Internet Technologies – Project Report

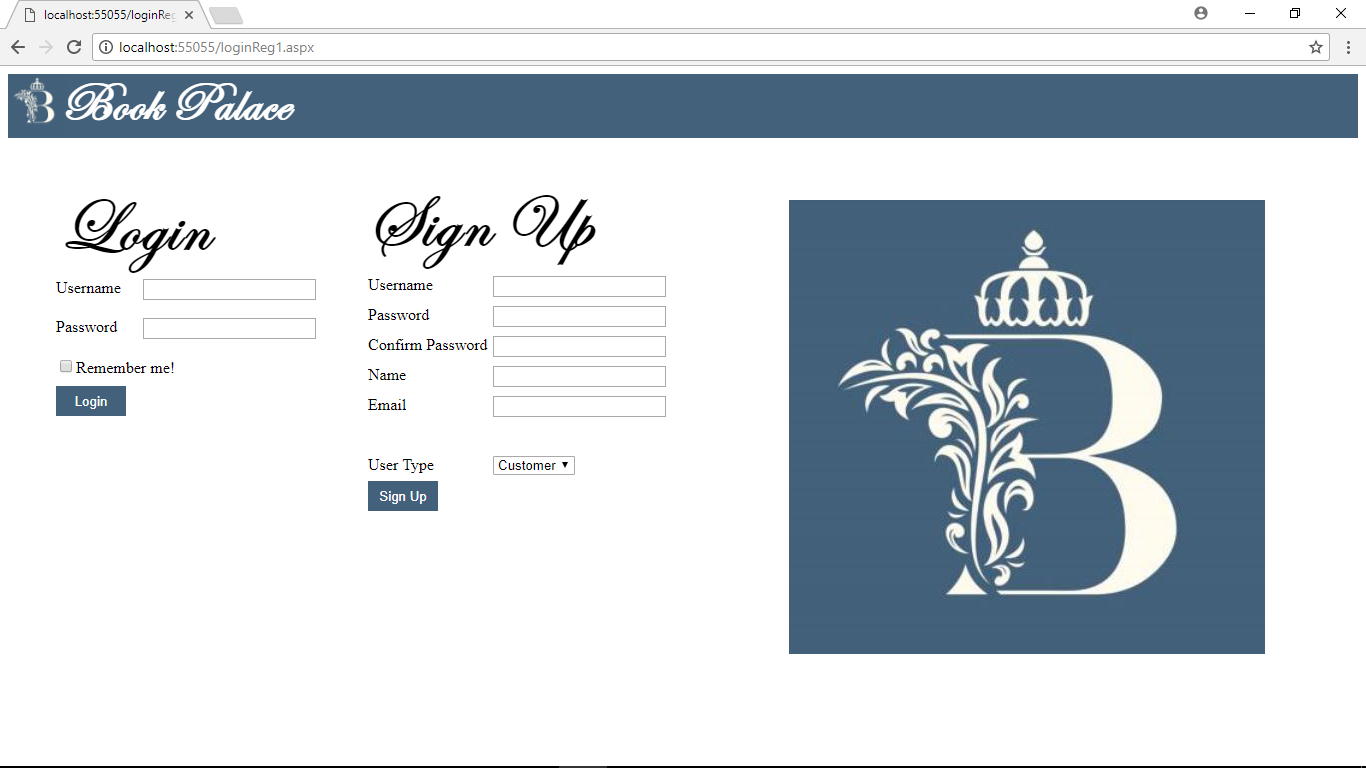
Group Members

G.Namratha Reddy (140905336)

Viseshini Reddy (140905224)

**Customer Profile**

**Login and Sign Up page**



**loginReg1.aspx**

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<asp:Panel ID="Panel1" runat="server" >

<asp:Label ID="Label1" runat="server" Text="Login" Font-Names="Edwardian Script ITC" Font-Size="55" Font-Bold="true"></asp:Label>

<asp:Label ID="Label2" runat="server" Text="Username"></asp:Label>

<asp:TextBox ID="usernametb" runat="server" ValidationGroup="login" ></asp:TextBox>

<asp:Label ID="Label3" runat="server" Text="Password" ></asp:Label>

<asp:TextBox ID="passwordtb" runat="server" ValidationGroup="login" ></asp:TextBox>

<asp:CheckBox ID="CheckBox1" runat="server" Text="Remember me!" ValidationGroup="login"/>

<asp:Button ID="loginbtn" runat="server" Text="Login" OnClick="loginbtn\_Click" ValidationGroup="login" />

</asp:Panel>

<asp:Panel ID="Panel2" runat="server" >

<asp:Label ID="Label11" runat="server" Text="Sign Up" Font-Names="Edwardian Script ITC" Font-Size="55" Font-Bold="true" ></asp:Label>

<asp:Label ID="Label4" runat="server" Text="Username" style="z-index: 1; left: 0px; top: 35px; position: absolute"></asp:Label>

<asp:TextBox ID="new\_usernametb" runat="server" style="z-index: 1; left: 125px; top: 35px; position: absolute" OnTextChanged="usernametb\_TextChanged" AutoPostBack="true"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server" ErrorMessage="Username is required" ControlToValidate="new\_usernametb" ></asp:RequiredFieldValidator>

<asp:CustomValidator ID="CustomValidator1" runat="server" ErrorMessage="Username not available" ControlToValidate="new\_usernametb" OnServerValidate="checkUsername"></asp:CustomValidator>

<asp:Label ID="Label5" runat="server" Text="Password" style="z-index: 1; left: 0px; top: 65px; position: absolute"></asp:Label>

<asp:TextBox ID="new\_passwordtb" runat="server" TextMode="Password" style="z-index: 1; left: 125px; top: 65px; position: absolute" ></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server" ErrorMessage="Password is required" ControlToValidate="new\_passwordtb" ></asp:RequiredFieldValidator>

<asp:CustomValidator ID="CustomValidator2" runat="server" ErrorMessage="Min len is 7 and use atleast one digit and special char" ClientValidationFunction="checkPass" ControlToValidate="new\_passwordtb" ></asp:CustomValidator>

<asp:Label ID="Label6" runat="server" Text="Confirm Password" ></asp:Label>

<asp:TextBox ID="con\_passwordtb" runat="server" TextMode="Password" ></asp:TextBox>

<asp:CompareValidator ID="CompareValidator1" runat="server" ErrorMessage="Passwords didn't match" ControlToCompare="new\_passwordtb" ControlToValidate="con\_passwordtb" ></asp:CompareValidator>

<asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server" ErrorMessage="Confirm Password" ControlToValidate="con\_passwordtb" ></asp:RequiredFieldValidator>

<asp:Label ID="Label7" runat="server" Text="Name" ></asp:Label>

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

<asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server" ErrorMessage="Enter Name" ControlToValidate="nametb"></asp:RequiredFieldValidator>

<asp:Label ID="Label8" runat="server" Text="Email" ></asp:Label>

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

<asp:RequiredFieldValidator ID="RequiredFieldValidator5" runat="server" ErrorMessage="Enter Email" ControlToValidate="emailtb" ></asp:RequiredFieldValidator>

<asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server" ErrorMessage="Missing @ symbol" ValidationExpression=".+@.+" ControlToValidate="emailtb" ></asp:RegularExpressionValidator>

<asp:Label ID="Label10" runat="server" Text="User Type" ></asp:Label>

<asp:DropDownList ID="typeddl" runat="server" OnSelectedIndexChanged="typeddl\_SelectedIndexChanged" AutoPostBack="true">

<asp:ListItem Value="cus">Customer</asp:ListItem>

<asp:ListItem Value="own">Owner</asp:ListItem>

<asp:ListItem Value="emp">Employer</asp:ListItem>

</asp:DropDownList>

<asp:Button ID="regbtn" runat="server" Text="Sign Up" OnClick="regbtn\_Click" />

<asp:Label ID="successlbl" runat="server" Text="Label" Visible="false" ></asp:Label>

</asp:Panel>

</asp:Content>

**loginReg1.aspx**

public partial class \_Default : System.Web.UI.Page

{

string connectionString = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

SqlConnection con = new SqlConnection();

string role = "";

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

{

HttpCookie cookie = Request.Cookies["username"];

if (cookie != null)

{

role = cookie["role"];

Response.Redirect("blank.aspx");

}

}

protected void checkUsername(object source, ServerValidateEventArgs args)

{

args.IsValid = true;

}

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

{

int r = 0;

con.ConnectionString = connectionString;

con.Open();

SqlCommand cmd = new SqlCommand("insert into users values('" + new\_usernametb.Text + "','" + new\_passwordtb.Text + "','" + nametb.Text + "','" + emailtb.Text + "','" + typeddl.SelectedItem.Value + "')", con);

try

{

r = cmd.ExecuteNonQuery();

System.Diagnostics.Debug.Write("r==========" + r);

}

catch (Exception eer)

{

}

finally

{

con.Close();

}

if (r > 0)

{

successlbl.Text = "Successfully registered!";

successlbl.Visible = true;

}

}

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

{

string pass = "";

con.ConnectionString = connectionString;

try

{

con.Open();

SqlCommand cmd = new SqlCommand("select password,role from users where username='" + usernametb.Text + "'", con);

System.Diagnostics.Debug.Write("select password from users where username='" + usernametb.Text + "'");

SqlDataReader reader;

reader = cmd.ExecuteReader();

while (reader.Read())

{

pass = reader[0].ToString();

role = reader["role"].ToString();}

}

catch (Exception eer){}

finally

{

con.Close();

}

if ((passwordtb.Text.Trim()).Equals(pass.Trim()))

{

Session["role"] = role;

Session["username"] = usernametb.Text;

if (CheckBox1.Checked)

{

System.Diagnostics.Debug.Write("I did craete");

HttpCookie cookie = new HttpCookie("username");

cookie["username"] = usernametb.Text;

cookie["role"] = role;

cookie.Expires = DateTime.Now.AddYears(1);

Response.Cookies.Add(cookie);

}

Response.Redirect("blank.aspx");

}

else

{

ScriptManager.RegisterClientScriptBlock(this, this.GetType(), "alertMessage", "alert('Incorrect Username or Password')", true);

}

}

protected void usernametb\_TextChanged(object sender, EventArgs e)

{

SqlConnection con\_chkusr = new SqlConnection(connectionString);

SqlCommand cmd\_chkusr = new SqlCommand("select \* from users where username=@text", con\_chkusr);

cmd\_chkusr.Parameters.AddWithValue("@text", new\_usernametb.Text);

try

{

con\_chkusr.Open();

SqlDataReader rdr = cmd\_chkusr.ExecuteReader();

if (rdr.Read())

{

ScriptManager.RegisterClientScriptBlock(this, this.GetType(), "alertMessage", "alert('Username not available')", true);

}

}

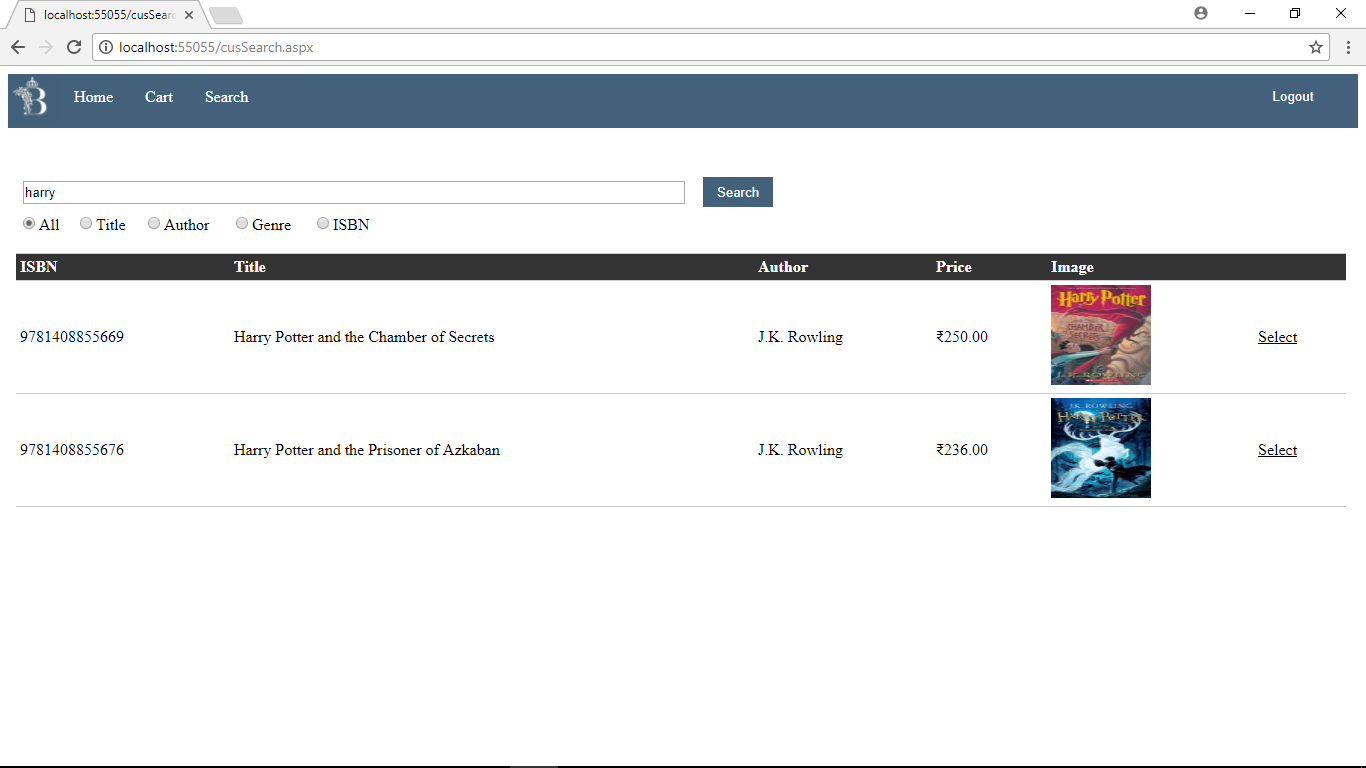
catch (Exception ex)

{

System.Diagnostics.Debug.Write(ex.Message);

}

**Search Books page**



**cusSearch.aspx**

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<asp:ToolkitScriptManager ID="ToolkitScriptManager1" runat="server"></asp:ToolkitScriptManager>

<asp:TextBox ID="searchtb" runat="server" placeholder="Search by book title or author" style="z-index: 1; left: 23px; top: 115px; position: absolute; height: 17px; width: 658px" ></asp:TextBox>

<asp:AutoCompleteExtender ServiceMethod="GetCompletionList" MinimumPrefixLength="1"

CompletionInterval="10" EnableCaching="false" CompletionSetCount="1" TargetControlID="searchtb"

ID="AutoCompleteExtender1" runat="server" CompletionListCssClass="AutoExtender" CompletionListHighlightedItemCssClass="AutoExtenderHighlight" >

</asp:AutoCompleteExtender>

<asp:Button ID="Button1" runat="server" Text="Search" OnClick="Button1\_Click" />

<asp:RadioButtonList ID="RadioButtonList1" runat="server" RepeatDirection="Horizontal" >

<asp:ListItem Selected="True">All</asp:ListItem>

<asp:ListItem>Title</asp:ListItem>

<asp:ListItem>Author</asp:ListItem>

<asp:ListItem>Genre</asp:ListItem>

<asp:ListItem>ISBN</asp:ListItem>

</asp:RadioButtonList>

<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False" OnSelectedIndexChanged="GridView1\_SelectedIndexChanged" BackColor="White" BorderColor="#CCCCCC" BorderStyle="None" BorderWidth="1px"

CellPadding="4" ForeColor="Black" GridLines="Horizontal"

>

<Columns>

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

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

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

<asp:BoundField DataField="Price" HeaderText="Price" DataFormatString="{0:c2}"/>

<asp:TemplateField HeaderText="Image">

<ItemTemplate>

<asp:Image ID="Image1" runat="server" Height="100px" Width="100px"

ImageUrl='<%# "data:Image/png;base64,"

+ Convert.ToBase64String((byte[])Eval("Image")) %>' />

</ItemTemplate>

</asp:TemplateField>

<asp:ButtonField Text="Select" CommandName="Select"/>

</Columns>

</asp:GridView>

<asp:Label ID="Label1" runat="server" Text="No results." Visible="false"></asp:Label>

<asp:Button ID="Button3" runat="server" Text="Add a new record &raquo;" Visible="false" />

<asp:Button ID="Button2" runat="server" Text="Button" OnClick="Button2\_Click" Visible="false" />

</asp:Content>

**cusSearch.aspx.cs**

public partial class \_Default : System.Web.UI.Page

{

string connectionString = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

SqlConnection con = new SqlConnection();

private void LoadImages()

{

string cs = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

using (SqlConnection con = new SqlConnection(cs))

{

SqlCommand cmd = new SqlCommand("Select \* from tblImages", con);

con.Open();

SqlDataReader rdr = cmd.ExecuteReader();

GridView1.DataSource = rdr;

GridView1.DataBind();

}

}

protected void Button1\_Click(object sender, EventArgs e)

{

string wherestring = "";

string title = "";

string author = "";

string genre = "";

string isbn = "";

con.ConnectionString = connectionString;

con.Open();

SqlCommand cmd = new SqlCommand("select \* from Book", con);

SqlDataReader reader;

reader = cmd.ExecuteReader();

while (reader.Read())

{

title +="@"+reader["ISBN"].ToString()+"%"+reader["Title"].ToString() + "@";

author += "@" + reader["ISBN"].ToString() + "%" + reader["Author"].ToString() + "@";

genre += "@" + reader["ISBN"].ToString() + "%" + reader["Category"].ToString() + "@";

isbn += "@" + reader["ISBN"].ToString() + "%" + reader["ISBN"].ToString() + "@";}

title = title.ToLower();

author = author.ToLower();

genre = genre.ToLower();

string data = "";

string search = searchtb.Text;

search = search.ToLower();

search = search.Trim();

string selected = RadioButtonList1.SelectedItem.ToString();

if (selected.Equals("All"))

{

data = title + author + genre+isbn;

}

else if (selected.Equals("Title"))

{

data = title;

}

else if (selected.Equals("Author"))

{

data = author;

}

else if (selected.Equals("Genre"))

{

data = genre;

}

else if(selected.Equals("ISBN"))

{

data = isbn;

}

data = data.Trim();

string pattern = "@[\\d-]+%[\\w\\s',:\\.\\d-\\(]\*" + search + "[\\w\\s',:\\.\\d-\\(]\*@";

foreach (Match m in Regex.Matches(data, pattern))

{

string find = m.Value;

int i = find.IndexOf('%');

string ISBN = find.Substring(1, i-1);

wherestring += "'" + ISBN + "',";

System.Diagnostics.Debug.WriteLine(ISBN);

}

System.Diagnostics.Debug.WriteLine("wherestring="+wherestring);

string cs = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

if (wherestring.Length > 0)

{

using (SqlConnection con2 = new SqlConnection(cs))

{

SqlCommand cmd = new SqlCommand("select \* from Book where ISBN in (" + wherestring.Substring(0, wherestring.Length - 1) + ")", con2);

con2.Open();

SqlDataReader rdr = cmd.ExecuteReader();

GridView1.DataSource = rdr;

GridView1.DataBind();

}

Label1.Visible = false;

Button3.Visible = false;

}

else

{

GridView1.DataSource = null;

GridView1.DataBind();

Label1.Visible = true;

Button3.Visible = true;

}

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

{

string isbn = GridView1.SelectedRow.Cells[0].Text;

string button2 = "no";

Dictionary<string, int> di = Session["cart"] as Dictionary<string, int>;

if(di!= null)

{

if(di.ContainsKey(isbn))

{

button2 = "yes";

}

}

Response.Redirect("showBook.aspx?isbn=" + isbn+"&button2="+button2);

}

[System.Web.Script.Services.ScriptMethod()]

[System.Web.Services.WebMethod]

public static List<string> GetCompletionList(string prefixText, int count)

{

using (SqlConnection con = new SqlConnection())

{

con.ConnectionString = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

using (SqlCommand com = new SqlCommand())

{

com.CommandText = "select Title from Book where " + "Title like @Search + '%'";

com.Parameters.AddWithValue("@Search", prefixText);

com.Connection = con;

con.Open();

List<string> countryNames = new List<string>();

using (SqlDataReader sdr = com.ExecuteReader())

{

while (sdr.Read())

{

countryNames.Add(sdr["Title"].ToString());

}

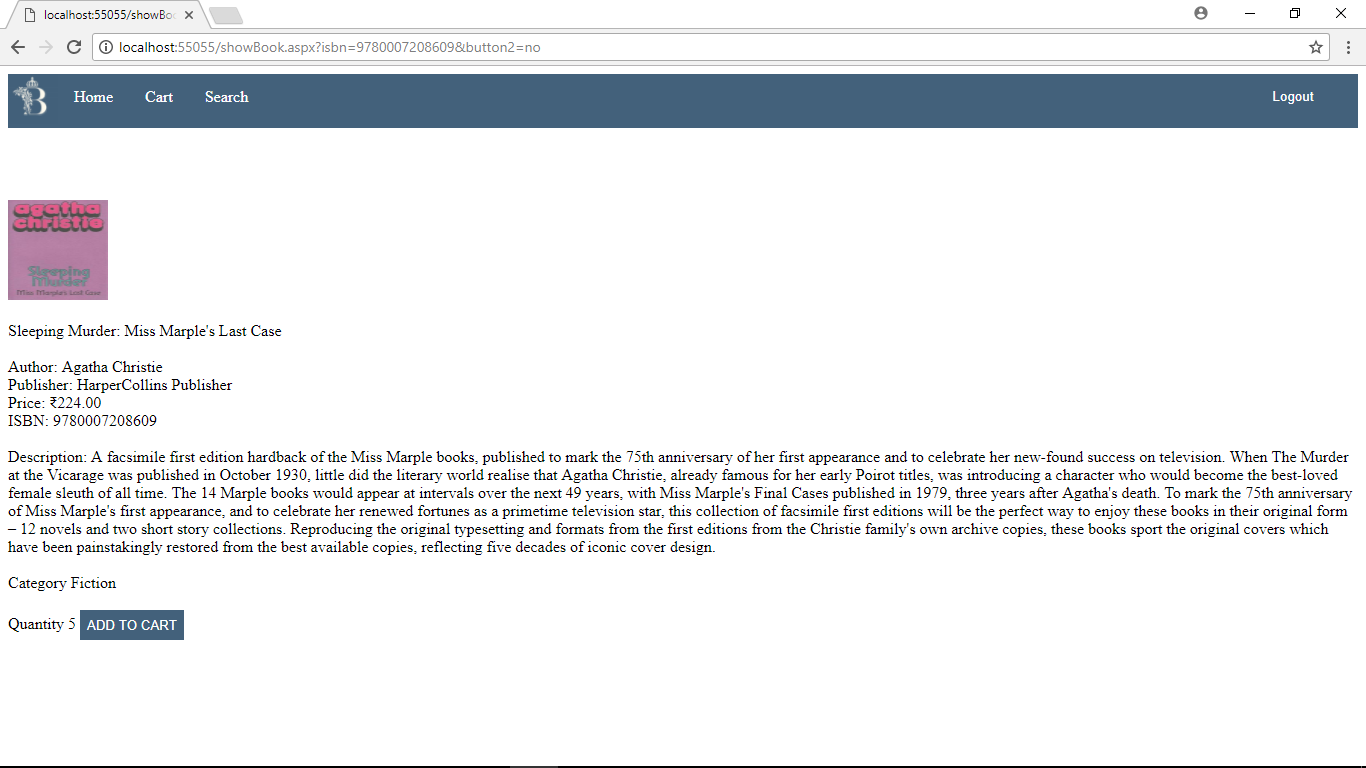
}

con.Close();

return countryNames;

}

**Book description page**



**showBook.aspx**

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<asp:Image ID="Image1" runat="server" height="100px" Width="100px"/>

<asp:Label ID="Titlelbl" runat="server" Text="Label"></asp:Label>

<asp:Label ID="Label2" runat="server" Text="Author: "></asp:Label>

<asp:Label ID="Authorlbl" runat="server" Text="Label"></asp:Label>

<asp:Label ID="Label4" runat="server" Text="Publisher: "></asp:Label>

<asp:Label ID="Publisherlbl" runat="server" Text="Label"></asp:Label>

<asp:Label ID="Label6" runat="server" Text="Price: "></asp:Label>

<asp:Label ID="Pricelbl" runat="server" Text="Label" ></asp:Label>

<asp:Label ID="Label8" runat="server" Text="ISBN: "></asp:Label>

<asp:Label ID="ISBNlbl" runat="server" Text="Label"></asp:Label>

<asp:Label ID="Label10" runat="server" Text="Description: "></asp:Label>

<asp:Label ID="Desclbl" runat="server" Text="Label"></asp:Label>

<asp:Label ID="Label1" runat="server" Text="Category"></asp:Label>

<asp:Label ID="categorylbl" runat="server" Text="Label"></asp:Label>

<asp:Label ID="Label5" runat="server" Text="Quantity"></asp:Label>

<asp:Label ID="quantitylbl" runat="server" Text="Label"></asp:Label>

<asp:Button ID="Button1" runat="server" Text="ADD TO CART" OnClick="Button1\_Click" EnableTheming="false" ForeColor="White" BackColor="#43617B" height="30" BorderStyle="solid" BorderColor="#43617B" BorderWidth="1px" />

<asp:Button ID="Button2" runat="server" Text="GO TO CART" Visible="false" OnClick="Button2\_Click" EnableTheming="false" ForeColor="White" BackColor="#43617B" height="30" BorderStyle="solid" BorderColor="#43617B" BorderWidth="1px" />

<asp:Button ID="Button3" runat="server" Text="Request" OnClick="Button3\_Click" Visible="false"/>

<asp:Label ID="notinstocklbl" runat="server" Text="SORRY NOT IN STOCK :(" Visible="false" ForeColor="Red" Font-Bold="true" Font-Size="Large"></asp:Label>

</asp:Content>

**showBook.aspx.cs**

public partial class \_Default : System.Web.UI.Page

{

string connectionString = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

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

{

int qtyavailable = 0;

string button2 = Request.QueryString["button2"];

if(button2.Equals("yes"))

{

Button2.Visible = true;

Button1.Visible = false;

}

string isbn=Request.QueryString["isbn"];

SqlConnection con = new SqlConnection();

con.ConnectionString = connectionString;

SqlCommand cmd = new SqlCommand("Select \* from Book where ISBN=@isbn1", con);

cmd.Parameters.AddWithValue("@isbn1", isbn);

try

{

con.Open();

SqlDataReader rdr = cmd.ExecuteReader();

while(rdr.Read())

{

var culture = CultureInfo.CreateSpecificCulture("hi-IN");

string currencySymbol = culture.NumberFormat.CurrencySymbol;

ISBNlbl.Text = rdr["ISBN"].ToString();

Titlelbl.Text = rdr["Title"].ToString();

Authorlbl.Text = rdr["Author"].ToString();

Pricelbl.Text = currencySymbol+rdr["Price"].ToString();

Publisherlbl.Text = rdr["Publisher"].ToString();

Desclbl.Text = rdr["Descript"].ToString();

byte[] img = (byte[])rdr["Image"];

quantitylbl.Text = rdr["Quantity"].ToString();

qtyavailable = Convert.ToInt32(rdr["Quantity"].ToString());

categorylbl.Text = rdr["Category"].ToString();

Image1.ImageUrl = "data:image;base64," + Convert.ToBase64String(img);

}

}

catch (Exception ex)

{ }

if (qtyavailable == 0)

{

notinstocklbl.Visible = true;

Button1.Visible = false;

Button3.Visible = true;

Button2.Visible = false;

}

}

protected void Button1\_Click(object sender, EventArgs e)

{

if(Session["cart"] == null)

{

Dictionary<string,int> ls = new Dictionary<string, int>();

ls.Add(Request.QueryString["isbn"],1);

Session["cart"] = ls;

}

else

{

Dictionary<string, int> ls2 = Session["cart"] as Dictionary<string, int>;

ls2.Add(Request.QueryString["isbn"],1);

Session["cart"] = ls2;

}

Response.Redirect("cart.aspx");

}

protected void Button2\_Click(object sender, EventArgs e)

{

Response.Redirect("cart.aspx");

}

protected void Button3\_Click(object sender, EventArgs e)

{

SqlConnection con4 = new SqlConnection(connectionString);

SqlCommand cmd4 = new SqlCommand("update sale set CopiesRequested=CopiesRequested+1 where ISBN='" + Request.QueryString["isbn"]+ "'", con4);

System.Diagnostics.Debug.Write("update sale set CopiesRequested=CopiesRequested+1 where ISBN='" + Request.QueryString["isbn"] + "'");

try

{

con4.Open();

cmd4.ExecuteNonQuery();

}

catch (Exception ex)

{

System.Diagnostics.Debug.Write("Error here" + ex.Message);

}

finally

{

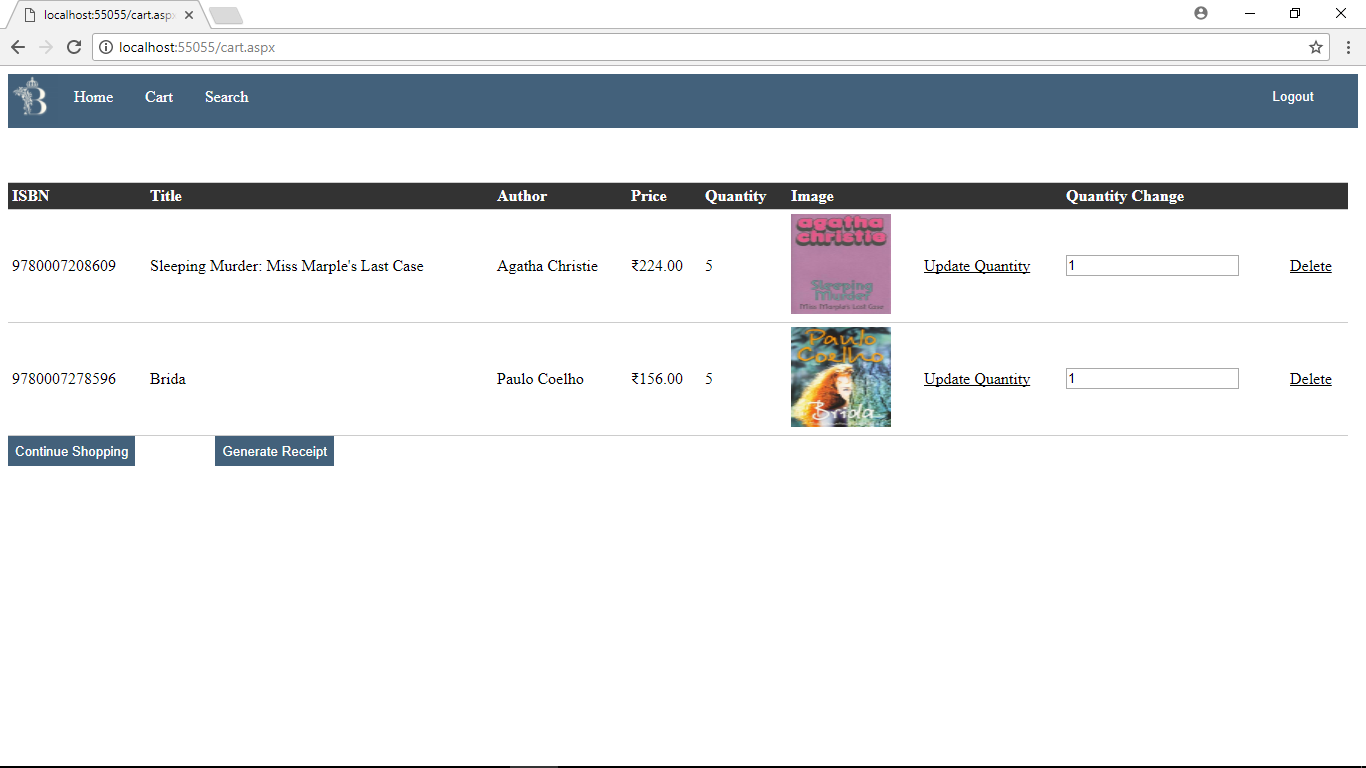
con4.Close();

}

}

}

**Display Cart page**



**Cart.aspx**

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<asp:GridView ID="GridView1" runat="server" OnSelectedIndexChanged="GridView1\_SelectedIndexChanged1" AutoGenerateColumns="False" OnRowDeleting="GridView1\_RowDeleting" BackColor="White" BorderColor="#CCCCCC" BorderStyle="None" BorderWidth="1px" CellPadding="4" ForeColor="Black" GridLines="Horizontal"

AllowSorting="True" Width="1340px"

>

<Columns>

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

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

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

<asp:BoundField DataField="Price" HeaderText="Price" DataFormatString="{0:c2}"/>

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

<asp:TemplateField HeaderText="Image">

<ItemTemplate>

<asp:Image ID="Image1" runat="server" Height="100px" Width="100px"

ImageUrl='<%# "data:Image/png;base64,"

+ Convert.ToBase64String((byte[])Eval("Image")) %>' />

</ItemTemplate>

</asp:TemplateField>

<asp:ButtonField Text="Update Quantity" CommandName="Select" ButtonType="Link"/>

<asp:TemplateField HeaderText="Quantity Change">

<ItemTemplate>

<asp:TextBox runat="server" id ="qtytb"> </asp:TextBox>

</ItemTemplate>

</asp:TemplateField>

<asp:CommandField ShowDeleteButton="true" />

</Columns>

<FooterStyle BackColor="#CCCC99" ForeColor="Black" />

<HeaderStyle BackColor="#333333" Font-Bold="True" ForeColor="White" HorizontalAlign="Left"/>

<PagerStyle BackColor="White" ForeColor="Black" HorizontalAlign="Right" />

<SelectedRowStyle BackColor="#CC3333" Font-Bold="True" ForeColor="White" />

<SortedAscendingCellStyle BackColor="#F7F7F7" />

<SortedAscendingHeaderStyle BackColor="#4B4B4B" />

<SortedDescendingCellStyle BackColor="#E5E5E5" />

<SortedDescendingHeaderStyle BackColor="#242121" />

</asp:GridView>

<asp:Button ID="Button1" runat="server" Text="Continue Shopping" OnClick="Button1\_Click" EnableTheming="false" ForeColor="White" BackColor="#43617B" height="30" BorderStyle="solid" BorderColor="#43617B" BorderWidth="1px" />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button2" runat="server" OnClick="Button2\_Click" Text="Generate Receipt" EnableTheming="false" ForeColor="White" BackColor="#43617B" height="30" BorderStyle="solid" BorderColor="#43617B" BorderWidth="1px" />

</asp:Content>

**Cart.aspx.cs**

public partial class \_Default : System.Web.UI.Page

{

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

{

if (IsPostBack)

{

Dictionary<string, int> d = Session["cart"] as Dictionary<string, int>;

foreach (GridViewRow row in GridView1.Rows)

{

TextBox t = (TextBox)row.Cells[7].FindControl("qtytb");

string ISBN1=row.Cells[0].Text;

int updateq = Convert.ToInt32(t.Text);

int tableqty = 0;

string cs = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

using (SqlConnection con2 = new SqlConnection(cs))

{

SqlCommand cmd = new SqlCommand("select quantity from Book where ISBN ='" + ISBN1 + "';", con2);

//SqlCommand cmd = new SqlCommand("select \* from Book where ISBN ='xx'", con2);

con2.Open();

SqlDataReader rdr = cmd.ExecuteReader();

if(rdr.Read())

{

tableqty = Convert.ToInt32(rdr[0].ToString());

}

}

if(tableqty>=updateq)

{

d[ISBN1] = Convert.ToInt32(t.Text);

}

else

{

ScriptManager.RegisterClientScriptBlock(this, this.GetType(), "alertMessage", "alert('Sorry quantity not available')", true);

}

}

Session["cart"] = d;

}

Dictionary<string, int> ls = Session["cart"] as Dictionary<string, int>;

string wherestring = "";

if (ls != null)

{

foreach (KeyValuePair<string, int> entry in ls)

{

// do something with entry.Value or entry.Key

System.Diagnostics.Debug.Write("dictionary =" + entry.Value + " " + entry.Key + " ");

wherestring += "'" + entry.Key + "',";

}

if (ls.Count > 0)

{

string cs = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

using (SqlConnection con2 = new SqlConnection(cs))

{

SqlCommand cmd = new SqlCommand("select \* from Book where ISBN in (" + wherestring.Substring(0, wherestring.Length - 1) + ")", con2);

//SqlCommand cmd = new SqlCommand("select \* from Book where ISBN ='xx'", con2);

con2.Open();

SqlDataReader rdr = cmd.ExecuteReader();

GridView1.DataSource = rdr;

GridView1.DataBind();

}

}

foreach (GridViewRow row in GridView1.Rows)

{

string isbn1 = row.Cells[0].Text;

int value = ls[isbn1];

TextBox t = (TextBox)row.Cells[7].FindControl("qtytb");

t.Text = value.ToString();

}

}

}

protected void GridView1\_RowDeleting(object sender, GridViewDeleteEventArgs e)

{

Dictionary<string, int> ls = Session["cart"] as Dictionary<string, int>;

if (ls != null)

{

TableCell cell =GridView1.Rows[e.RowIndex].Cells[0];

string sn = cell.Text;

ls.Remove(sn);

Session["cart"] = ls;

}

Response.Redirect("cart.aspx");

}

protected void Button1\_Click(object sender, EventArgs e)

{

Response.Redirect("cusSearch.aspx");

}

protected void Button2\_Click(object sender, EventArgs e)

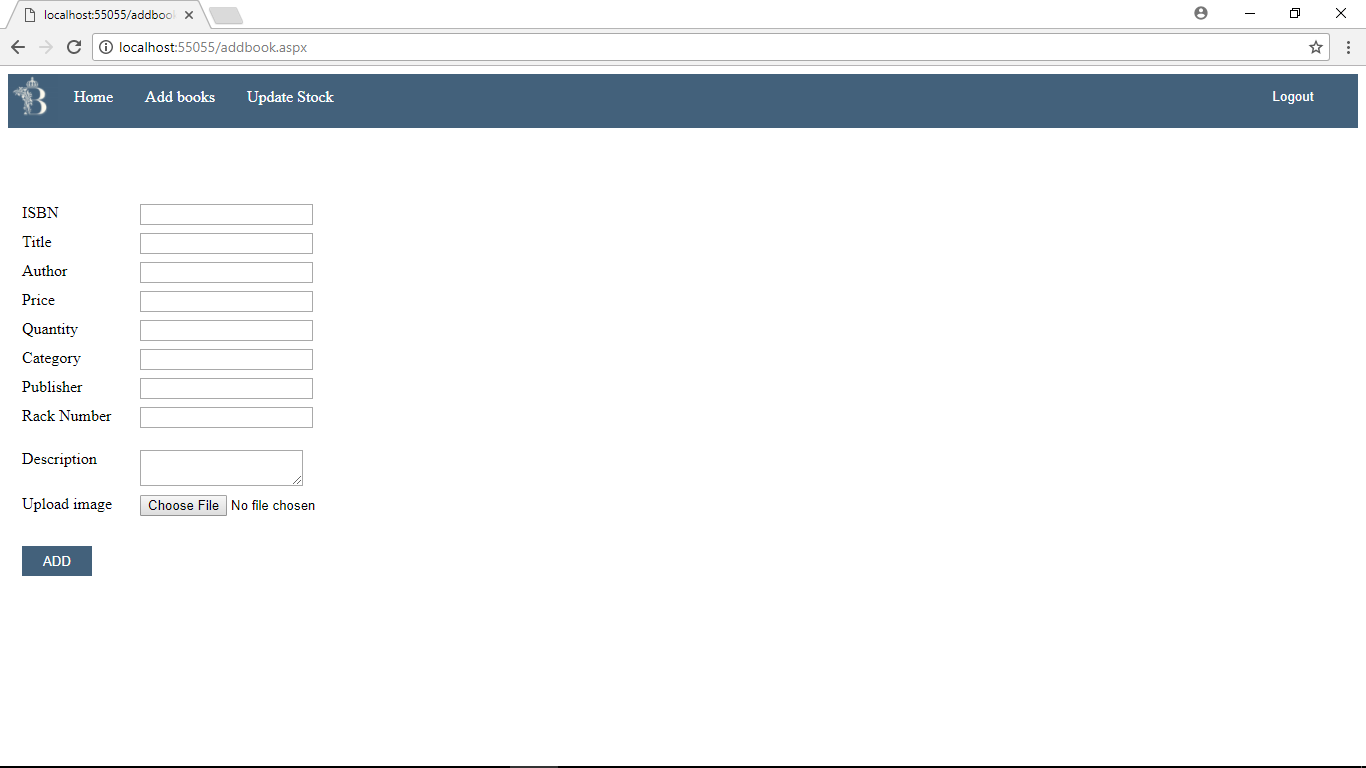
{

Response.Redirect("generateReceipt.aspx");

}

**Employer Profile**

**Adding book page**



**addBook.aspx**

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div>

<asp:Label ID="Label1" runat="server" Text="ISBN" ></asp:Label>

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

<asp:Label ID="Label2" runat="server" Text="Title"

<asp:TextBox ID="titletb" runat="server"

<asp:Label ID="Label3" runat="server" Text="Author"

<asp:TextBox ID="authortb" runat="server"

<asp:Label ID="Label4" runat="server" Text="Price"

<asp:TextBox ID="pricetb" runat="server"

<asp:Label ID="Label5" runat="server" Text="Quantity"

<asp:TextBox ID="quantitytb" runat="server"

<asp:Label ID="Label6" runat="server" Text="Category"

<asp:TextBox ID="categorytb" runat="server"

<asp:Label ID="Label7" runat="server" Text="Publisher"

<asp:TextBox ID="publishertb" runat="server"

<asp:Label ID="Label8" runat="server" Text="Rack Number"

<asp:TextBox ID="racknotb" runat="server"

<asp:Label ID="Label9" runat="server" Text="Description"

<asp:TextBox ID="descripttb" runat="server" TextMode="MultiLine"

<asp:Label ID="Label10" runat="server" Text="Upload image"

<asp:FileUpload ID="FileUpload1" runat="server"

<asp:Button ID="Button1" runat="server" Text="ADD" OnClick="Button1\_Click"

</div>

**Addbook.asxp.cs**

string connectionString = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

SqlConnection con = new SqlConnection();

protected void Button1\_Click(object sender, EventArgs e)

{

con.ConnectionString = connectionString;

HttpPostedFile postedFile = FileUpload1.PostedFile;

string fileName = Path.GetFileName(postedFile.FileName);

string fileExtension = Path.GetExtension(fileName);

int filesize = postedFile.ContentLength;

int rowsaffected = 0;

if (fileExtension.ToLower() == ".jpg" || fileExtension.ToLower() == ".bmp" || fileExtension.ToLower() == ".gif" || fileExtension.ToLower() == ".png")

{

Stream stream = postedFile.InputStream;

BinaryReader binaryReader = new BinaryReader(stream);

byte[] img = binaryReader.ReadBytes((int)stream.Length);

SqlCommand cmd = new SqlCommand("insert into Book values('" + isbntb.Text + "',@title,'" + authortb.Text + "'," + pricetb.Text + "," + quantitytb.Text + ",'" + categorytb.Text + "','" + publishertb.Text + "','" + racknotb.Text + "',@desc,@img)", con);

System.Diagnostics.Debug.Write("insert into Book values('" + isbntb.Text + "','" + titletb.Text + "','" + authortb.Text + "'," + pricetb.Text + "," + quantitytb.Text + ",'" + categorytb.Text + "','" + publishertb.Text + "','" + racknotb.Text + "','" + descripttb.Text + "',@img)");

cmd.Parameters.Add(new SqlParameter("@img", img));

cmd.Parameters.Add(new SqlParameter("@desc", descripttb.Text));

cmd.Parameters.Add(new SqlParameter("@title", titletb.Text));

try

{

con.Open();

rowsaffected= cmd.ExecuteNonQuery();

}

catch (Exception ex)

{

danger.Visible = true;

success.Visible = false;

System.Diagnostics.Debug.Write("here " + ex.Message);

}

finally

{

con.Close();

}

if(rowsaffected>0)

{

danger.Visible = false;

success.Visible = true;

}

}

else

{

danger.Visible = true;

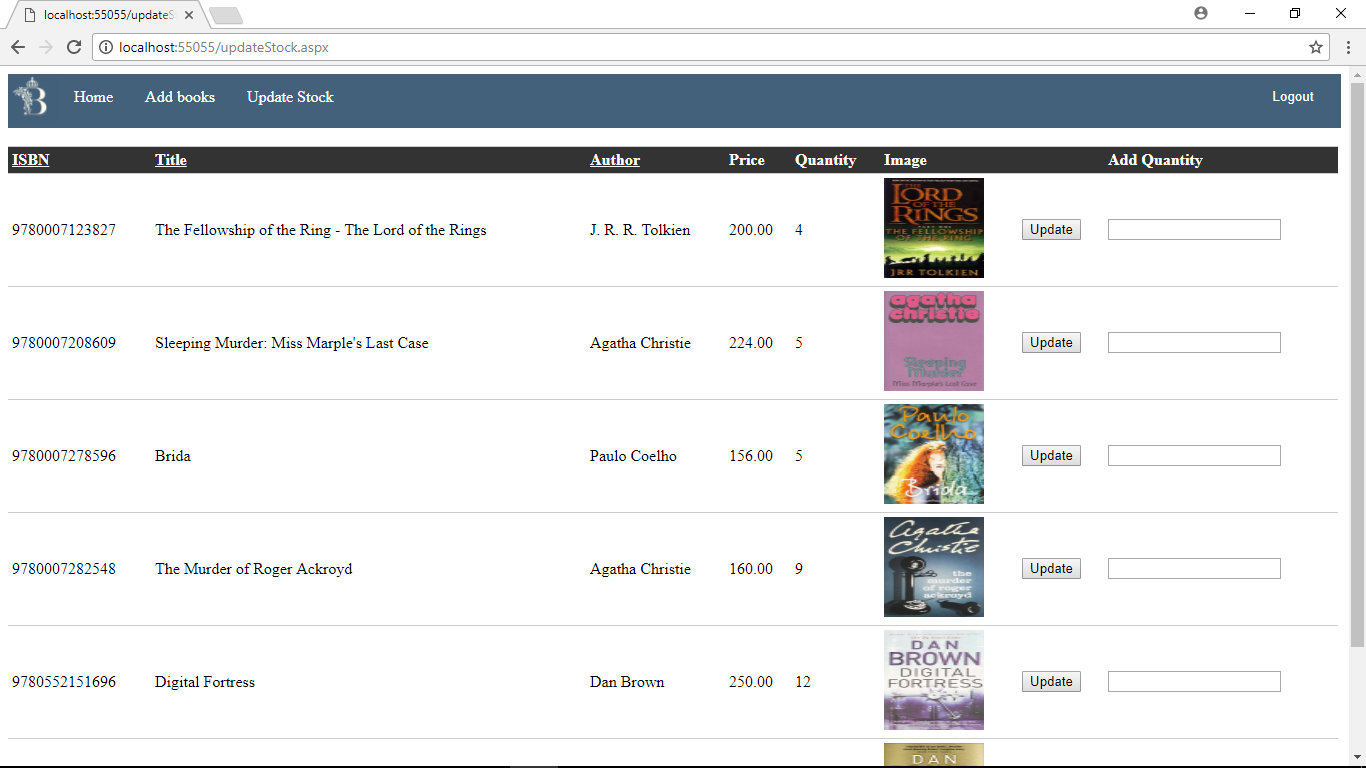
success.Visible = false;

System.Diagnostics.Debug.Write("image wrong uploaded");

}

}

**Update Stock page**



**UpdateStock.aspx**

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<asp:GridView ID="GridView1" runat="server" DataSourceID ="SqlDataSource1" AutoGenerateColumns="False" OnSelectedIndexChanged="GridView1\_SelectedIndexChanged" BackColor="White" BorderColor="#CCCCCC" BorderStyle="None" BorderWidth="1px" CellPadding="4" ForeColor="Black" GridLines="Horizontal"

AllowPaging="True" PageSize="6"

AllowSorting="True" Width="1330px"

>

<Columns>

<asp:BoundField DataField="ISBN" HeaderText="ISBN" SortExpression="ISBN"/>

<asp:BoundField DataField="Title" HeaderText="Title" SortExpression="Title"/>

<asp:BoundField DataField="Author" HeaderText="Author" SortExpression="Author"/>

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

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

<asp:TemplateField HeaderText="Image">

<ItemTemplate>

<asp:Image ID="Image1" runat="server" Height="100px" Width="100px"

ImageUrl='<%# "data:Image/png;base64,"

+ Convert.ToBase64String((byte[])Eval("Image")) %>' />

</ItemTemplate>

</asp:TemplateField>

<asp:ButtonField Text="Update" CommandName="Select" ButtonType="Button"/>

<asp:TemplateField HeaderText="Add Quantity">

<ItemTemplate>

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

</ItemTemplate>

</asp:TemplateField>

</Columns>

</asp:GridView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$ ConnectionStrings:bookdb %>"

SelectCommand="Select \* from Book"

>

</asp:SqlDataSource>

</asp:Content>

**updateStock.aspx.cs**

public partial class \_Default : System.Web.UI.Page

{

string connectionString = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

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

{

}

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

{

TextBox tb = (TextBox)GridView1.SelectedRow.Cells[7].FindControl("qtytb");

if (tb == null)

{

System.Diagnostics.Debug.Write("yes it is null");

}

else

{

int qty = Convert.ToInt32(tb.Text);

string isbn = GridView1.SelectedRow.Cells[0].Text;

SqlConnection con3 = new SqlConnection(connectionString);

SqlCommand cmd3 = new SqlCommand("update Book set Quantity=Quantity+" + qty + " where ISBN='" + isbn + "'", con3);

try

{

con3.Open();

cmd3.ExecuteNonQuery();

}

catch (Exception ex)

{

System.Diagnostics.Debug.Write(ex.Message);

}

finally

{

con3.Close();

}

Response.Redirect("updateStock.aspx");

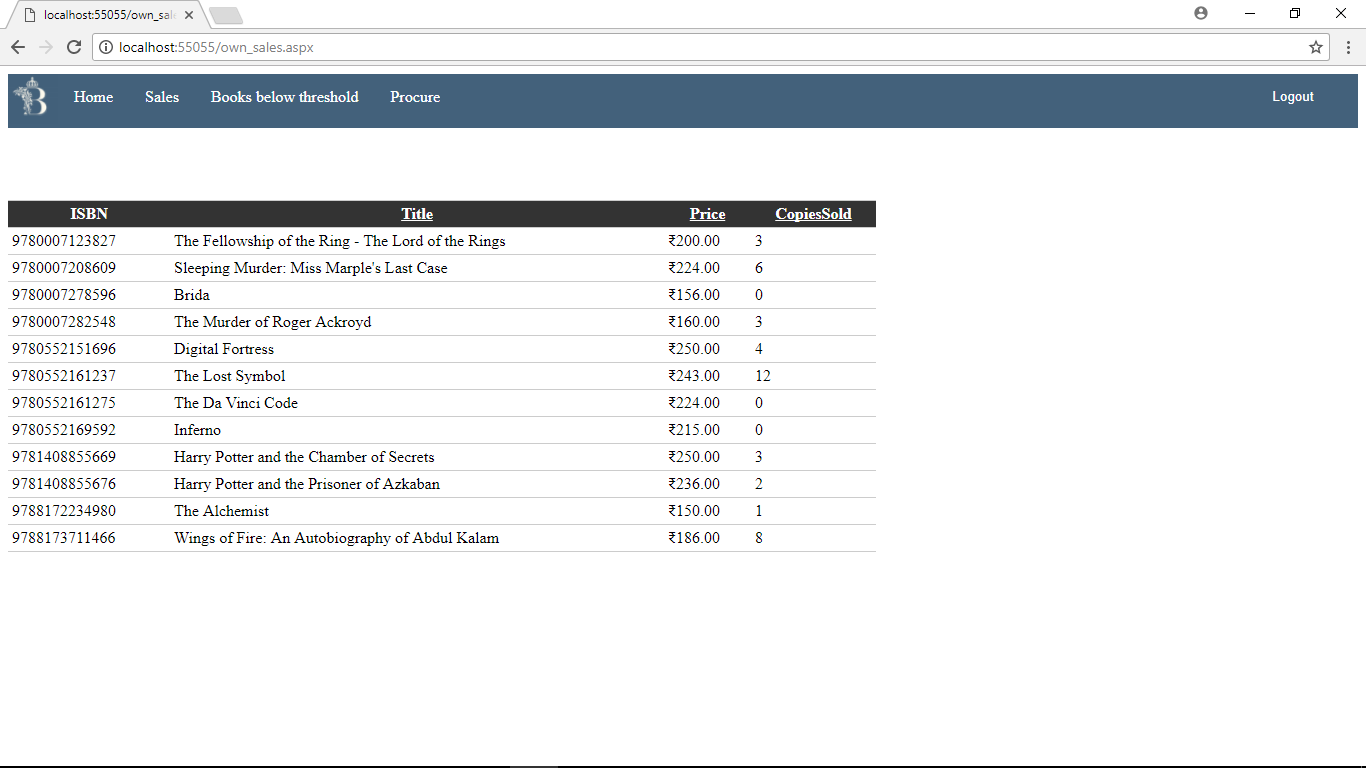
}

}

}

**Owner Profile**

**Sales page**



**Own\_sales.aspx**

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<asp:gridview runat="server" DataSourceID="SqlDataSource1" BackColor="White" BorderColor="#CCCCCC" BorderStyle="None" BorderWidth="1px" CellPadding="4" ForeColor="Black" GridLines="Horizontal"

AllowSorting="true" AutoGenerateColumns="false" Height="151px" Width="868px"

>

<Columns>

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

<asp:BoundField DataField="title" HeaderText="Title" SortExpression="title"/>

<asp:BoundField DataField="price" HeaderText="Price" DataFormatString="{0:c2}" SortExpression="price"/>

<asp:BoundField DataField="CopiesSold" HeaderText="CopiesSold" SortExpression="CopiesSold"/>

</Columns>

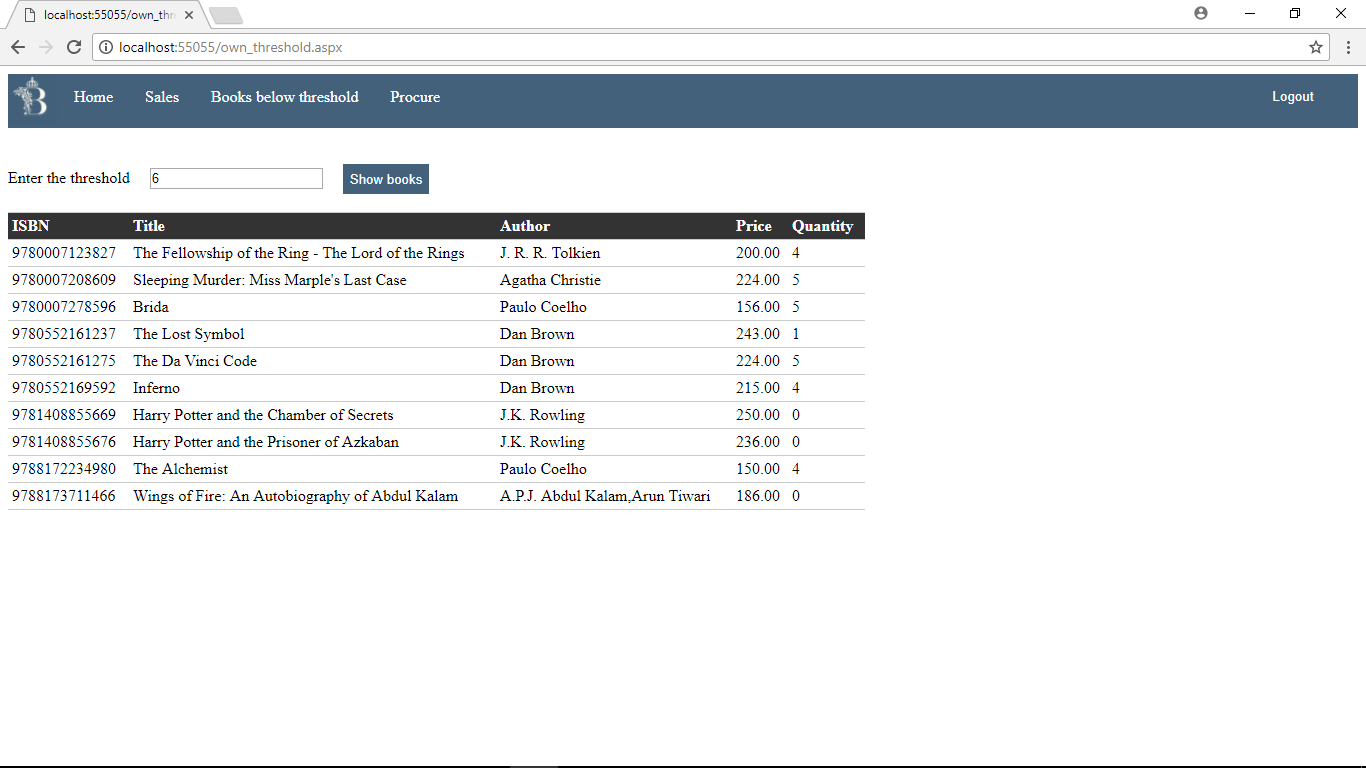
</asp:gridview>

<asp:SqlDataSource ID="SqlDataSource1" runat="server" SelectCommand="select sale.ISBN, title, price, CopiesSold from sale, Book where sale.ISBN = Book.ISBN" ConnectionString="<%$ ConnectionStrings:bookdb %>"></asp:SqlDataSource>

</div>

</asp:Content>

**Books under threshold page**



**Own\_threshold.aspx**

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<div>

<asp:Label ID="Label1" runat="server" Text="Enter the threshold"></asp:Label>

&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>

&nbsp;&nbsp;&nbsp;

<asp:Button ID="showbtn" runat="server" Text="Show books" OnClick="showbtn\_Click" EnableTheming="false" ForeColor="White" BackColor="#43617B" height="30" BorderStyle="solid" BorderColor="#43617B" BorderWidth="1px" />

<asp:gridview ID="gv" runat="server" DataSourceID="SqlDataSource1" BackColor="White" BorderColor="#CCCCCC" BorderStyle="None" BorderWidth="1px" CellPadding="4" ForeColor="Black" GridLines="Horizontal" Height="163px" Width="857px"

>

</asp:gridview>

<asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$ ConnectionStrings:bookdb %>"

SelectCommand="select ISBN,Title,Author,Price,Quantity from Book"

></asp:SqlDataSource>

</div>

</asp:Content>

**Own\_threshold.aspx.cs**

public partial class \_Default : System.Web.UI.Page

{

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

{

}

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

{

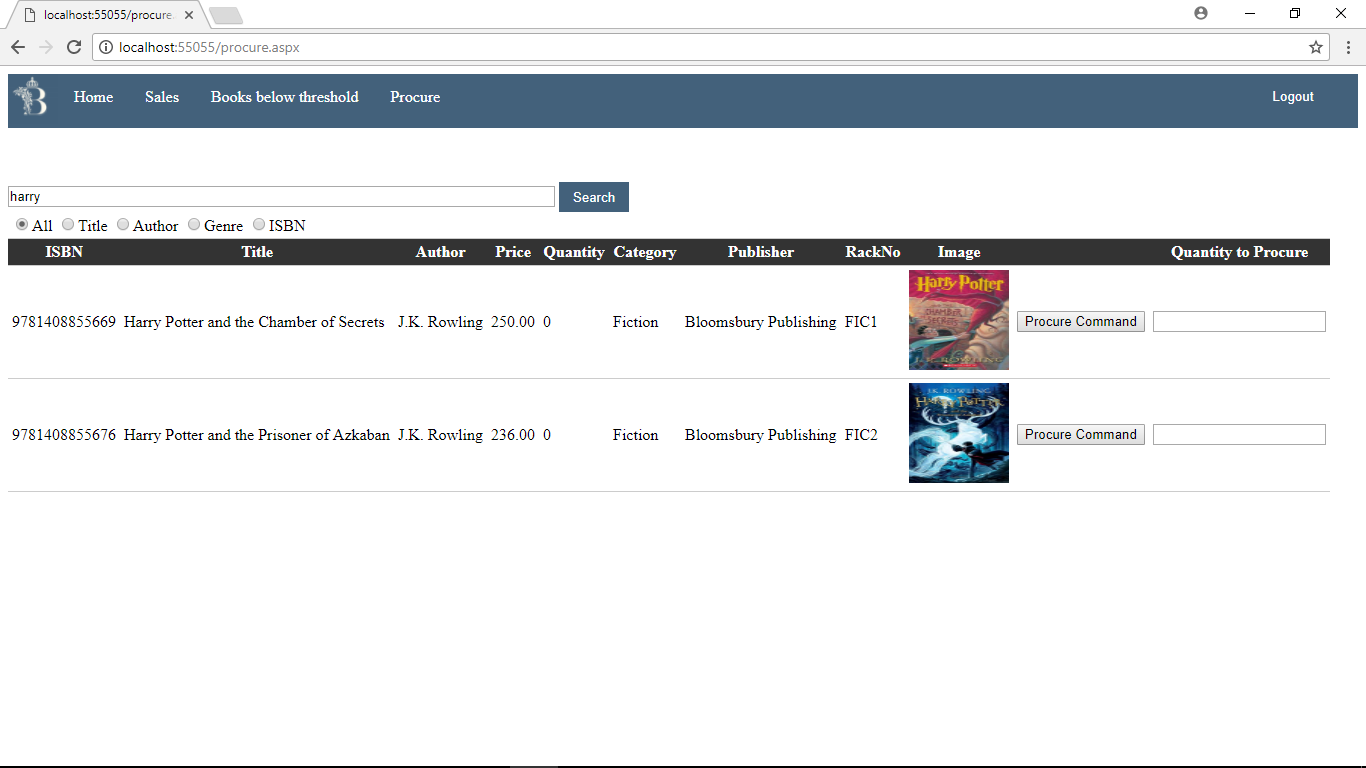
SqlDataSource1.SelectCommand = "select ISBN,Title,Author,Price,Quantity from Book where Quantity <=" + TextBox1.Text;

gv.Visible = true;

}

}

**Command to procure page**



**Procure.aspx**

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">

<asp:TextBox ID="searchtb" runat="server" placeholder="Search by book title or author" Width="543px"></asp:TextBox>

<asp:Button ID="Button1" runat="server" Text="Search" OnClick="Button1\_Click" />

<asp:RadioButtonList ID="RadioButtonList1" runat="server" RepeatDirection="Horizontal">

<asp:ListItem Selected="True">All</asp:ListItem>

<asp:ListItem>Title</asp:ListItem>

<asp:ListItem>Author</asp:ListItem>

<asp:ListItem>Genre</asp:ListItem>

<asp:ListItem>ISBN</asp:ListItem>

</asp:RadioButtonList>

<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False" OnSelectedIndexChanged="GridView1\_SelectedIndexChanged" BackColor="White" BorderColor="#CCCCCC" BorderStyle="None" BorderWidth="1px" CellPadding="4" ForeColor="Black" GridLines="Horizontal">

<Columns>

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

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

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

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

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

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

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

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

<asp:TemplateField HeaderText="Image">

<ItemTemplate>

<asp:Image ID="Image1" runat="server" Height="100px" Width="100px"

ImageUrl='<%# "data:Image/png;base64,"

+ Convert.ToBase64String((byte[])Eval("Image")) %>' />

</ItemTemplate>

</asp:TemplateField>

<asp:ButtonField Text="Procure Command" CommandName="Select" ButtonType="Button"/>

<asp:TemplateField HeaderText="Quantity to Procure">

<ItemTemplate>

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

</ItemTemplate>

</asp:TemplateField>

</Columns>

</asp:GridView>

<asp:Button ID="Button2" runat="server" Text="Button" OnClick="Button2\_Click" Visible="false"/>

<asp:Label ID="fail" runat="server" Text="No results." Visible="false"></asp:Label>

</asp:Content>

**Procure.aspx.cs**

public partial class \_Default : System.Web.UI.Page

{

//static Dictionary<string, int> dic = new Dictionary<string, int>();

string connectionString = WebConfigurationManager.ConnectionStrings["bookdb"].ConnectionString;

SqlConnection con = new SqlConnection();

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

{

}

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

{

TextBox tb =(TextBox) GridView1.SelectedRow.Cells[10].FindControl("qtytb");

if (tb == null)

{

System.Diagnostics.Debug.Write("yes it is null");

}

else

{

int qty = Convert.ToInt32(tb.Text);

string isbn = GridView1.SelectedRow.Cells[0].Text;

if(Application["procureList"] == null)

{

Dictionary<string, int> dic = new Dictionary<string, int>();

dic.Add(isbn, qty);

Application["procureList"] = dic;

}

else

{

Dictionary<string, int> dic = Application["procureList"] as Dictionary<string, int>;

dic.Add(isbn,qty);

Application["procureList"] = dic;

}

}

}