5) Develop a web application using ADO.NET in ASP.NET. Utilize a stored procedure to insert data into a database table. Implement a form in your ASP.NET application to take user inputs and invoke the stored procedure to insert the data.:

Add->webform:

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="procedure.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<label for="txtUserName">User Name:</label>

<asp:TextBox ID="txtUserName" runat="server"></asp:TextBox>

<br />

<label for="txtEmail">Email:</label>

<asp:TextBox ID="txtEmail" runat="server"></asp:TextBox>

<br />

<asp:Button ID="btnAddUser" Text="Add User" runat="server" OnClick="btnAddUser\_Click" />

<br />

<span id="lblMessage" runat="server"></span>

</div>

</form>

</body>

</html>

Add->webform.aspx.cs:

using System;

using System.Data;

using System.Data.SqlClient;

namespace procedure

{

public partial class WebForm1 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void btnAddUser\_Click(object sender, EventArgs e)

{

string connectionString = "Data Source=localhost\\SQLEXPRESS;Initial Catalog=abc2;Integrated Security=True;";

using (SqlConnection connection = new SqlConnection(connectionString))

{

using (SqlCommand cmd = new SqlCommand("InsertUser", connection))

{

cmd.CommandType = CommandType.StoredProcedure;

// Add parameters

cmd.Parameters.AddWithValue("@UserName", txtUserName.Text);

cmd.Parameters.AddWithValue("@Email", txtEmail.Text);

try

{

connection.Open();

cmd.ExecuteNonQuery();

lblMessage.InnerText = "User added successfully!";

ClearForm();

}

catch (Exception ex)

{

lblMessage.InnerText = "Error: " + ex.Message;

}

}

}

}

private void ClearForm()

{

txtUserName.Text = "";

txtEmail.Text = "";

}

}

}

Add connection->

Step 1)-- Create a sample table

CREATE TABLE Users (

UserId INT PRIMARY KEY IDENTITY(1,1),

UserName NVARCHAR(50),

Email NVARCHAR(50)

);

Step 2)-- Create a stored procedure for inserting data

CREATE PROCEDURE InsertUser

@UserName NVARCHAR(50),

@Email NVARCHAR(50)

AS

BEGIN

INSERT INTO Users (UserName, Email)

VALUES (@UserName, @Email);

END;