DB.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Data.SqlClient;

using System.Data;

using PersonAPI.Models;

namespace PersonAPI

{

public class DB

{

public SqlConnection ConnecttoDB()

{

string connectionString = @"Data Source=(LocalDB)\MSSQLLocalDB;Initial Catalog=Person;Integrated Security=True";

SqlConnection con = new SqlConnection(connectionString);

con.Open();

return con;

}

public DataSet GetRecordbyID(int id, out string message)

{

message = "";

SqlConnection con = ConnecttoDB();

SqlCommand com = new SqlCommand("getPersonbyID", con);

com.CommandType = System.Data.CommandType.StoredProcedure;

com.Parameters.AddWithValue("@id", id);

SqlDataAdapter adp = new SqlDataAdapter(com);

DataSet ds = new DataSet();

adp.Fill(ds);

return ds;

con.Close();

message = "Success";

}

public string InsertPerson(PersonModel person)

{

string message = "";

SqlConnection con = ConnecttoDB();

SqlCommand com = new SqlCommand("gpInsertPerson", con);

com.CommandType = CommandType.StoredProcedure;

com.Parameters.AddWithValue("@id", person.id);

com.Parameters.AddWithValue("@Name", person.Name);

com.Parameters.AddWithValue("@City", person.City);

com.Parameters.AddWithValue("@Phoneno", person.phoneno);

com.ExecuteNonQuery();

message = "Success";

return message;

}

public string UpdatePerson(PersonModel person)

{

string message = "";

SqlConnection con = ConnecttoDB();

SqlCommand com = new SqlCommand("gpUpdatePerson", con);

com.CommandType = CommandType.StoredProcedure;

com.Parameters.AddWithValue("@id", person.id);

com.Parameters.AddWithValue("@Name", person.Name);

com.Parameters.AddWithValue("@City", person.City);

com.Parameters.AddWithValue("@Phoneno", person.phoneno);

com.ExecuteNonQuery();

message = "Success";

return message;

}

public string DeletePerson(int id)

{

string message = "";

SqlConnection con = ConnecttoDB();

SqlCommand com = new SqlCommand("spDeletePerson", con);

com.CommandType = CommandType.StoredProcedure;

com.Parameters.AddWithValue("@id", id);

com.ExecuteNonQuery();

message = "Success";

return message;

}

}

}

PersonController.cs

using System;

using System.Collections.Generic;

using System.Data;

using System.Linq;

using System.Web;

using System.Web.Mvc;

using PersonAPI.Models;

using System.Web.Http;

namespace PersonAPI.Controllers

{

public class PersonController : ApiController

{

DB DBlayer = new DB();

string message = string.Empty;

// GET: Person

public IEnumerable<string> Get()

{

return new string[] { "value1", "value2" };

}

[System.Web.Http.HttpGet]

public DataSet GetRecord(int id)

{

DataSet ds = DBlayer.GetRecordbyID(id, out message);

return ds;

}

[System.Web.Http.HttpPost]

public string PostCreatePerson([FromBody] PersonModel person)

{

string message = "";

message = DBlayer.InsertPerson(person);

return message;

}

[System.Web.Http.HttpPut]

public string UpdatePerson(int id, [FromBody] PersonModel person)

{

string message = "";

message = DBlayer.UpdatePerson(person);

return message;

}

[System.Web.Http.HttpDelete]

public string DeletePerson(int id)

{

string message = "";

message = DBlayer.DeletePerson(id);

return message;

}

}

}

VauleController.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Net;

using System.Net.Http;

using System.Web.Http;

namespace PersonAPI.Controllers

{

public class ValuesController : ApiController

{

// GET api/values

public IEnumerable<string> Get()

{

return new string[] { "value1", "value2" };

}

// GET api/values/5

public string Get(int id)

{

return "value";

}

// POST api/values

public void Post([FromBody] string value)

{

}

// PUT api/values/5

public void Put(int id, [FromBody] string value)

{

}

// DELETE api/values/5

public void Delete(int id)

{

}

}

}

HomeController.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace PersonAPI.Controllers

{

public class HomeController : Controller

{

public ActionResult Index()

{

ViewBag.Title = "Home Page";

return View();

}

}

}