

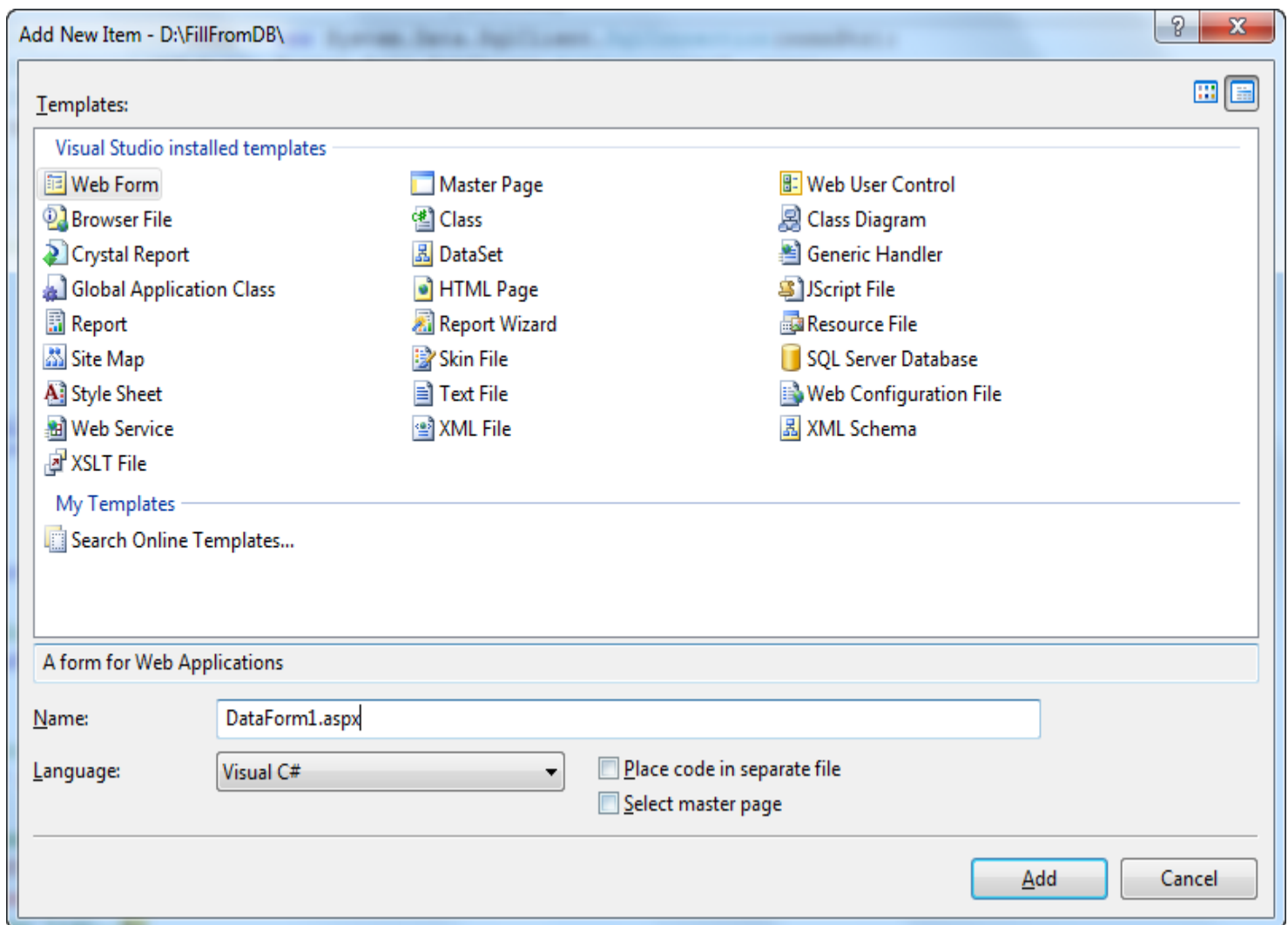
Connecting an ASP.NET-form to a database

Connecting an ASP.NET form created with ExcelEverywhere to a database is very easy. We will do it in 3 steps:

1. [Calculate and save the form contents into a database.](#)
2. [Retrieve previous entered data from the database, show it in the form and let the user edit it and recalculated and save it again](#)
3. Show all submitted entries so that we can click on them to edit them.

Part 3: Show all entries in a clickable list

We use the GridView control to display the list of all entries. So add a new page in the Website as below & remember to select "Visual C#" as the language.



Now paste the following code in between the "<div>" tags

```
<!--Button to bind & display the list --%>  
<asp:Button ID="btnLoad" runat="server" OnClick="btnLoad_Click" Text="Load" />  
<br />  
<br />  
<!--Gridview control to display in the list--%>
```

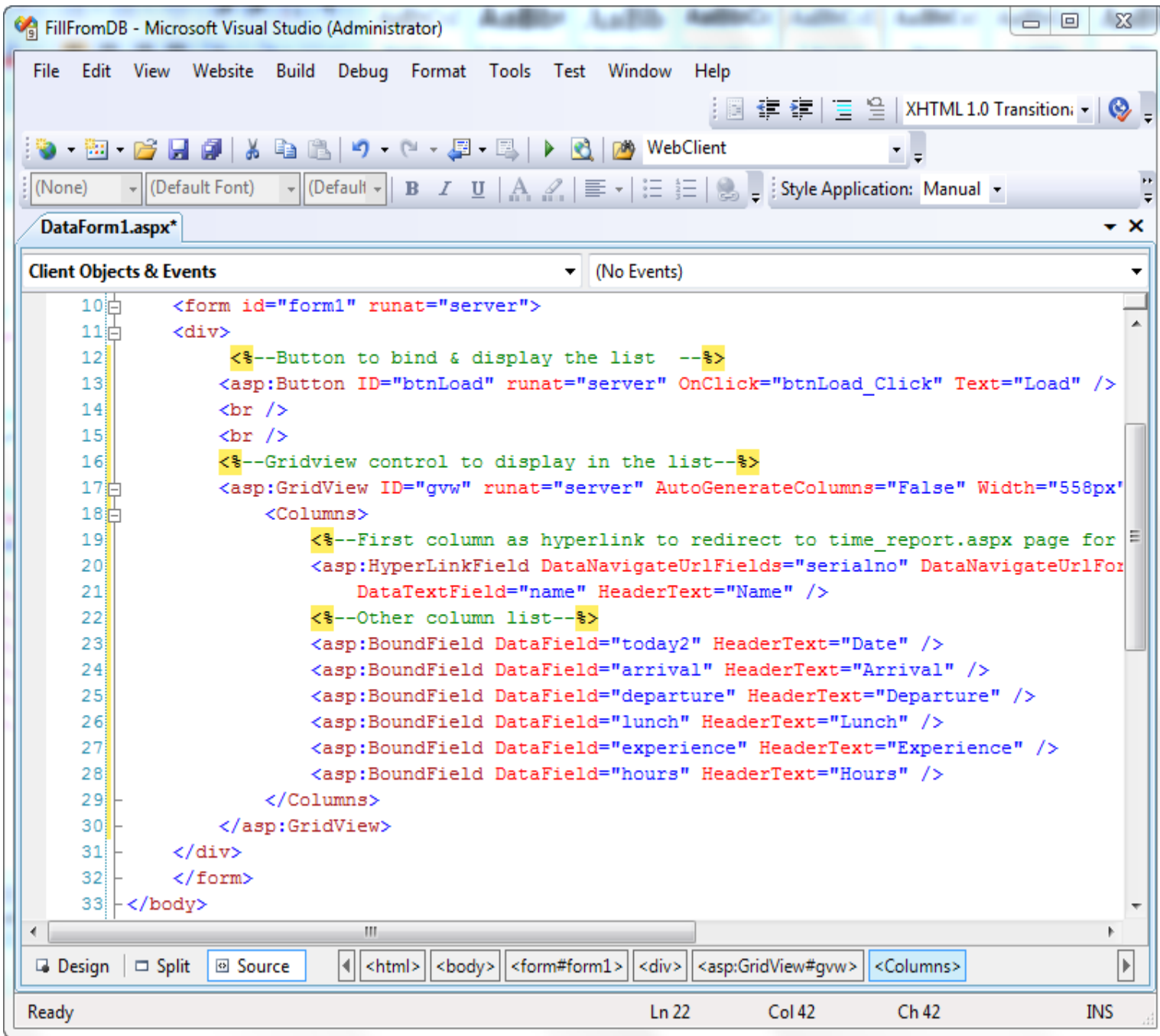
```

    <asp:GridView ID="gvw" runat="server" AutoGenerateColumns="False" Width="558px">
      <Columns>
        <%--First column as hyperlink to redirect to time_report.aspx page for
editing--%>
          <asp:HyperLinkField DataNavigateUrlFields="serialno"
DataNavigateUrlFormatString="time_report.aspx?serialno={0}"
DataTextField="name" HeaderText="Name" />
        <%--Other column list--%>
          <asp:BoundField DataField="today2" HeaderText="Date" />
          <asp:BoundField DataField="arrival" HeaderText="Arrival" />
          <asp:BoundField DataField="departure" HeaderText="Departure" />
          <asp:BoundField DataField="lunch" HeaderText="Lunch" />
          <asp:BoundField DataField="experience" HeaderText="Experience" />
          <asp:BoundField DataField="hours" HeaderText="Hours" />
        </Columns>
      </asp:GridView>

```

as below. We have added a Button control & GridView control. GridView control displays the list in the tabular(grid) form. Different columns are defined in the GridView column.

First column is of type `asp:HyperLinkField` so as to display the entry in the clickable form for display the entered record. Other is of type `asp:BoundField`.



Now paste following server side(c#) code to display in the GridView just before "<html>" tag:

```

<script runat="server">
    // remember to change the connection string with appropriate values
    string connStr = "Server=<Server>;Database=<Database>;uid=<Username>;pwd=<Password>";

    // Button click handler
    protected void btnLoad_Click(object sender, EventArgs e)
    {
        Load();
    }

    // Method to display data
    void Load()
    {
        string sql = "select * from arrival";
    }

```

```
        System.Data.SqlClient.SqlConnection conn = new
System.Data.SqlClient.SqlConnection(connStr);
        System.Data.SqlClient.SqlCommand cmd = new System.Data.SqlClient.SqlCommand(sql,
conn);
        System.Data.SqlClient.SqlDataAdapter adap = new
System.Data.SqlClient.SqlDataAdapter(cmd);
        System.Data.DataTable tbl = new System.Data.DataTable();

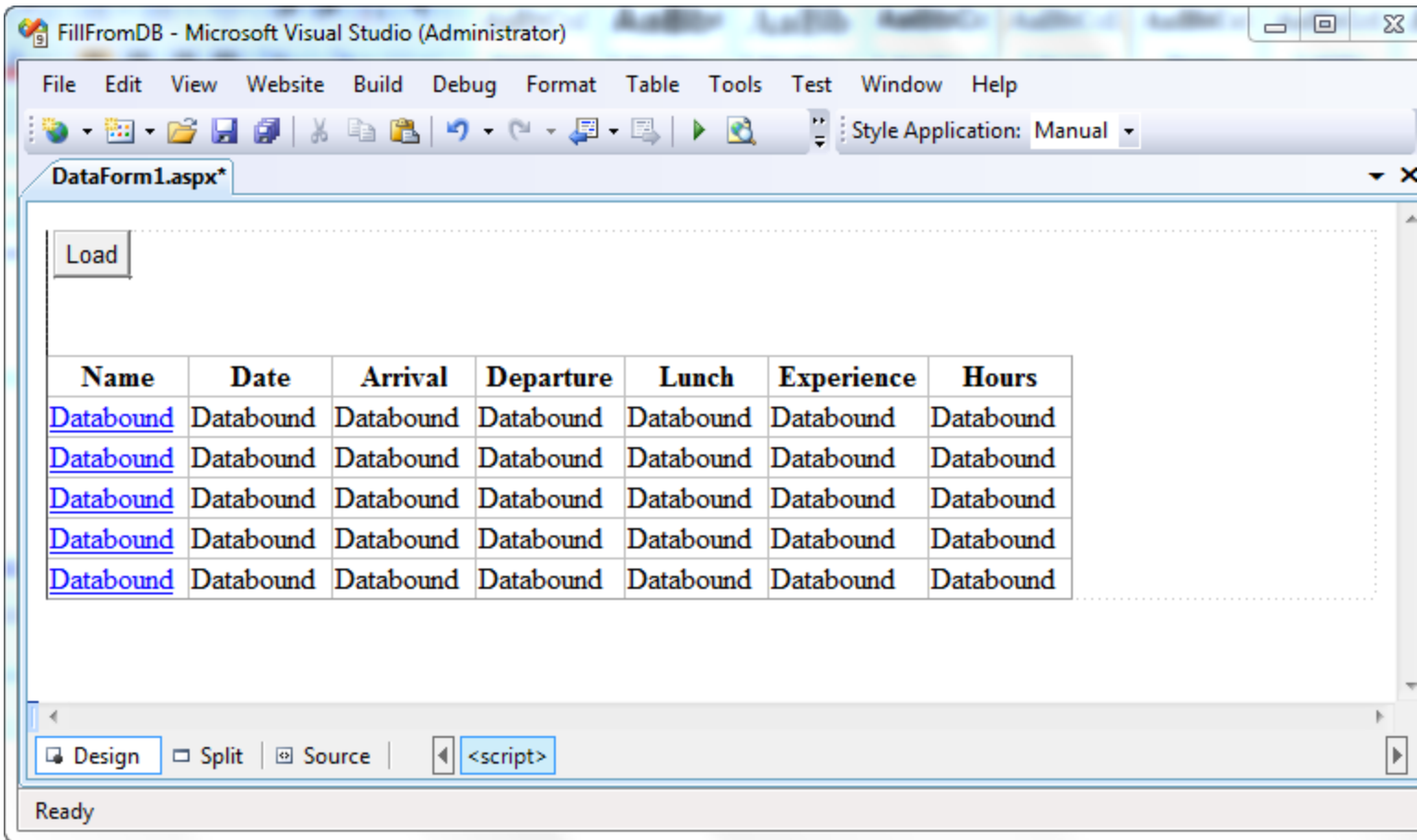
        // Fill DataTable with data
        adap.Fill(tbl);
        // Bind to display data in GridView control
        gvw.DataSource = tbl;
        gvw.DataBind();
    }
</script>
```

as below:

```
1 <%@ Page Language="C#" AutoEventWireup="true" CodeFile="DataForm1.aspx.cs" Inherits="DataForm1" %>
2
3 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
4
5 <script runat="server">
6     // remember to change the connection string with appropriate values
7     string connStr = "Server=<Server>;Database=<Database>;uid=<Username>;pwd=<Password>";
8
9     // Button click handler
10    protected void btnLoad_Click(object sender, EventArgs e)
11    {
12        Load();
13    }
14
15    // Method to display data
16    void Load()
17    {
18        string sql = "select * from arrival";
19        System.Data.SqlClient.SqlConnection conn = new System.Data.SqlClient.SqlConnection(connStr);
20        System.Data.SqlClient.SqlCommand cmd = new System.Data.SqlClient.SqlCommand(sql, conn);
21        System.Data.SqlClient.SqlDataAdapter adap = new System.Data.SqlClient.SqlDataAdapter(cmd, conn);
22        System.Data.DataTable tbl = new System.Data.DataTable();
23
24        // Fill DataTable with data
25        adap.Fill(tbl);
26        // Bind to display data in GridView control
27        gvw.DataSource = tbl;
28        gvw.DataBind();
29    }
30 </script>
31
32 <html xmlns="http://www.w3.org/1999/xhtml">
```

Note: Remember to change the variable “connStr” with appropriate values to point to the database created in step1.

It looks as below in the design view.



A complete sample run:

Start DataForm1.aspx and press Load

http://localhost:57126/FillFromDB/DataForm1.aspx - Windows Internet Explorer

http://localhost:57126/FillFromDB/DataForm1.as

Snagit

Favorites | Suggested Sites | Web Slice Gallery

http://localhost:57126/FillFromDB/DataForm1.aspx

Load

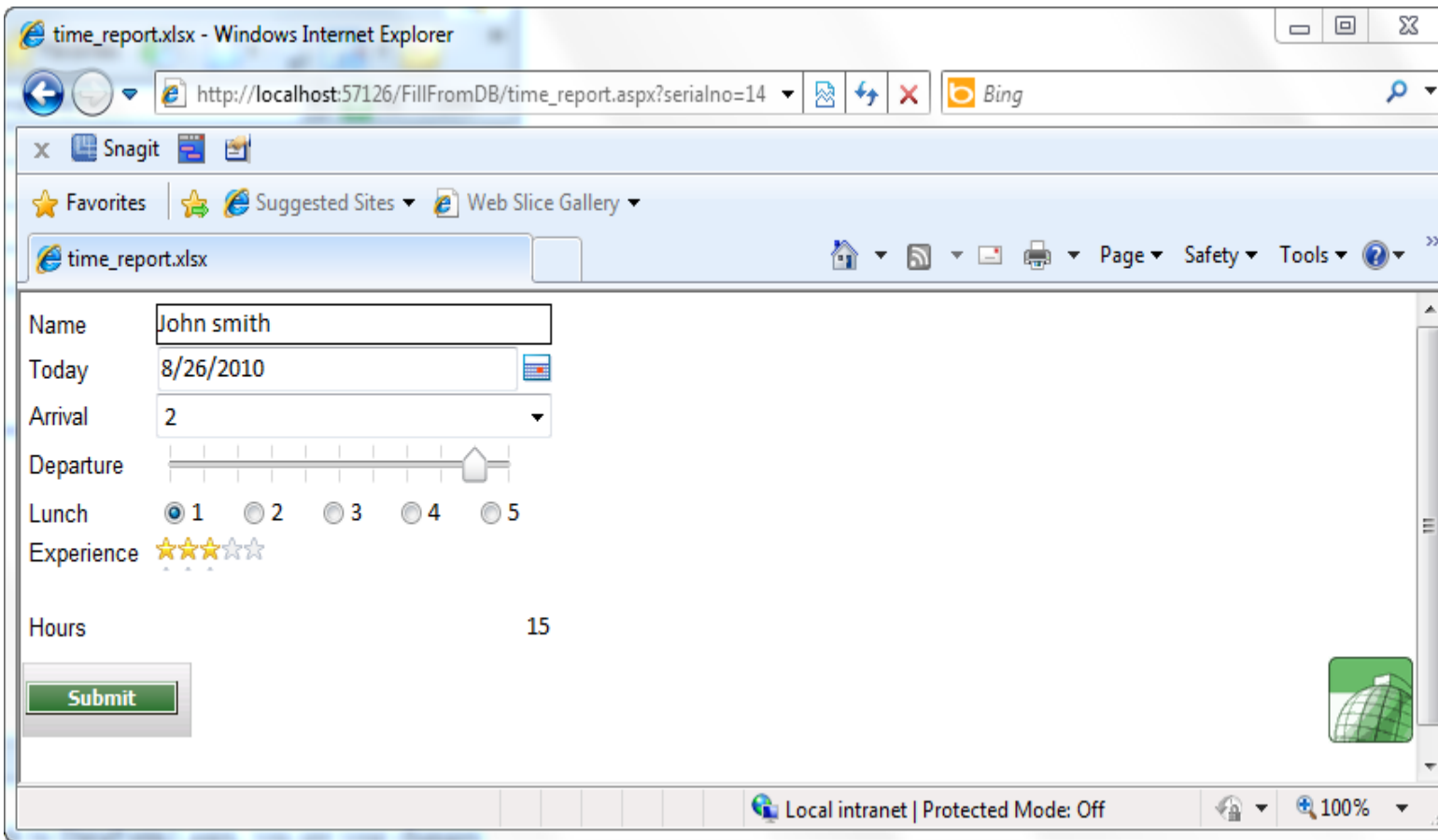
Name	Date	Arrival	Departure	Lunch	Experience	Hours
John smith	8/26/2010	2	18	1	3	15

Done

Local intranet | Protected Mode: Off

100%

Click on the John Smith text and the time report form will open with the data filled in.



If you edit the values, press save and then go back to DataForm1.aspx, you see your changes.

Conclusion

We showed how to create a list view using GridView and how listviews easily can generate urls that open up our ASP.NET-page created with SpreadsheetConverter.