Webservice.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Services;

using System.Data.Sql;

using System.Data.SqlClient;

using System.Configuration;

/// <summary>

/// Summary description for WebService

/// </summary>

[WebService(Namespace = "http://tempuri.org/")]

[WebServiceBinding(ConformsTo = WsiProfiles.BasicProfile1\_1)]

// To allow this Web Service to be called from script, using ASP.NET AJAX, uncomment the following line.

// [System.Web.Script.Services.ScriptService]

public class WebService : System.Web.Services.WebService {

public WebService () {

//Uncomment the following line if using designed components

//InitializeComponent();

}

[WebMethod]

public string queryTable(string name) {

SqlConnection conn = new SqlConnection(ConfigurationManager.ConnectionStrings["dbstring"].ConnectionString);

conn.Open();

string name1 = "";

string ssn ="";

string location = "";

string profession = "";

string phonenum = "";

SqlCommand cmd= new SqlCommand("select \* from Table1 where name='"+name+"'",conn);

SqlDataReader reader = cmd.ExecuteReader();

while(reader.Read())

{

name1 = name1 +";"+reader["name"];

ssn = ssn +";"+reader["ssn"].ToString();

location = location+";"+reader["location"].ToString();

profession = profession+";"+reader["profession"].ToString();

phonenum = phonenum+";"+reader["phonenum"].ToString();

}

reader.Close();

conn.Close();

return "Data Available is:"+name1+","+ssn+","+location+","+profession+","+phonenum;

}

[WebMethod]

public string insertTable(string name, string ssn, string location, string profession, string phonenum)

{

SqlConnection conn = new SqlConnection(ConfigurationManager.ConnectionStrings["dbstring"].ConnectionString);

conn.Open();

SqlCommand cmd = new SqlCommand("Insert into Table1(name1,ssn,location,profession,phonenum)values('"+name+"','"+ssn+"','"+profession+"','"+phonenum+"')",conn);

cmd.ExecuteNonQuery();

cmd.Dispose();

conn.Close();

return "Insert into database successful";

}

[WebMethod]

public string deleteTable(string name, string ssn, string location, string profession, string phonenum)

{

SqlConnection conn = new SqlConnection(ConfigurationManager.ConnectionStrings["dbstring"].ConnectionString);

conn.Open();

SqlCommand cmd = new SqlCommand("Delete from Table1 where name='"+name+"'",conn);

cmd.ExecuteNonQuery();

cmd.Dispose();

conn.Close();

return "Delete from database successful";

}

}

Web.config

<?xml version="1.0"?>

<configuration>

<system.web>

<compilation debug="true" targetFramework="4.0" />

</system.web>

<system.serviceModel>

<behaviors>

<serviceBehaviors>

<behavior>

<!-- To avoid disclosing metadata information, set the value below to false and remove the metadata endpoint above before deployment -->

<serviceMetadata httpGetEnabled="true"/>

<!-- To receive exception details in faults for debugging purposes, set the value below to true. Set to false before deployment to avoid disclosing exception information -->

<serviceDebug includeExceptionDetailInFaults="false"/>

</behavior>

</serviceBehaviors>

</behaviors>

<serviceHostingEnvironment multipleSiteBindingsEnabled="true" />

</system.serviceModel>

<system.webServer>

<modules runAllManagedModulesForAllRequests="true"/>

<httpProtocol>

<customHeaders>

<add name="Access-Control-Allow-Origin" value="\*" />

<add name="Access-Control-Allow-Headers"

value="Origin, X-Requested-With,

Content-Type,soapaction,Accept" />

</customHeaders>

</httpProtocol>

</system.webServer>

<connectionStrings>

<add connectionString="Data

Source=.\SQLEXPRESS;AttachDbFilename=c:\users\deepthi\documents\visual studio 2010\Projects\WcfService2\WcfService1.Database1.mdf; Integrated Security=True;User Instance=True" name="dbString"

providerName="System.Data.SqlClient"/>

</connectionStrings>

</configuration>