**C#: Shoe project (ASP.net)**

* Web.Confic page code :

<connectionStrings>

<add name="ThiruConnection" connectionString="Data Source =DESKTOP-DT8HUI5 ; Initial catalog =josh\_shoemart ; Integrated Security= true"/>

</connectionStrings>

* **Register page asp.net Code**

protected void btn\_register\_Click(object sender, EventArgs e)

{

try

{

if (string.IsNullOrEmpty(txt\_UserName.Text) || string.IsNullOrEmpty(txt\_MobileNumber.Text) || string.IsNullOrEmpty(txt\_Email.Text) || string.IsNullOrEmpty(txt\_Address.Text) || string.IsNullOrEmpty(txt\_Password.Text))

{

// Display error message

Response.Write("<script>alert('Please fill in all required fields.')</script>");

}

else

{

// Process form submission

// Your code here

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

con.Open();

SqlCommand cmd = new SqlCommand("sp\_registerUser", con);

cmd.CommandType = CommandType.StoredProcedure;

SqlParameter param1 = new SqlParameter("@UserName", SqlDbType.VarChar);

cmd.Parameters.Add(param1).Value = txt\_UserName.Text;

SqlParameter param2 = new SqlParameter("@MobileNumber", SqlDbType.VarChar);

cmd.Parameters.Add(param2).Value = txt\_MobileNumber.Text;

SqlParameter param3 = new SqlParameter("@Email", SqlDbType.VarChar);

cmd.Parameters.Add(param3).Value = txt\_Email.Text;

SqlParameter param4 = new SqlParameter("@Address", SqlDbType.VarChar);

cmd.Parameters.Add(param4).Value = txt\_Address.Text;

SqlParameter param5 = new SqlParameter("@Pswd ", SqlDbType.VarChar);

cmd.Parameters.Add(param5).Value = txt\_Password.Text;

int i = cmd.ExecuteNonQuery();

con.Close();

if (i > 0)

{

Response.Write("register successfully");

txt\_UserName.Text = "";

txt\_MobileNumber.Text = "";

txt\_Email.Text = "";

txt\_Password.Text = "";

txt\_Address.Text = "";

Response.Redirect("login.aspx");

}

else

{

Response.Write("register failed");

}

}

}

catch

{

Response.Write("please contact support team");

}

}

* **Login page asp.net code**

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

{

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

con .Open();

SqlCommand cmd= new SqlCommand("sp\_userLogin", con);

cmd.CommandType = CommandType.StoredProcedure;

SqlParameter Param1 = new SqlParameter("@Username", SqlDbType.VarChar);

cmd.Parameters.Add(Param1).Value=txt\_loginUserName.Text.Trim();

SqlParameter Param2 = new SqlParameter("@Password",SqlDbType.VarChar);

cmd.Parameters.Add(Param2).Value=txt\_loginPassword.Text.Trim();

object result = cmd.ExecuteScalar();

if (result != null)

{

string role = result.ToString();

if(role == "Admin")

{

Response.Redirect("admin.aspx");

}

else if(role == "User")

{

Response.Redirect("shop.aspx");

}

else

{

loginfailed.Text = "Invalid username or password";

}

}

}

* ADD product aspx page (UI)

<h2>Add Product</h2>

<h5><span><asp:Label ID="Productadded" Style="color:chartreuse" runat="server" Text=""></asp:Label></span></h5>

<div class="mb-3">

<label for="disabledTextInput" class="form-label">Product Name</label>

<asp:TextBox ID="txt\_ProductName" class="form-control" runat="server"></asp:TextBox>

</div>

<div class="mb-3">

<label for="disabledTextInput" class="form-label">Description</label>

<asp:TextBox ID="txt\_Description" class="form-control" runat="server"></asp:TextBox>

</div>

<div class="mb-3">

<label for="disabledSelect" class="form-label">Brand</label>

<asp:DropDownList ID="list\_Brand" runat="server" CssClass="form-control">

<asp:ListItem Text="-- Select --" Value=""></asp:ListItem>

<asp:ListItem Text="Puma" Value="puma"></asp:ListItem>

<asp:ListItem Text="Nike" Value="nike"></asp:ListItem>

<asp:ListItem Text="Reebook" Value="reebook"></asp:ListItem>

<asp:ListItem Text="Crocs" Value="crocs"></asp:ListItem>

<asp:ListItem Text="Adidas" Value="adidas"></asp:ListItem>

<asp:ListItem Text="Levis" Value="levis"></asp:ListItem>

<asp:ListItem Text="H&M" Value="h&m"></asp:ListItem>

</asp:DropDownList>

</div>

<div class="mb-3">

<label for="disabledSelect" class="form-label">Catagory</label>

<asp:DropDownList ID="list\_Catagory" runat="server" CssClass="form-control">

<asp:ListItem Text="-- Select --" Value=""></asp:ListItem>

<asp:ListItem Text="Sports" Value="sports"></asp:ListItem>

<asp:ListItem Text="Walking" Value="walking"></asp:ListItem>

<asp:ListItem Text="Casual" Value="casual"></asp:ListItem>

<asp:ListItem Text="Formal" Value="formal"></asp:ListItem>

<asp:ListItem Text="Others" Value="others"></asp:ListItem>

</asp:DropDownList>

</div>

<div class="mb-3">

<label for="disabledTextInput" class="form-label">Price</label>

<asp:TextBox ID="txt\_Price" class="form-control" runat="server"></asp:TextBox>

</div>

<asp:Button ID="btn\_AddProduct" class="btn btn-primary" runat="server" Text="Submit" OnClick="btn\_AddProduct\_Click" />

<h3>Add Product Size and Quantity</h3>

<h5><span><asp:Label ID="lblsqadded" Style="color:midnightblue" runat="server" Text=""></asp:Label></span></h5>

<br />

<br />

<div class="mb-3">

<label for="disabledTextInput" class="form-label">Product ID</label>

<asp:TextBox ID="txt\_ProductID" class="form-control" runat="server"></asp:TextBox>

</div>

<div class="mb-3">

<label for="disabledSelect" class="form-label">Size</label>

<asp:DropDownList ID="list\_size" runat="server" CssClass="form-control">

<asp:ListItem Text="-- Select --" Value=""></asp:ListItem>

<asp:ListItem Text="6" Value="6"></asp:ListItem>

<asp:ListItem Text="7" Value="7"></asp:ListItem>

<asp:ListItem Text="8" Value="8"></asp:ListItem>

<asp:ListItem Text="9" Value="9"></asp:ListItem>

<asp:ListItem Text="10" Value="10"></asp:ListItem>

</asp:DropDownList>

</div>

<div class="mb-3">

<label for="disabledTextInput" class="form-label">Quantity</label>

<asp:TextBox ID="txt\_quantity" class="form-control" runat="server"></asp:TextBox>

</div>

<div class="row">

<div class="col">

<asp:Button ID="btn\_sqadded" class="btn btn-primary" runat="server" Text="ADD" OnClick="btn\_sqadded\_Click" />

</div>

<div class="col">

<asp:Button ID="btn\_done" class="btn btn-success" runat="server" Text="DONE" OnClick="btn\_done\_Click" />

</div>

</div>

<br />

<br />

</div>

<div class="col-lg-7" style="background-color: #e0e0e0;">

<div class="row">

<div class="col">

<div class="container">

<h2>Products</h2>

<!-- GridView with Bootstrap table classes -->

<asp:GridView ID="grid\_PSQ" runat="server" AutoGenerateColumns="true" CssClass="table table-striped table-bordered"></asp:GridView>

<Columns>

<asp:BoundField DataField="ProductID" HeaderText="Product ID" />

<asp:BoundField DataField="ProductName" HeaderText="Product Name" />

<asp:BoundField DataField="Size" HeaderText="Size" />

<asp:BoundField DataField="Quantity" HeaderText="Quantity" />

</Columns>

</div>

</div>

<div class="col">

<div class="container">

<h2>Final Total quantity</h2>

<asp:GridView ID="grid\_final" runat="server" AutoGenerateColumns="true" CssClass="table table-striped table-bordered"> </asp:GridView>

<Columns>

<asp:BoundField DataField="ProductID" HeaderText="Product ID" />

<asp:BoundField DataField="TotalQuantity" HeaderText="Total Quantity" />

</Columns>

</div>

* ADD product and fetch and show tables in grid C# code

namespace Josh\_Shoe\_Mart

{

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

{

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

{

if (!IsPostBack)

{

gridshow();

calculatequantity();

}

}

protected void btn\_AddProduct\_Click(object sender, EventArgs e)

{

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

if (string.IsNullOrEmpty(txt\_ProductName.Text) || string.IsNullOrEmpty(txt\_Description.Text) || string.IsNullOrEmpty(txt\_Price.Text) || string.IsNullOrEmpty(list\_Brand.SelectedValue) || string.IsNullOrEmpty(list\_Catagory.SelectedValue))

{

// Display error message

Response.Write("<script>alert('Please fill in all required fields.')</script>");

}

else

{

// Process form submission

// Your code here

con.Open();

SqlCommand cmd = new SqlCommand("sp\_ShoeAddProduct", con);

cmd.CommandType = CommandType.StoredProcedure;

SqlParameter param1 = new SqlParameter("@ProductName", SqlDbType.VarChar);

cmd.Parameters.Add(param1).Value = txt\_ProductName.Text;

SqlParameter param2 = new SqlParameter("@Description", SqlDbType.VarChar);

cmd.Parameters.Add(param2).Value = txt\_Description.Text;

SqlParameter param3 = new SqlParameter("@Brand", SqlDbType.VarChar);

cmd.Parameters.Add(param3).Value = list\_Brand.SelectedValue;

SqlParameter param4 = new SqlParameter("@Category", SqlDbType.VarChar);

cmd.Parameters.Add(param4).Value = list\_Catagory.SelectedValue;

SqlParameter param5 = new SqlParameter("@Price", SqlDbType.Float);

cmd.Parameters.Add(param5).Value = txt\_Price.Text;

int i = cmd.ExecuteNonQuery();

con.Close();

if (i > 0)

{

Productadded.Text = "Product Added Done";

con.Open();

SqlCommand cmd1 = new SqlCommand("sp\_fetchProductID", con);

cmd1.CommandType = CommandType.StoredProcedure;

SqlParameter param11 = new SqlParameter("@ProductName", SqlDbType.VarChar);

cmd1.Parameters.Add(param11).Value = txt\_ProductName.Text;

SqlParameter param21 = new SqlParameter("@Description", SqlDbType.VarChar);

cmd1.Parameters.Add(param21).Value = txt\_Description.Text;

SqlParameter param31 = new SqlParameter("@Brand", SqlDbType.VarChar);

cmd1.Parameters.Add(param31).Value = list\_Brand.SelectedValue;

SqlParameter param41 = new SqlParameter("@Category", SqlDbType.VarChar);

cmd1.Parameters.Add(param41).Value = list\_Catagory.SelectedValue;

SqlDataAdapter da = new SqlDataAdapter(cmd1);

DataSet ds = new DataSet();

da.Fill(ds);

txt\_ProductID.Text = ds.Tables[0].Rows[0][0].ToString();

con.Close();

}

else

{

Response.Write("added failed");

}

}

}

protected void btn\_sqadded\_Click(object sender, EventArgs e)

{

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

if (string.IsNullOrEmpty(txt\_ProductID.Text) || string.IsNullOrEmpty(txt\_quantity.Text) || string.IsNullOrEmpty(list\_size.SelectedValue) )

{

// Display error message

Response.Write("<script>alert('Please fill in all required fields.')</script>");

}

else

{

con.Open();

SqlCommand cmd = new SqlCommand("sp\_sizeandquantity", con);

cmd.CommandType = CommandType.StoredProcedure;

SqlParameter param1 = new SqlParameter("@ProductID", SqlDbType.Int);

cmd.Parameters.Add(param1).Value = txt\_ProductID.Text;

SqlParameter param2 = new SqlParameter("@Size", SqlDbType.VarChar);

cmd.Parameters.Add(param2).Value = list\_size.SelectedValue;

SqlParameter param3 = new SqlParameter("@Quantity", SqlDbType.Int);

cmd.Parameters.Add(param3).Value = txt\_quantity.Text;

int i = cmd.ExecuteNonQuery();

con.Close();

if (i > 0)

{

lblsqadded.Text = "Added";

joinadd();

gridshow();

calculatequantity();

}

else

{

Response.Write("added failed");

}

}

}

private void calculatequantity()

{

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

con.Open();

SqlCommand cmd2 = new SqlCommand("sp\_calculatequantity", con);

cmd2.CommandType = CommandType.StoredProcedure;

SqlDataAdapter da = new SqlDataAdapter(cmd2);

DataSet ds = new DataSet();

da.Fill(ds);

grid\_final.DataSource = ds;

grid\_final.DataBind();

con.Close();

}

private void gridshow()

{

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

con.Open();

SqlCommand cmd2 = new SqlCommand("sp\_showjointb", con);

cmd2.CommandType = CommandType.StoredProcedure;

SqlDataAdapter da = new SqlDataAdapter(cmd2);

DataSet ds = new DataSet();

da.Fill(ds);

grid\_PSQ.DataSource = ds;

grid\_PSQ.DataBind();

con.Close();

}

private void joinadd()

{

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

con.Open();

SqlCommand cmd2 = new SqlCommand("sp\_joinproductwithsizequantity\_and\_store", con);

cmd2.CommandType = CommandType.StoredProcedure;

SqlDataAdapter da = new SqlDataAdapter(cmd2);

DataSet ds = new DataSet();

da.Fill(ds);

cmd2.ExecuteNonQuery();

con.Close();

}

protected void btn\_done\_Click(object sender, EventArgs e)

{

txt\_ProductName.Text = "";

txt\_Description.Text = "";

list\_Brand.SelectedValue = "";

list\_Catagory.SelectedValue = "";

txt\_Price.Text = "";

txt\_quantity.Text = "";

list\_size.SelectedValue = "";

txt\_ProductID.Text = "";

}

protected void btn\_edit\_Click1(object sender, EventArgs e)

{

Response.Redirect("edit.aspx");

}

}

}

* Edit Update and Delete UI aspx page

div class="col-lg-4" style="background-color: #e0e0e0;"> <!--collomn 2 -->

<h2>Update Product</h2>

<br />

<div class="mb-3">

<label for="disabledTextInput" class="form-label">Product Name</label>

<asp:TextBox ID="txt\_eProductName" class="form-control" runat="server"></asp:TextBox>

</div>

<div class="mb-3">

<label for="disabledTextInput" class="form-label">Description</label>

<asp:TextBox ID="txt\_eDescription" class="form-control" runat="server"></asp:TextBox>

</div>

<div class="mb-3">

<label for="disabledSelect" class="form-label">Brand</label>

<asp:DropDownList ID="list\_eBrand" runat="server" CssClass="form-control">

<asp:ListItem Text="-- Select --" Value=""></asp:ListItem>

<asp:ListItem Text="Puma" Value="puma"></asp:ListItem>

<asp:ListItem Text="Nike" Value="nike"></asp:ListItem>

<asp:ListItem Text="Reebook" Value="reebook"></asp:ListItem>

<asp:ListItem Text="Crocs" Value="crocs"></asp:ListItem>

<asp:ListItem Text="Adidas" Value="adidas"></asp:ListItem>

<asp:ListItem Text="Levis" Value="levis"></asp:ListItem>

<asp:ListItem Text="H&M" Value="h&m"></asp:ListItem>

</asp:DropDownList>

</div>

<div class="mb-3">

<label for="disabledSelect" class="form-label">Catagory</label>

<asp:DropDownList ID="list\_eCatagory" runat="server" CssClass="form-control">

<asp:ListItem Text="-- Select --" Value=""></asp:ListItem>

<asp:ListItem Text="Sports" Value="sports"></asp:ListItem>

<asp:ListItem Text="Walking" Value="walking"></asp:ListItem>

<asp:ListItem Text="Casual" Value="casual"></asp:ListItem>

<asp:ListItem Text="Formal" Value="formal"></asp:ListItem>

<asp:ListItem Text="Others" Value="others"></asp:ListItem>

</asp:DropDownList>

</div>

<div class="mb-3">

<label for="disabledTextInput" class="form-label">Price</label>

<asp:TextBox ID="txt\_ePrice" class="form-control" runat="server"></asp:TextBox>

</div>

<div class="row">

<div class="col">

<asp:Button ID="btn\_Editsubmit" class="btn btn-primary" runat="server" Text="Update" OnClick="btn\_Editsubmit\_Click" />

</div>

<div class="col">

<asp:Button ID="btn\_Delete" class="btn btn-primary" runat="server" Text="delete" OnClick="btn\_Delete\_Click" />

</div>

</div>

</div>

<!-- add product Section end -->

<div class="col-lg-7" style="background-color: #e0e0e0;"> <!--collomn 3 -->

<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False" OnSelectedIndexChanged="GridView1\_SelectedIndexChanged" CssClass="table table-striped table-bordered font-weight-bold">

<Columns>

<asp:BoundField DataField="ProductID" HeaderText="Product ID" ItemStyle-CssClass="text-danger bg-white font-weight-bold" />

<asp:BoundField DataField="ProductName" HeaderText="Product Name" ItemStyle-CssClass="text-danger bg-white font-weight-bold"/>

<asp:BoundField DataField="Description" HeaderText="Description" ItemStyle-CssClass="text-danger bg-white font-weight-bold" />

<asp:BoundField DataField="Brand" HeaderText="Brand" ItemStyle-CssClass="text-danger bg-white font-weight-bold"/>

<asp:BoundField DataField="Category" HeaderText="Category" ItemStyle-CssClass="text-danger bg-white font-weight-bold"/>

<asp:BoundField DataField="Price" HeaderText="Price" ItemStyle-CssClass="text-danger bg-white font-weight-bold" />

<asp:CommandField ShowSelectButton="True" SelectText="Select" ItemStyle-CssClass="text-primary bg-white" />

</Columns>

</asp:GridView>

</div>

</div> <!--row end -->

</form>

</div><!--container start -->

* Edit Update and Delete C# aspx.cs page

namespace Josh\_Shoe\_Mart

{

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

{

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

{

if (!IsPostBack)

{

BindProducts();

}

}

private void BindProducts()

{

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

con.Open();

SqlCommand cmd2 = new SqlCommand("sp\_fetchProducts", con);

cmd2.CommandType = CommandType.StoredProcedure;

SqlDataAdapter da = new SqlDataAdapter(cmd2);

DataSet ds = new DataSet();

da.Fill(ds);

GridView1.DataSource = ds;

GridView1.DataBind();

con.Close();

}

protected void GridView1\_SelectedIndexChanged(object sender, EventArgs e)

{

int selectedIndex = GridView1.SelectedIndex;

string productId = GridView1.Rows[selectedIndex].Cells[0].Text;

// You can now use the selected productId to perform further actions

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

con.Open();

SqlCommand cmd = new SqlCommand("sp\_GetProductById", con);

cmd.CommandType = CommandType.StoredProcedure;

SqlParameter param1 = new SqlParameter("@ProductID", SqlDbType.Int);

cmd.Parameters.Add(param1).Value = productId;

SqlDataReader reader = cmd.ExecuteReader();

if (reader.Read())

{

txt\_eProductName.Text = reader["ProductName"].ToString();

txt\_eDescription.Text = reader["Description"].ToString();

list\_eBrand.SelectedValue = reader["Brand"].ToString();

list\_eCatagory.SelectedValue = reader["Category"].ToString();

txt\_ePrice.Text = reader["Price"].ToString();

}

con.Close();

}

protected void btn\_Editsubmit\_Click(object sender, EventArgs e)

{

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

con.Open();

SqlCommand cmd = new SqlCommand("sp\_UpdateProducts", con);

cmd.CommandType = CommandType.StoredProcedure;

int selectedIndex = GridView1.SelectedIndex;

string productId = GridView1.Rows[selectedIndex].Cells[0].Text;

SqlParameter param0 = new SqlParameter("@ProductID", SqlDbType.Int);

cmd.Parameters.Add(param0).Value = productId;

SqlParameter param1 = new SqlParameter("@ProductName", SqlDbType.VarChar);

cmd.Parameters.Add(param1).Value = txt\_eProductName.Text;

SqlParameter param2 = new SqlParameter("@Description", SqlDbType.VarChar);

cmd.Parameters.Add(param2).Value = txt\_eDescription.Text;

SqlParameter param3 = new SqlParameter("@Brand", SqlDbType.VarChar);

cmd.Parameters.Add(param3).Value = list\_eBrand.SelectedValue;

SqlParameter param4 = new SqlParameter("@Category", SqlDbType.VarChar);

cmd.Parameters.Add(param4).Value = list\_eCatagory.SelectedValue;

SqlParameter param5 = new SqlParameter("@Price", SqlDbType.Float);

cmd.Parameters.Add(param5).Value = txt\_ePrice.Text;

cmd.ExecuteNonQuery();

BindProducts();

}

protected void btn\_Delete\_Click(object sender, EventArgs e)

{

string fetchDBData = ConfigurationManager.ConnectionStrings["ThiruConnection"].ConnectionString;

SqlConnection con = new SqlConnection(fetchDBData);

con.Open();

SqlCommand cmd = new SqlCommand("sp\_delete", con);

cmd.CommandType = CommandType.StoredProcedure;

int selectedIndex = GridView1.SelectedIndex;

string productId = GridView1.Rows[selectedIndex].Cells[0].Text;

SqlParameter param0 = new SqlParameter("@ProductID", SqlDbType.Int);

cmd.Parameters.Add(param0).Value = productId;

cmd.ExecuteNonQuery();

txt\_eProductName.Text = "";

txt\_eDescription.Text = "";

list\_eBrand.SelectedValue = "";

list\_eCatagory.SelectedValue = "";

txt\_ePrice.Text = "";

BindProducts();

}

protected void btn\_Products\_Click(object sender, EventArgs e)

{

Response.Redirect("admin.aspx");

}

}

}