik" runat="server" DestinationPageUrl="~/Default.aspx"
            DisplayRememberMe="False" onauthenticate="LoginKorisnik_Authenticate">
        </asp:Login>
    </asp:View>

    <asp:View ID="ViewFiles" runat="server">
        <asp:LoginStatus ID="LoginStatus1" runat="server" LogoutAction="Redirect"
            LogoutPageUrl="~/Default.aspx" />
        <br />
        <br />
        <asp:HyperLink ID="HyperLinkPdf" runat="server"
            NavigateUrl="~/files/ASP.NET_1415_Uvod.pdf">PDF</asp:HyperLink>
        <br />
        <asp:HyperLink ID="HyperLinkPpt" runat="server"
            NavigateUrl="~/files/01 - ASP.NET_1415_Uvod.ppt">PPT</asp:HyperLink>
        <br />
        <asp:HyperLink ID="HyperLinkTxt" runat="server"
            NavigateUrl="~/files/ASP.txt">TXT</asp:HyperLink>
        <br />
        <br />
        <asp:Button ID="ButtonPdf" runat="server" onclick="ButtonClick" Text="PDF" />
        <br />
        <asp:Button ID="ButtonPpt" runat="server" onclick="ButtonClick" Text="PPT" />
        <br />
        <asp:Button ID="ButtonTxt" runat="server" onclick="ButtonClick" Text="TXT" />
    </asp:View>

</asp:MultiView>
```

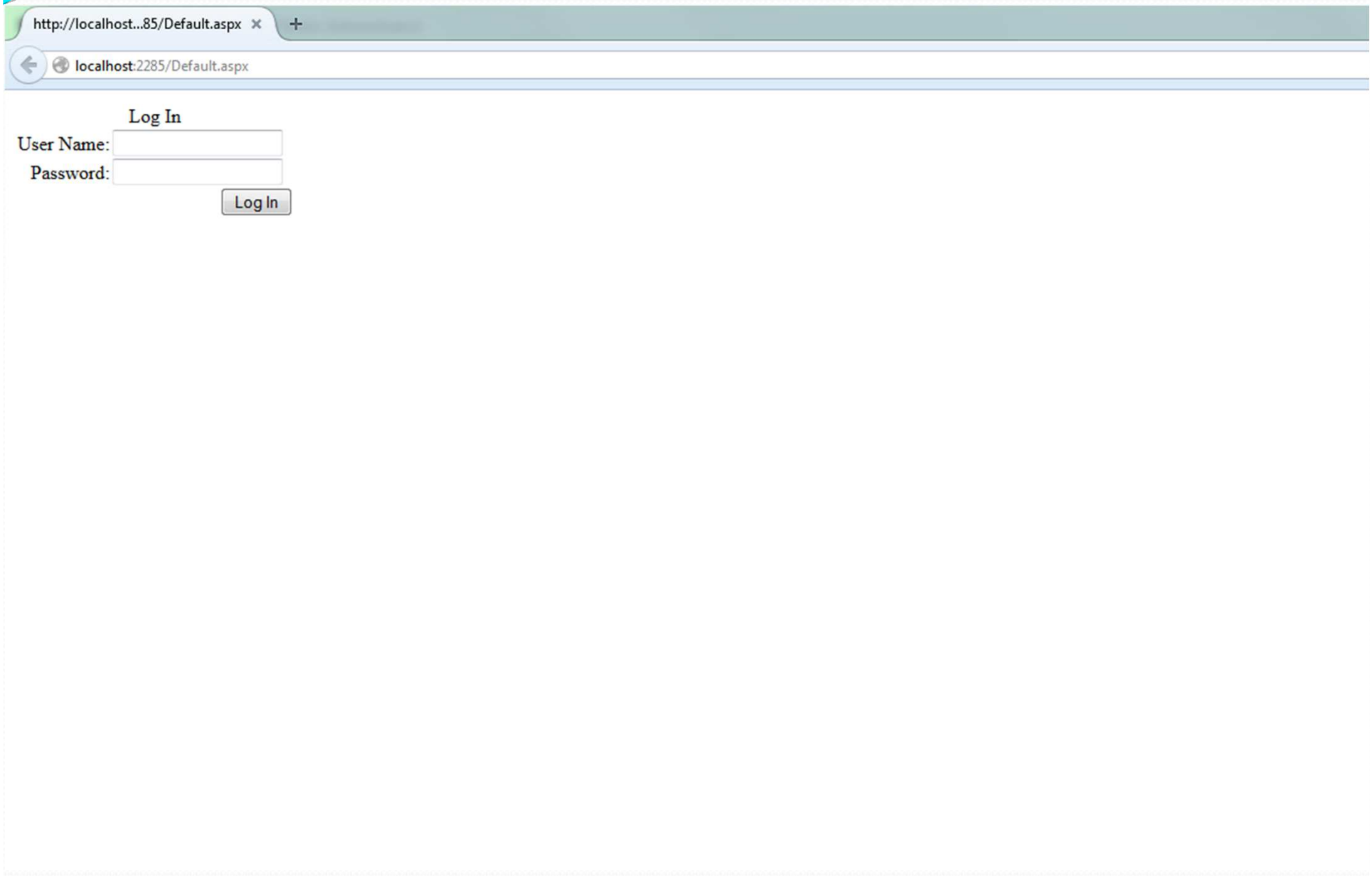
Primjer 5 (3)


Default.aspx.cs*
Default.aspx
body
MultiViewMain
ViewLogin
Log In
User Name:
Password:
Log In
ViewFiles
Login
PDF
PPT
TXT
PDF
PPT
TXT

Primjer 5 (4)

```
protected void Page_Load(object sender, EventArgs e)
{
    if (User.Identity.IsAuthenticated == true) this.MultiViewMain.ActiveViewIndex = 1;
    else this.MultiViewMain.ActiveViewIndex = 0;
}

protected void LoginKorisnik_Authenticate(object sender, AuthenticateEventArgs e)
{
    if (this.LoginKorisnik.UserName == "abc" && this.LoginKorisnik.Password == "123") e.Authenticated = true;
    else e.Authenticated = false;
}

protected void ButtonClick(object sender, EventArgs e)
{
    string file = string.Empty;
    switch (((Button)sender).Text)
    {
```

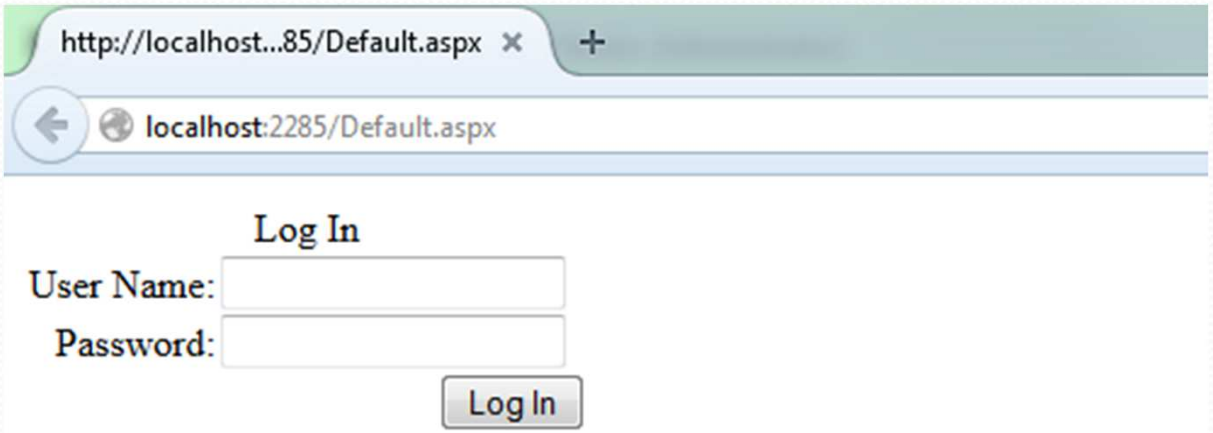
Primjer 5 (5)


http://localhost...85/Default.aspx
localhost:2285/Default.aspx
Log In
User Name:
Password:
Log In

Primjer 6

Kako spriječiti preuzimanje datoteke ukoliko korisnik nije prijavljen?

Primjer 6 (2)


http://localhost...85/Default.aspx
localhost:2285/Default.aspx
Log In
User Name:
Password:
Log In

Primjer 6 (3)

Kako spriječiti preuzimanje datoteke ukoliko korisnik nije prijavljen?

Ispravno postavljenim postavkama u konfiguracijskoj datoteci *web.config*.

Primjer 6 (4)

```
<authentication mode="Forms">
  <forms loginUrl="Default.aspx" defaultUrl="Default.aspx" />
</authentication>
<authorization>
  <deny users="?" />
</authorization>
```

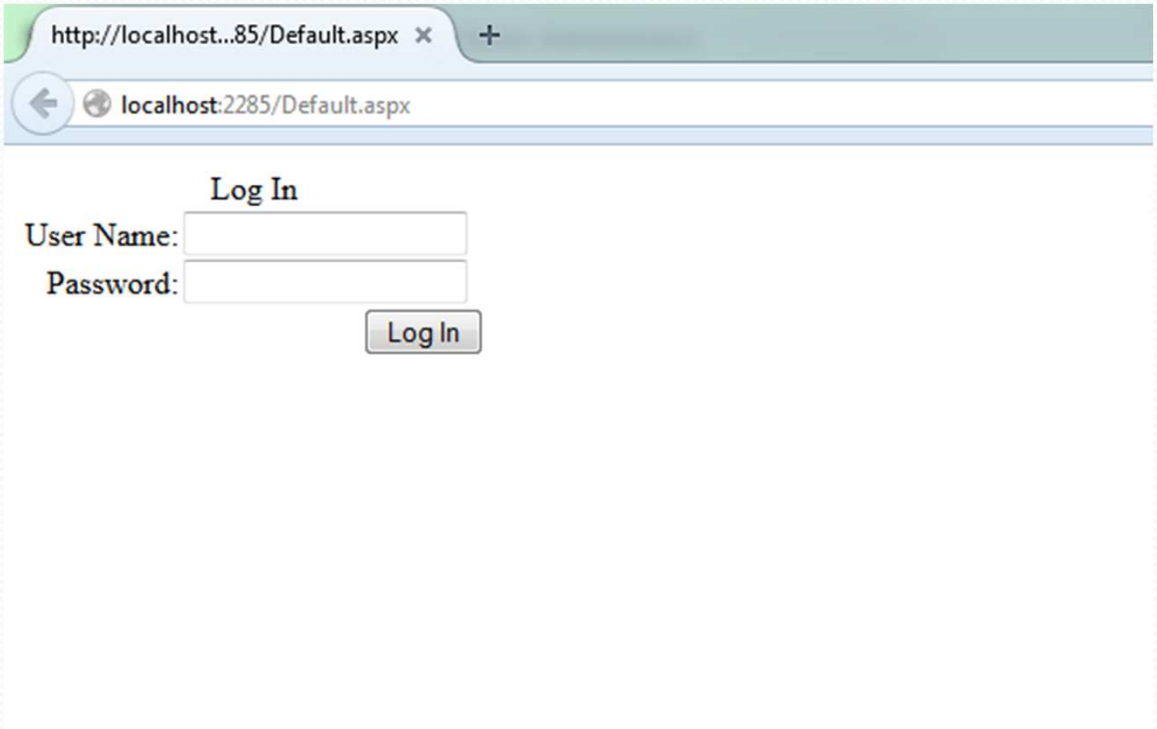
Primjer 6 (5)

```
  </httpModules>
</system.web>

<location path="files">
  <system.web>
    <authorization>
      <deny users="?"/>
    </authorization>
  </system.web>
</location>

<system.codedom>
  <compilers>
```

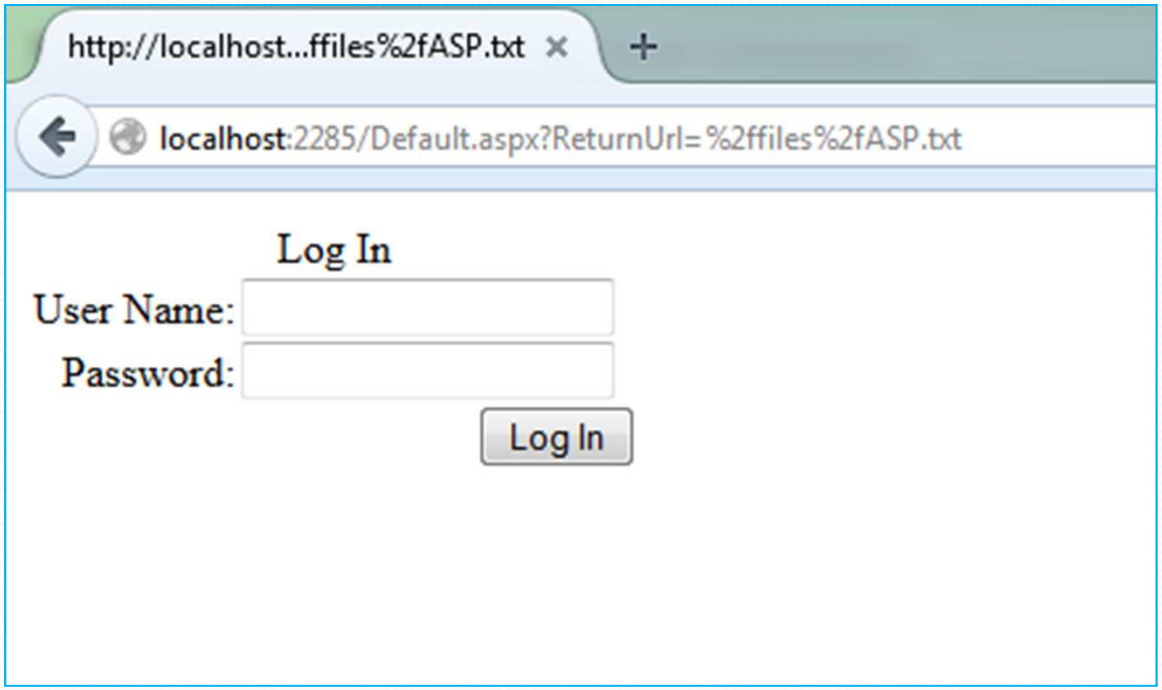
Primjer 6 (6)

```
<system.webServer>
  <validation validateIntegratedModeConfiguration="false"/>

  <modules runAllManagedModulesForAllRequests="true">
    <remove name="ScriptModule"/>
    <add name="ScriptModule" preCondition="managedHandler" type="System.W
  </modules>
```

Primjer 6 (7)


http://localhost...85/Default.aspx
localhost:2285/Default.aspx
Log In
User Name:
Password:
Log In

Primjer 6 (8)



http://localhost:2285/Default.aspx?ReturnUrl=%2ffiles%2fASP.txt

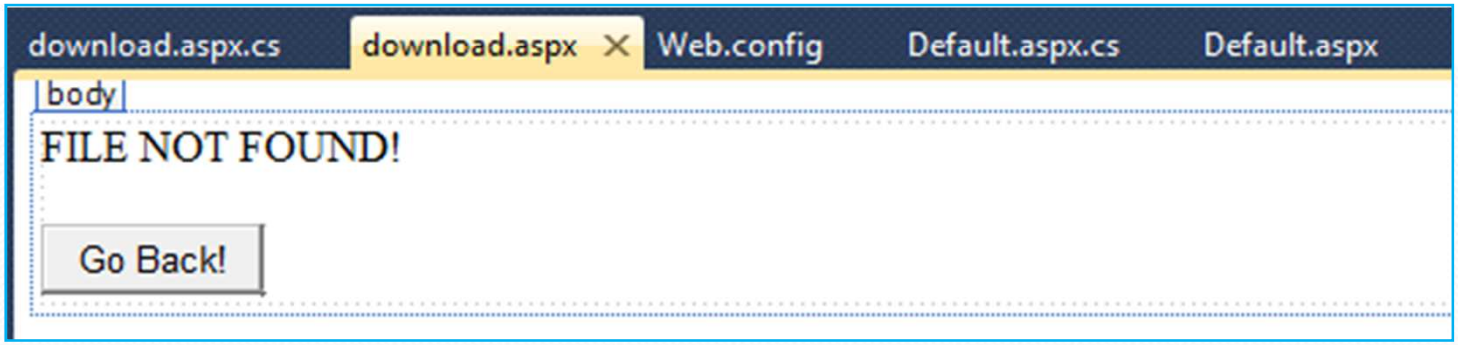
/files/ASP.txt

Primjer 7

Izmjena ASP.NET aplikacije iz prethodnog primjera na način da HyperLink kontrole ne prikazuju (skrivaju) putanju do datoteke koristeći još jednu dodatnu stranicu (web formu) i URL parametre

Primjer 7 (2) – download.aspx

```
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
    <div>
        FILE NOT FOUND!
        <br />
        <br />
        <input id="ButtonBack" type="button" value="Go Back!" onclick="history.back();"/>
    </div>
</form>
</body>
```



Primjer 7 (3) – download.aspx

```
protected void Page_Load(object sender, EventArgs e)
{
    if (User.Identity.IsAuthenticated == true)
    {
        int id;
        string file = string.Empty;
        int.TryParse(Request.QueryString["id"], out id);
        if (id > 0 && id < 4)
        {
            switch (id)
            {
                case 1:
                    file = "ASP.NET_1415_Uvod.pdf";
                    break;
                case 2:
                    file = "01 - ASP.NET_1415_Uvod.ppt";
                    break;
                case 3:
                    file = "ASP.txt";
                    break;
            }
            Response.ContentType = "application/octet-stream";
            Response.AppendHeader("Content-Disposition", "attachment;filename=\"" + file + "\"");
            Response.TransmitFile(Server.MapPath("~/files") + "\\" + file);
            //zbog zabrane pristupa u web.config datoteci sljedeća naredba se više ne može koristiti
            //Response.TransmitFile("~/files/" + file);
            Response.End();
        }
    }
}
```

Primjer 7 (4) – Default.aspx

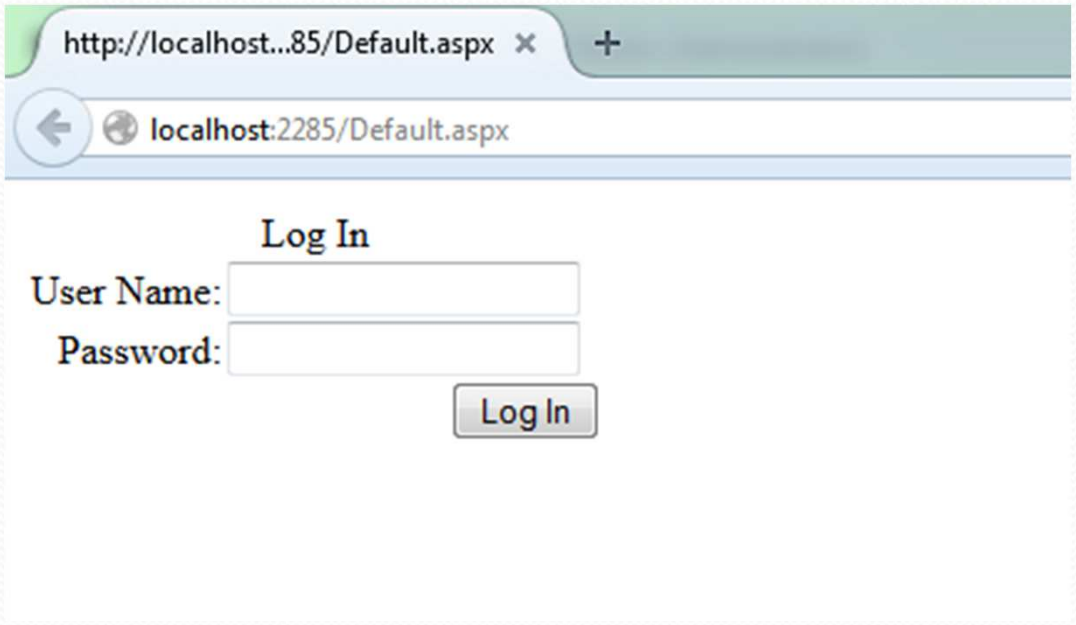
```
protected void ButtonClick(object sender, EventArgs e)
{
    string file = string.Empty;
    switch (((Button)sender).Text)
    {
        case "PDF":
            file = "ASP.NET_1415_Uvod.pdf";
            break;
        case "PPT":
            file = "01 - ASP.NET_1415_Uvod.ppt";
            break;
        case "TXT":
            file = "ASP.txt";
            break;
    }
    Response.ContentType = "application/octet-stream";
    Response.AppendHeader("Content-Disposition", "attachment;filename=\"" +
                                                          file + "\"");
    Response.TransmitFile(Server.MapPath("~/files") + "\\" + file);
    //Response.TransmitFile("~/files/" + file);
    Response.End();
}
```

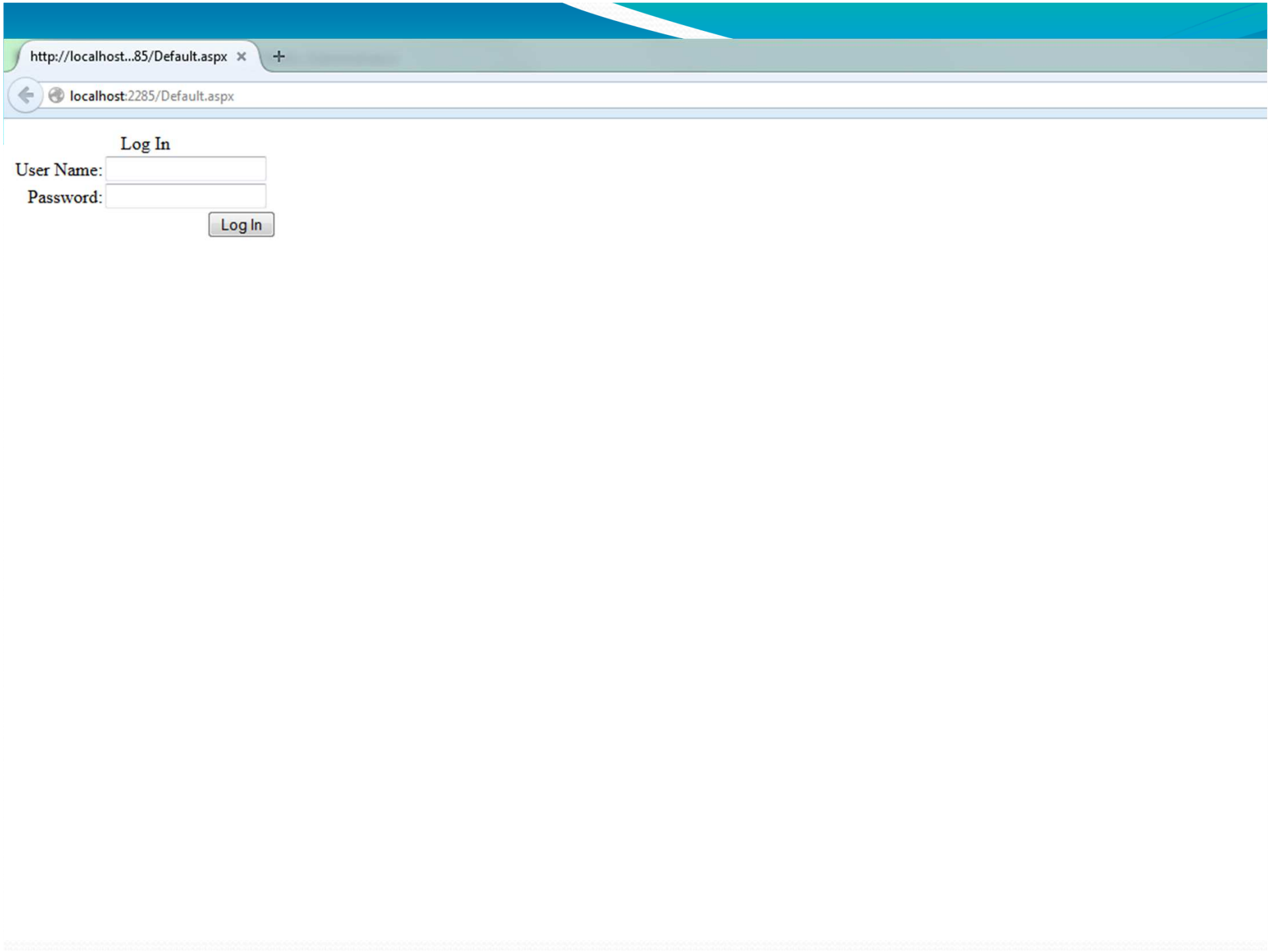
Primjer 7 (5) – Default.aspx

```
<asp:HyperLink ID="HyperLinkPdf" runat="server"
    NavigateUrl="~/download.aspx?id=1">PDF</asp:HyperLink>
<br />
<asp:HyperLink ID="HyperLinkPpt" runat="server"
    NavigateUrl="~/download.aspx?id=2">PPT</asp:HyperLink>
<br />
<asp:HyperLink ID="HyperLinkTxt" runat="server"
    NavigateUrl="~/download.aspx?id=3">TXT</asp:HyperLink>
```

Primjer 7 (6)

Može li se pristupiti stranici *download.aspx* bez prijavljivanja u ASP.NET aplikaciju?

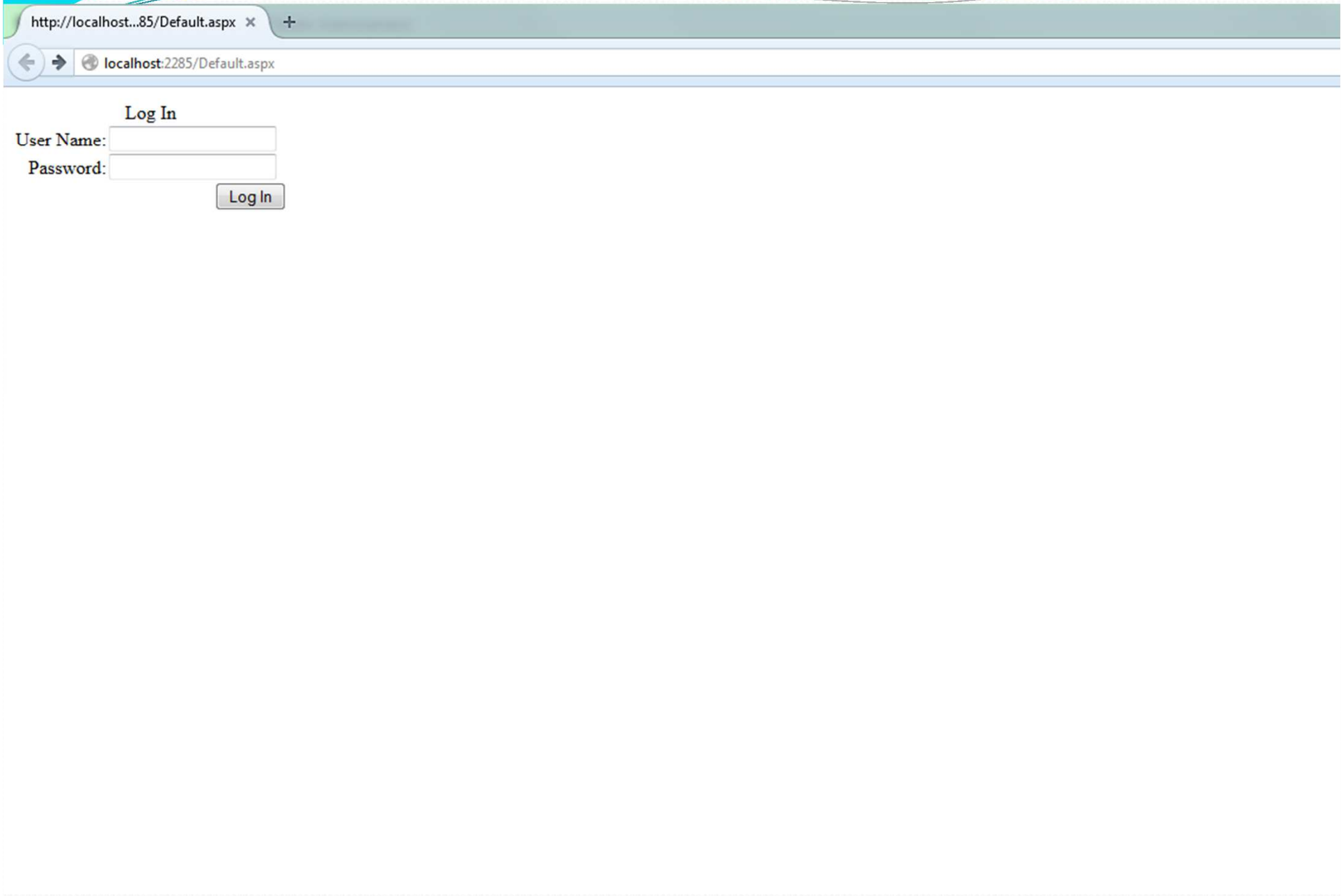



http://localhost...85/Default.aspx
localhost:2285/Default.aspx
Log In
User Name:
Password:
Log In

Primjer 7 (8)

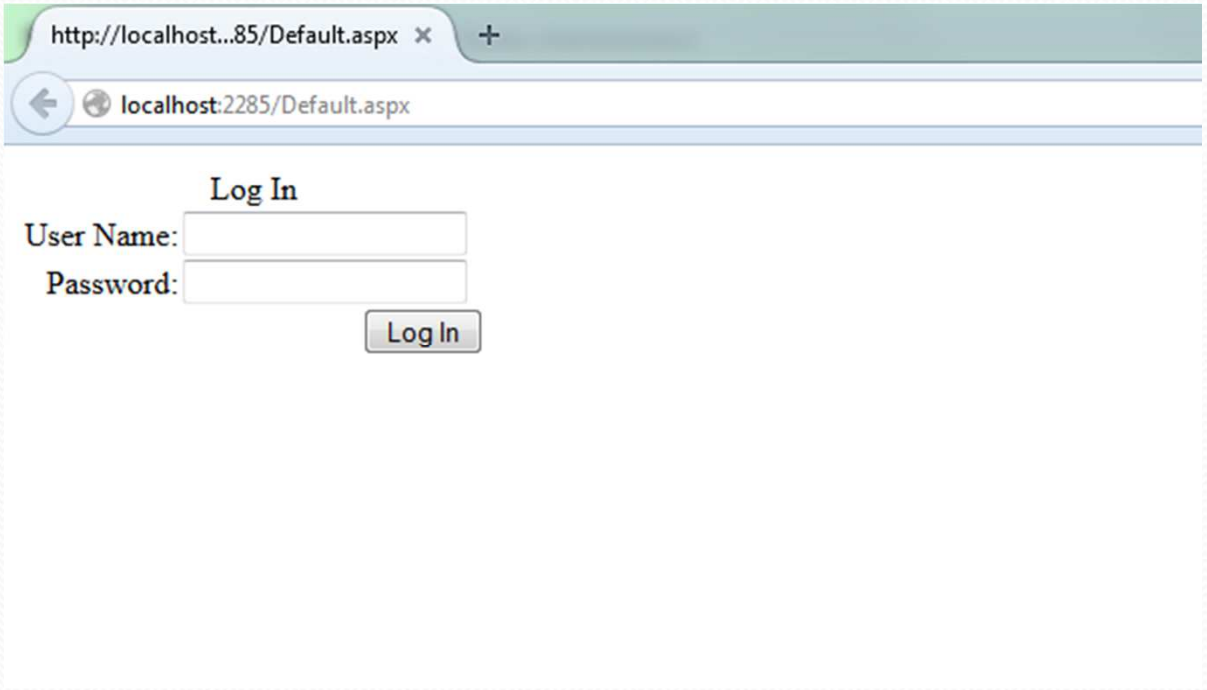
Što se događa ukoliko se nakon prijavljivanja u ASP.NET aplikaciju ručno upiše URL adresa s parametrima?

Primjer 7 (9)


http://localhost...85/Default.aspx
localhost:2285/Default.aspx
Log In
User Name:
Password:
Log In

Primjer 7 (10)

Ručno upisivanje URL adrese s parametrima i naknadnim prijavljivanjem u ASP.NET aplikaciju



Zaključak

Pitanja?

Hvala na pažnji