

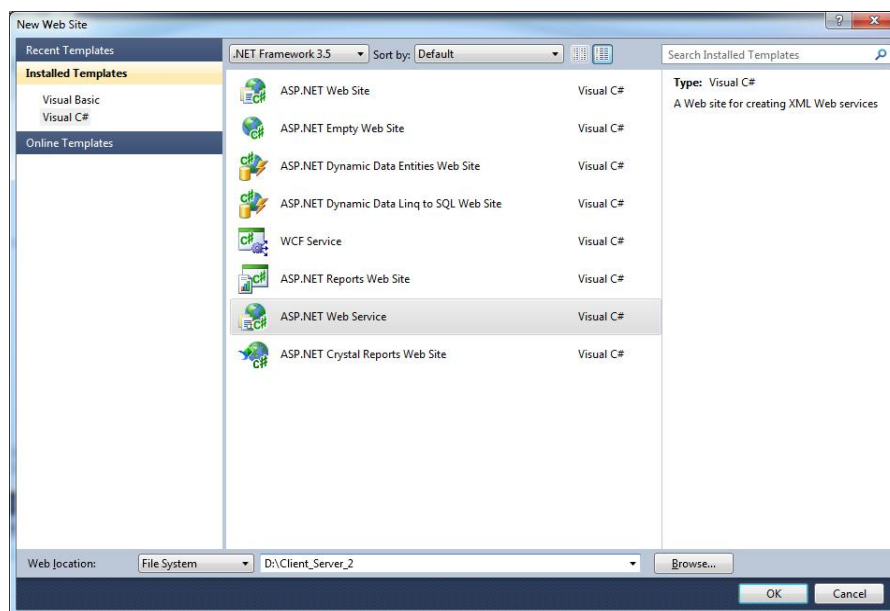
Exercise 9

Phase II

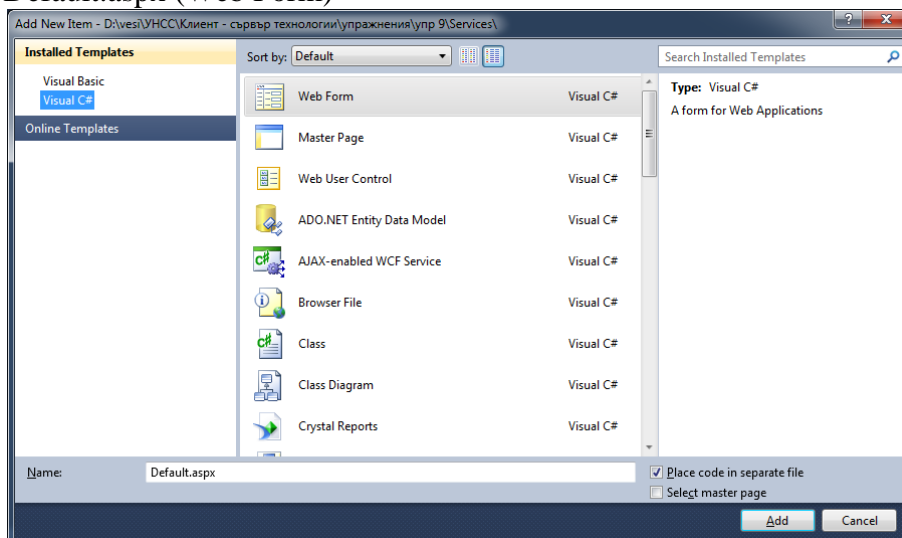
Creating a site Services

Create a new site in the same folder d:\Client_Server_2. It will provide the service by using ISBN of a book, check for URL with the full text of the book and return it to the service requested. This site will have a database with ISBN of books and addresses of their full texts.

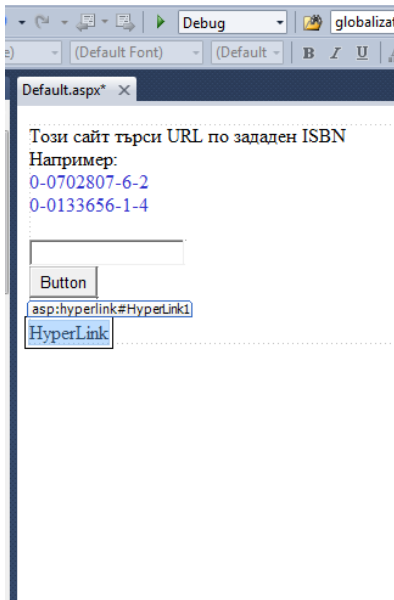
1. Create a new web site with type **Web Service** - name **Service**.



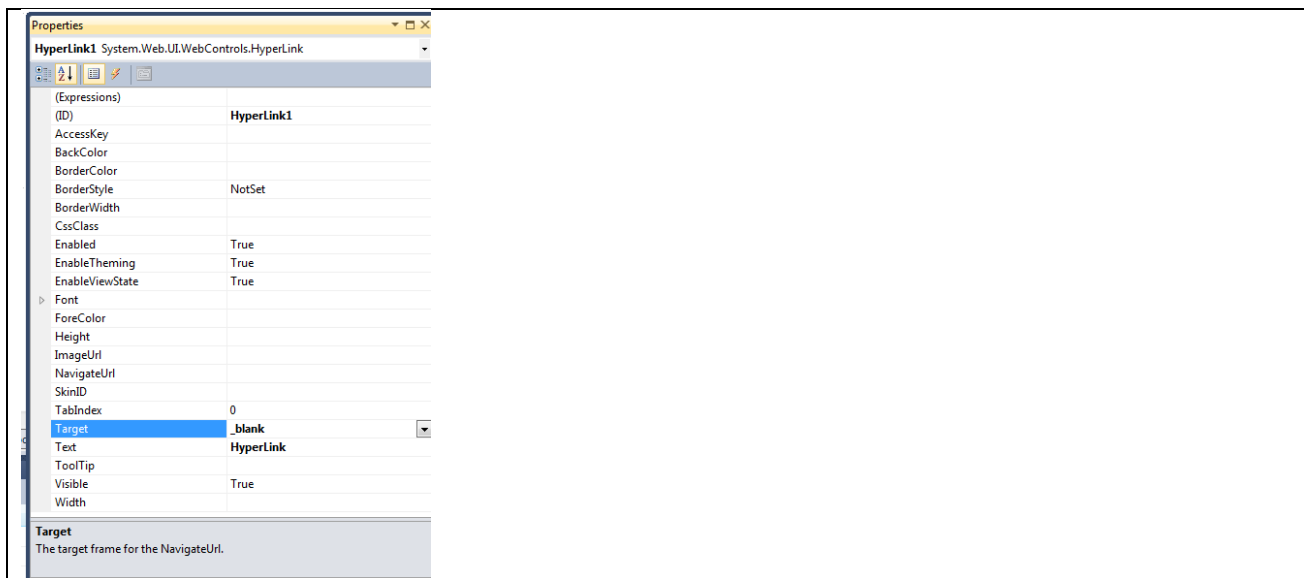
2. Add a page Default.aspx (Web Form)



3. Edit your page by adding a header, a textbox, a button and a hyperlink.



4. Set Target = "_blank" to the property of the hyperlink for opening a new page with the found book



5. Create a method for click event - btnFind_Click.

```
protected void btnFind_Click(object sender, EventArgs e)
{
    String strURL, strISBN;
    strISBN = txtISBN.Text.ToString();
    strISBN = strISBN.Trim();
    strURL = "http://yahoo.com";
    if (strISBN != "")
    {
        HyperLink1.Text = strURL;
        HyperLink1.NavigateUrl = strURL;
    }
}
```

There is an address strURL = <http://yahoo.com> in the database, to verify that the page works.
The method Trim () removes the empty spaces, if added at the beginning or at the end of the ISBN

6. Copy the database file **findURL.mdf** in the folder **AppData**.
The database contains a table **tISBN** with 2 columns ISBN и URL.

tISBN : Table		
	ISBN	URL
▶	0-0038307-6-4	http://www.oracle.com/a
	0-0038326-7-8	http://www.asp.net/
	0-0038337-8-X	
	0-0131985-2-1	http://www.asp.net/
	0-0133656-1-4	http://www.oracle.com/a
	0-0134436-3-1	http://www.oracle.com/a
	0-0201145-8-3	http://www.asp.net/
	0-0201406-7-3	http://www.asp.net/
	0-0207992-0-9	http://www.asp.net/
	0-0230081-2-1	http://www.asp.net/
	0-0230362-0-6	http://www.asp.net/
	0-0230650-8-7	http://www.asp.net/
	0-0230942-1-4	http://www.asp.net/

7. Add a **connectionString** in the **web.config** of the site, replace the empty tag `<connectionStrings/>`.

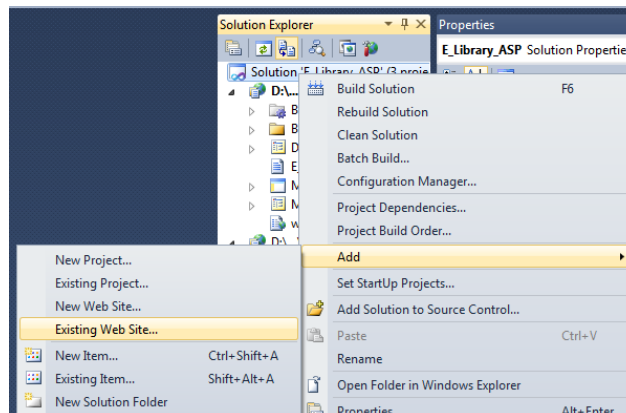
```
<connectionStrings>
<add name="mySQLDB" connectionString="Data Source=.\SQLEXPRESS;AttachDbFilename=
D:\Client_Server_2\Services\App_Data\findURLSQL.mdf;Integrated Security=True;Connect
Timeout=30;User Instance=True" providerName="System.Data.SqlClient"/>
</connectionStrings>
```

8. Add a new element in the folder **AppCode** – class **SearchInDB.cs**

9. Add the following library in **SearchInDB.cs**:

```
using System.Data.SqlClient;
```

12. Open **E_Library_ASP** Solution to add the created site.



Open the folder **d: \Client_Server_2** and select the **Services** folder.