# Code Help

Epic A: User Basic pages, Authentication and profile

1. Basic pages with navigation

* Create a master page with logo and top menu.
* Master page Menu should contain menu items as Home, login, AboutUs and ContactUs.
* Create respective pages for the menu items and add its navigation urls to the pages.

1. User login and registration

* Add required textboxes, buttons and hyperlink. Register link should navigate to registration page.
* Design register page with required textboxes, buttons and validations.
* Create tbl\_manager, tbl\_hr and tbl\_register tables in SQL Server.
* Insert data of registered user into tbl\_register with status as I.
* UserHome page is a child of master page containing navigation links to home, profile, leaves and payslips page.
* Add logout link label in master pages.
* User session has to created in login page and has to be destroyed in logout button

User Registration code//

string cs = ConfigurationManager.ConnectionStrings["DBCS"].ConnectionString;

using (SqlConnection con = new SqlConnection(cs))

{

SqlCommand cmd = new SqlCommand("insert into tbl\_Register(UserName,Password,ManagerId,EmailId)values" + "(@UserName,@Password,@ManagerId,@EmailId)", con);

try

{

con.Open();

SqlParameter[] sq = new SqlParameter[4];

sq[0] = new SqlParameter("@UserName", TxtName.Text);

sq[1] = new SqlParameter("@Password", TxtPswd.Text);

sq[2] = new SqlParameter("@ManagerId", Txtmid.Text);

sq[3] = new SqlParameter("@EmailId", TxtEmailid.Text);

for (int i = 0; i < sq.Length; i++)

{

cmd.Parameters.Add(sq[i]);

}

cmd.CommandType = CommandType.Text;

cmd.ExecuteNonQuery();

Label8.Text = "Record was successfully added!pls login with Username n pswd";

Label8.ForeColor = System.Drawing.Color.Green;

}

catch (System.Data.SqlClient.SqlException ex)

{

string msg = "Insert Error:";

msg += ex.Message;

throw new Exception(msg);

}

finally

{

ClearControls(Page);

con.Close();

}

} //User Registration code end

//UserLogin Code

string strsql = "select count(\*) from tbl\_Register where username='"+UserName+"' and password='"+Password+"' and status='A'";

SqlCommand cmd = new SqlCommand(strsql, con);

con.Open();

int i = Convert.ToInt32(cmd.ExecuteScalar());

con.Close();

return i;

//UserLogin code end

//WebAdmin Login code

if (DropDownList1.SelectedItem.Text== "Web Admin")

{

if (FormsAuthentication.Authenticate(TxtUname.Text, TxtPwd.Text))

{

FormsAuthentication.RedirectFromLoginPage(TxtUname.Text, false);

Session["User"] = TxtUname.Text;

Response.Redirect("~/Admin/WebAdminHome.aspx");

}

else

{

Label5.Text = "Login failed";

Label5.ForeColor = System.Drawing.Color.Red;

}

}

else if (DropDownList1.SelectedItem.Text == "HR")

{

string s = ConfigurationManager.ConnectionStrings["DBCS"].ConnectionString;

int r = 0;

using (SqlConnection con = new SqlConnection(s))

{

SqlCommand cmd = new SqlCommand("select count(\*) from tbl\_Hr where Uname=@Uname and Password =@Password", con);

con.Open();

SqlParameter sp = new SqlParameter();

cmd.Parameters.AddWithValue("@Uname", TxtUname.Text);

cmd.Parameters.AddWithValue("@Password", TxtPwd.Text);

r=(int)cmd.ExecuteScalar();

}

if (r > 0)

{

Session["User"] = TxtUname.Text;

Response.Redirect("~/HR/HRHome.aspx");

}

else

{

Label5.Text = "Invalid login details";

Label5.ForeColor = System.Drawing.Color.Red;

ClearControls(Page);

}

}

else if (DropDownList1.SelectedItem.Text == "Manager")

{

string s = ConfigurationManager.ConnectionStrings["DBCS"].ConnectionString;

int r = 0;

using (SqlConnection con = new SqlConnection(s))

{

SqlCommand cmd = new SqlCommand("select count(\*) from tbl\_Manager where Uname=@Uname and Password =@Password", con);

con.Open();

SqlParameter sp = new SqlParameter();

cmd.Parameters.AddWithValue("@Uname", TxtUname.Text);

cmd.Parameters.AddWithValue("@Password", TxtPwd.Text);

r = (int)cmd.ExecuteScalar();

}

if (r > 0)

{

Session["User"] = TxtUname.Text;

Response.Redirect("");

}

else

{

Label5.Text = "Invalid login details";

Label5.ForeColor = System.Drawing.Color.Red;

ClearControls(Page);

}

}

//WebAdmin login code end

for webadmin login we need to add login credentials in web.config file--------

under system.web

<authentication mode="Forms">

<forms loginUrl="~/Admin/WebAdminLogin.aspx">

<credentials passwordFormat="Clear">

<user name="admin" password="admin" />

</credentials>

</forms>

</authentication>

1. User Profile

* On page load all the details on the page will be displayed.

SqlDataReader dr;

string strsqlGetId = "select Id from Tbl\_Register where UserName='" + Username + "'";

SqlCommand cmdGetId = new SqlCommand(strsqlGetId, con);

con.Open();

string Id = (cmdGetId.ExecuteScalar()).ToString();

con.Close();

string strsql = "select a.Id,a.UserName,a.EmailId,a.MId,b.UserName from tbl\_Register a inner join tbl\_Manager b on a.MId=b.MId where Id='" + Id + "'";

SqlCommand cmd = new SqlCommand(strsql, con);

con.Open();

dr = cmd.ExecuteReader();