

30-01-2019

DATABASE CONNECTIVITY PROGRAM

Userdemo.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.ComponentModel.DataAnnotations;
namespace Webnewdb.Models
{
    public class Userdemo
    {
        [Required]

        public int UserdemoId{ get; set; }
        [Required]
        [Display(Name = "Enter username")]
        [DataType(DataType.EmailAddress)]
        public string username{ get; set; }
        [Required]
        [Display(Name = "Enter password")]
        [DataType(DataType.Password)]
        public string password{ get; set; }

    }
}
```

UserDemoContext.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Data.Entity;

namespace Webnewdb.Models
{
    public class UserDemoContext:DbContext
    {
        public UserDemoContext()
            :base("mycon")
        {
            DropCreateDatabaseIfModelChanges<UserDemoContext> d= new
DropCreateDatabaseIfModelChanges<UserDemoContext>();
            Database.SetInitializer(d);
        }
        public DbSet<Userdemo> usersdemo { get; set; }
    }
}
```

Web.Config

```
<?xml version="1.0" encoding="utf-8"?>
<!--
  For more information on how to configure your ASP.NET application, please visit
  http://go.microsoft.com/fwlink/?LinkId=301880
-->
<configuration>
  <configSections>
    <!-- For more information on Entity Framework configuration, visit
    http://go.microsoft.com/fwlink/?LinkId=237468 -->
    <section name="entityFramework"
type="System.Data.Entity.Internal.ConfigFile.EntityFrameworkSection, EntityFramework,
Version=6.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089"
requirePermission="false" />
  </configSections>
  <connectionStrings>
    <add name="DefaultConnection" connectionString="Data
Source=(LocalDb)\v11.0;AttachDbFilename=|DataDirectory|\aspnet-Webnewdb-
20190130023901.mdf;Initial Catalog=aspnet-Webnewdb-20190130023901;Integrated
Security=True"
        providerName="System.Data.SqlClient" />
    <add name="mycon" connectionString="Data Source=(localdb)\Projects;Initial
Catalog=demodb;Integrated Security=True"
        providerName="System.Data.SqlClient" />
  </connectionStrings>
  <appSettings>
    <add key="webpages:Version" value="3.0.0.0" />
    <add key="webpages:Enabled" value="false" />
    <add key="ClientValidationEnabled" value="true" />
    <add key="UnobtrusiveJavaScriptEnabled" value="true" />
  </appSettings>
  <system.web>
    <authentication mode="None" />
    <compilation debug="true" targetFramework="4.5" />
    <httpRuntime targetFramework="4.5" />
  </system.web>
  <system.webServer>
    <modules>
      <remove name="FormsAuthenticationModule" />
    </modules>
  </system.webServer>
  <runtime>
    <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Helpers" publicKeyToken="31bf3856ad364e35"
/>
        <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Mvc" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-5.0.0.0" newVersion="5.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.WebPages" publicKeyToken="31bf3856ad364e35"
/>
        <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="WebGrease" publicKeyToken="31bf3856ad364e35" />
      </dependentAssembly>
    </assemblyBinding>
  </runtime>
</configuration>
```

```

        <bindingRedirect oldVersion="1.0.0.0-1.5.2.14234" newVersion="1.5.2.14234" />
    </dependentAssembly>
</assemblyBinding>
</runtime>
<entityFramework>
    <defaultConnectionFactory
type="System.Data.Entity.Infrastructure.LocalDbConnectionFactory, EntityFramework">
        <parameters>
            <parameter value="v11.0" />
        </parameters>
    </defaultConnectionFactory>
    <providers>
        <provider invariantName="System.Data.SqlClient"
type="System.Data.Entity.SqlServer.SqlProviderServices, EntityFramework.SqlServer" />
    </providers>
</entityFramework>
</configuration>

```

UserDemoController.cs

```

using System;
using System.Collections.Generic;
using System.Data;
using System.Data.Entity;
using System.Linq;
using System.Net;
using System.Web;
using System.Web.Mvc;
using Webnewdb.Models;

namespace Webnewdb.Controllers
{
    public class UserDemoController : Controller
    {
        private UserDemoContext db = new UserDemoContext();

        // GET: /UserDemo/
        public ActionResult Index()
        {
            return View(db.usersdemo.ToList());
        }

        // GET: /UserDemo/Details/5
        public ActionResult Details(int? id)
        {
            if (id == null)
            {
                return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
            }
            Userdemo userdemo = db.usersdemo.Find(id);
            if (userdemo == null)
            {
                return HttpNotFound();
            }
            return View(userdemo);
        }
    }
}

```

```

// GET: /UserDemo/Create
public ActionResult Create()
{
    return View();
}

// POST: /UserDemo/Create
// To protect from overposting attacks, please enable the specific
properties you want to bind to, for
// more details see http://go.microsoft.com/fwlink/?LinkId=317598.
[HttpPost]
[ValidateAntiForgeryToken]
public ActionResult Create([Bind(Include="UserdemoId,username,password")]
Userdemo userdemo)
{
    if (ModelState.IsValid)
    {
        db.usersdemo.Add(userdemo);
        db.SaveChanges();
        return RedirectToAction("Index");
    }

    return View(userdemo);
}

// GET: /UserDemo/Edit/5
public ActionResult Edit(int? id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Userdemo userdemo = db.usersdemo.Find(id);
    if (userdemo == null)
    {
        return HttpNotFound();
    }
    return View(userdemo);
}

// POST: /UserDemo/Edit/5
// To protect from overposting attacks, please enable the specific
properties you want to bind to, for
// more details see http://go.microsoft.com/fwlink/?LinkId=317598.
[HttpPost]
[ValidateAntiForgeryToken]
public ActionResult Edit([Bind(Include="UserdemoId,username,password")]
Userdemo userdemo)
{
    if (ModelState.IsValid)
    {
        db.Entry(userdemo).State = EntityState.Modified;
        db.SaveChanges();
        return RedirectToAction("Index");
    }
    return View(userdemo);
}

```

```

// GET: /UserDemo/Delete/5
public ActionResult Delete(int? id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Userdemo userdemo = db.usersdemo.Find(id);
    if (userdemo == null)
    {
        return HttpNotFound();
    }
    return View(userdemo);
}

// POST: /UserDemo/Delete/5
[HttpPost, ActionName("Delete")]
[ValidateAntiForgeryToken]
public ActionResult DeleteConfirmed(int id)
{
    Userdemo userdemo = db.usersdemo.Find(id);
    db.usersdemo.Remove(userdemo);
    db.SaveChanges();
    return RedirectToAction("Index");
}

protected override void Dispose(bool disposing)
{
    if (disposing)
    {
        db.Dispose();
    }
    base.Dispose(disposing);
}
}
}

```

RouteConfig.cs

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using System.Web.Routing;

namespace Webnewdb
{
    public class RouteConfig
    {
        public static void RegisterRoutes(RouteCollection routes)
        {
            routes.IgnoreRoute("{resource}.axd/{*pathInfo}");

            routes.MapRoute(
                name: "Default",
                url: "{controller}/{action}/{id}",

```

```
        defaults: new { controller = "UserDemo", action = "Index", id =  
UrlParameter.Optional }  
    );  
}  
}
```