

**LINKEDIN FOR STUDENTS PLACEMENTS**

**PRT 452 SOFTWARE ENGINEERING: PROCESS AND TOOLS**

|  |  |  |
| --- | --- | --- |
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**Software’s Used:**

* **Visual Studio 2015 express /enterprise edition.  
  SQL Server 2008 R2.**  
  Download Link: <https://drive.google.com/open?id=0B4K90wXZmUNpeUlTVUZrMnUxT00>
* Installation of **Visual Studio 15 Community**

Download Link: <https://imagine.microsoft.com/en-us/Catalog/Product/101>

# CODE

**SignIn.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/MainSite.Master" AutoEventWireup="true" CodeBehind="SignIn.aspx.cs" Inherits="LinkedInPortal.Register.SignIn" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

<script>

$(document).ready(function () {

$('#liSignIn').addClass('active');

$('#liSearchJob').removeClass('active');

$('#liPostJob').removeClass('active');

});

</script>

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

<div class="container">

<div class="card card-container">

<!-- <img class="profile-img-card" src="//lh3.googleusercontent.com/-6V8xOA6M7BA/AAAAAAAAAAI/AAAAAAAAAAA/rzlHcD0KYwo/photo.jpg?sz=120" alt="" /> -->

<img id="profile-img" class="profile-img-card" src="//ssl.gstatic.com/accounts/ui/avatar\_2x.png" />

<p id="profile-name" class="profile-name-card"></p>

<div class="container-fluid">

<!--<h3>Sign In</h3>-->

<hr />

<div class="row">

<div class="col-md-2">

</div>

<div class="col-md-8">

<div class="form-horizontal">

<div class="form-group">

<div class="col-md-50">

<asp:TextBox ID="txtUsername" runat="server" CssClass="form-control" placeholder="Email address"></asp:TextBox>

</div>

</div>

<div class="form-group">

<div class="col-md-50">

<asp:TextBox ID="txtPassword" runat="server" TextMode="Password" CssClass="form-control" placeholder="Password"></asp:TextBox>

</div>

</div>

<div class="form-group">

<div class="col-md-2">

</div>

<div class="col-md-50">

<asp:Button ID="btnSignIn" runat="server" CssClass="btn btn-success" Text="Sign In" OnClick="btnSignIn\_Click"></asp:Button>&nbsp;&nbsp;

</div>

</div>

<div class="form-group">

<div class="col-md-2">

</div>

<div class="col-md-12">

Not a member?

<asp:HyperLink ID="hlRegister" runat="server" Text="Register" NavigateUrl="~/Register/SignUp.aspx"></asp:HyperLink>

</div>

</div>

</div>

</div>

<div class="col-md-4">

</div>

</div>

</div>

</div>

</div>

</asp:Content>

**SignIn.aspx.cs**

using System;

using System.Collections.Generic;

using System.Data;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace LinkedInPortal.Register

{

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

{

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

{

}

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

{

DataTable dtdData = LinkedInPortalBAL.Register.LoginDetail(txtUsername.Text, txtPassword.Text);

if (dtdData.Rows.Count > 0)

{

Session["UserID"] = dtdData.Rows[0]["UserId"].ToString();

Session["Username"] = dtdData.Rows[0]["Firstname"].ToString() + dtdData.Rows[0]["Lastname"].ToString();

Session["UserTypeId"] = dtdData.Rows[0]["UserTypeId"].ToString();

Response.Redirect("../Home/Dashboard.aspx");

}

}

}

}

**SignUp.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/MainSite.Master" AutoEventWireup="true" CodeBehind="SignUp.aspx.cs" Inherits="LinkedInPortal.Register.SignUp" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

<script>

$(document).ready(function () {

$('#liSignIn').addClass('active');

$('#liSearchJob').removeClass('active');

$('#liPostJob').removeClass('active');

$('#ContentPlaceHolder1\_rdbtnRegisterOption\_1').change(function () {

$('#divStudent').hide();

$('#divRecruiter').show();

});

$('#ContentPlaceHolder1\_rdbtnRegisterOption\_0').change(function () {

$('#divStudent').show();

$('#divRecruiter').hide();

});

});

</script>

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

<div class="container-fluid">

<h3>Sign Up</h3>

<hr />

<div class="row">

<div class="col-md-2">

</div>

<div class="col-md-8">

<div class="form-horizontal">

<div class="form-group">

<div class="col-md-2 control-label">

Are you a?

</div>

<div class="col-md-7">

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

<asp:ListItem Text="Student" Value="1" Selected="True"></asp:ListItem>

<asp:ListItem Text="Recruiter" Value="2"></asp:ListItem>

</asp:RadioButtonList>

</div>

</div>

<div class="form-group">

<div class="col-md-2 control-label">

First Name

</div>

<div class="col-md-4">

<asp:TextBox ID="txtFirstName" runat="server" CssClass="form-control"></asp:TextBox>&nbsp;&nbsp;

</div>

<div class="col-md-2 control-label">

Last Name

</div>

<div class="col-md-4">

<asp:TextBox ID="txtLastName" runat="server" CssClass="form-control"></asp:TextBox>

</div>

</div>

<div class="form-group">

<div class="col-md-2 control-label">

Email

</div>

<div class="col-md-4">

<asp:TextBox ID="txtEmail" runat="server" CssClass="form-control"></asp:TextBox>

</div>

<div class="col-md-2 control-label">

Contact Number

</div>

<div class="col-md-4">

<asp:TextBox ID="txtContactNumber" runat="server" CssClass="form-control"></asp:TextBox>

</div>

</div>

<div class="form-group">

<div class="col-md-2 control-label">

Gender

</div>

<div class="col-md-7">

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

<asp:ListItem Text="Male" Value="True"></asp:ListItem>

<asp:ListItem Text="Female" Value="False"></asp:ListItem>

</asp:RadioButtonList>

</div>

</div>

<div id="divStudent">

<div class="form-group">

<div class="col-md-2 control-label">

Matriculation(%)

</div>

<div class="col-md-4">

<asp:TextBox ID="txtMatriculation" runat="server" CssClass="form-control"></asp:TextBox>

</div>

<div class="col-md-2 control-label">

Intermediate(%)

</div>

<div class="col-md-4">

<asp:TextBox ID="txtIntermediate" runat="server" CssClass="form-control"></asp:TextBox>

</div>

</div>

<div class="form-group">

<div class="col-md-2 control-label">

Graduation(%)

</div>

<div class="col-md-4">

<asp:TextBox ID="txtGraduation" runat="server" CssClass="form-control"></asp:TextBox>

</div>

<div class="col-md-2 control-label">

Post Graduation(%)

</div>

<div class="col-md-4">

<asp:TextBox ID="txtPostGraduation" runat="server" CssClass="form-control"></asp:TextBox>

</div>

</div>

</div>

<div id="divRecruiter" style="display:none;">

<div class="form-group">

<div class="col-md-2 control-label">

Organisation

</div>

<div class="col-md-4">

<asp:TextBox ID="txtOrganisation" runat="server" CssClass="form-control"></asp:TextBox>

</div>

<div class="col-md-2 control-label">

Address

</div>

<div class="col-md-4">

<asp:TextBox ID="txtAddress" runat="server" CssClass="form-control"></asp:TextBox>

</div>

</div>

</div>

<div class="form-group">

<div class="col-md-2 control-label">

Password

</div>

<div class="col-md-4">

<asp:TextBox ID="txtPassword" runat="server" CssClass="form-control" TextMode="Password"></asp:TextBox>

</div>

<div class="col-md-2 control-label">

Confirm Password

</div>

<div class="col-md-4">

<asp:TextBox ID="txtConfirmPassword" runat="server" CssClass="form-control" TextMode="Password"></asp:TextBox>

</div>

</div>

<div class="form-group">

<div class="col-md-2">

</div>

<div class="col-md-5">

<asp:Button ID="btnSignup" runat="server" CssClass="btn btn-success" Text="Sign Up" OnClick="btnSignup\_Click"></asp:Button>&nbsp;&nbsp;

</div>

</div>

</div>

</div>

<div class="col-md-2">

</div>

</div>

</div>

</asp:Content>

**SignUp.aspx.cs**

using System;

using System.Collections.Generic;

using System.Data;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace LinkedInPortal.Register

{

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

{

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

{

}

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

{

DataTable dtdData = LinkedInPortalBAL.Register.LoginDetail(txtUsername.Text, txtPassword.Text);

if (dtdData.Rows.Count > 0)

{

Session["UserID"] = dtdData.Rows[0]["UserId"].ToString();

Session["Username"] = dtdData.Rows[0]["Firstname"].ToString() + dtdData.Rows[0]["Lastname"].ToString();

Session["UserTypeId"] = dtdData.Rows[0]["UserTypeId"].ToString();

Response.Redirect("../Home/Dashboard.aspx");

}

}

}

}

**Post.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/MainSite.Master" AutoEventWireup="true" CodeBehind="Post.aspx.cs" Inherits="LinkedInPortal.Job.Post" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

<script>

$(document).ready(function () {

$('#liSignIn').removeClass('active');

$('#liSearchJob').removeClass('active');

$('#liPostJob').addClass('active');

});

</script>

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

<div class="container-fluid">

<h3>Post Job Requirement</h3>

<hr />

<div class="row">

<div class="col-md-2">

</div>

<div class="col-md-8">

<div class="form-horizontal">

<div class="form-group">

<div class="col-md-12">

<h4>Company Information</h4>

<hr />

</div>

</div>

<div class="form-group">

<div class="col-md-2 control-label">

Company Name

</div>

<div class="col-md-4">

<asp:TextBox ID="txtCompanyName" runat="server" CssClass="form-control"></asp:TextBox>&nbsp;&nbsp;

</div>

<div class="col-md-2 control-label">

Company Website

</div>

<div class="col-md-4">

<asp:TextBox ID="txtWebsite" runat="server" CssClass="form-control"></asp:TextBox>

</div>

</div>

<div class="form-group">

<div class="col-md-2 control-label">

Company Email

</div>

<div class="col-md-4">

<asp:TextBox ID="txtEmail" runat="server" CssClass="form-control"></asp:TextBox>

</div>

<div class="col-md-2 control-label">

</div>

<div class="col-md-4">

</div>

</div>

<div class="form-group">

<div class="col-md-12">

<h4>Job Information</h4>

<hr />

</div>

</div>

<div class="form-group">

<div class="col-md-2 control-label">

Job Type

</div>

<div class="col-md-4">

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

<asp:ListItem Text="Full Time" Value="Fulltime" Selected="True"></asp:ListItem>

<asp:ListItem Text="Part Time" Value="Parttime"></asp:ListItem>

</asp:RadioButtonList>

</div>

<div class="col-md-2 control-label">

Location

</div>

<div class="col-md-4">

<asp:TextBox ID="txtLocation" runat="server" CssClass="form-control"></asp:TextBox>

</div>

</div>

<div class="form-group">

<div class="col-md-2 control-label">

Required Course

</div>

<div class="col-md-4">

<asp:DropDownList ID="ddlCourse" runat="server" CssClass="form-control">

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

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

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

</asp:DropDownList>

</div>

<div class="col-md-2 control-label">

Description

</div>

<div class="col-md-4">

<asp:TextBox ID="txtDescription" runat="server" CssClass="form-control" TextMode="MultiLine"></asp:TextBox>

</div>

</div>

<div class="form-group">

<div class="col-md-2">

</div>

<div class="col-md-5">

<asp:Button ID="btnPost" runat="server" CssClass="btn btn-success" Text="Post Job" OnClick="btnPost\_Click"></asp:Button>&nbsp;&nbsp;

</div>

</div>

</div>

</div>

<div class="col-md-2">

</div>

</div>

</div>

</asp:Content>

**Post.aspx.cs**

using System;

using System.Collections.Generic;

using System.Data;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace LinkedInPortal.Job

{

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

{

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

{

if (Convert.ToString(Session["UserID"]) == "")

{

Response.Redirect("../Register/SignIn.aspx");

}

}

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

{

string strJobType = "";

for (int i = 0; i < rdbtnJobType.Items.Count; i++)

{

if (rdbtnJobType.Items[i].Selected)

strJobType = rdbtnJobType.Items[i].Value;

}

DataTable dtData = LinkedInPortalBAL.Job.PostJob(txtCompanyName.Text, txtWebsite.Text, txtEmail.Text, strJobType, txtLocation.Text, ddlCourse.SelectedItem.Value, txtDescription.Text, Convert.ToInt16(Session["UserID"]));

if (dtData.Rows.Count > 0)

Response.Redirect("../Job/Search.aspx");

}

}

}

**Search.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/MainSite.Master" AutoEventWireup="true" CodeBehind="Search.aspx.cs" Inherits="LinkedInPortal.Job.Search" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

<script type="text/javascript">

$(document).ready(function () {

var hdnUserTypeID = $('#ContentPlaceHolder1\_hdnUserTypeID').val();

$.ajax({

type: "GET",

dataType: "json",

url: "../Service/JobWebService.asmx/GetJobList",

success: function (data) {

var datatableVariable = $('#tblJobList').DataTable({

data: data,

columns: [

{ 'data': 'CompanyName' },

{ 'data': 'CompanyWebsite' },

{ 'data': 'CompanyEmail' },

{ 'data': 'JobType' },

{ 'data': 'Location' },

{ 'data': 'Course' },

{

'data': 'JobID',

"render": function (data, type, row, meta) {

if (type === 'display' && hdnUserTypeID != 2) {

data = '<a href="#" onclick="return checkForApply(' + data + ')">Apply</a>';

} else { data = '' }

return data;

}

}]

});

}

});

});

function checkForApply(data1) {

var hdnUserTypeID = $('#ContentPlaceHolder1\_hdnUserTypeID').val();

if (hdnUserTypeID != "") {

$.ajax({

type: "GET",

dataType: "json",

data: { 'UserID': hdnUserTypeID, 'JobID': data1 },

url: "../Service/JobWebService.asmx/ApplyJob",

success: function (data) {

alert('Job applied successfully.');

},

error: function (result, error) {

alert('Something went wrong. Please try again later.');

return false;

}

});

} else {

alert('Please login to apply for the job.');

}

}

</script>

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

<div class="container-fluid">

<h3>Search Jobs</h3>

<hr />

<div class="row">

<div class="col-md-2">

<asp:HiddenField ID="hdnUserTypeID" runat="server" />

</div>

<div class="col-md-8">

<table id="tblJobList" class="table table-striped table-bordered">

<thead>

<tr>

<th>Company Name</th>

<th>Website</th>

<th>Company Email</th>

<th>Job Type</th>

<th>Course</th>

<th>Location</th>

<th></th>

</tr>

</thead>

</table>

</div>

<div class="col-md-2">

</div>

</div>

</div>

</asp:Content>

**Search.aspx.cs**

using System;

using System.Collections.Generic;

using System.Data;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace LinkedInPortal.Job

{

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

{

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

{

if (Session["UserTypeId"] != null)

hdnUserTypeID.Value = Session["UserTypeId"].ToString();

else

hdnUserTypeID.Value = "";

}

}

}

**User Registration table query.**

CREATE TABLE [dbo].[tblUser](

[UserId] [int] IDENTITY(1,1) NOT NULL,

[Firstname] [nvarchar](100) NOT NULL,

[Lastname] [nvarchar](100) NULL,

[UserTypeId] [int] NULL,

[Email] [nvarchar](150) NULL,

[ContactNumber] [nvarchar](50) NULL,

[Gender] [bit] NULL,

[Matriculation] [int] NULL,

[Intermediate] [int] NULL,

[Graduation] [int] NULL,

[PostGraduation] [int] NULL,

[Password] [nvarchar](50) NULL,

[Organisation] [nvarchar](50) NULL,

[Address] [nvarchar](max) NULL,

[IsActive] [bit] NOT NULL,

[CreatedDate] [datetime2](7) NULL,

[DeletedDate] [datetime2](7) NULL,

[DeletedBy] [int] NULL,

CONSTRAINT [PK\_tblUser] PRIMARY KEY)

**Post Job table Query:**

CREATE TABLE [dbo].[tblJobDetail](

[JobID] [int] IDENTITY(1,1) NOT NULL,

[CompanyName] [nvarchar](100) NULL,

[CompanyWebsite] [nvarchar](100) NULL,

[CompanyEmail] [nvarchar](100) NULL,

[JobType] [nvarchar](10) NULL,

[Location] [nvarchar](100) NULL,

[Course] [nvarchar](50) NULL,

[Description] [nvarchar](max) NULL,

[CreatedBy] [int] NULL,

[CreatedDate] [datetime2](7) NULL,

[DeletedBy] [int] NULL,

[DeletedDate] [datetime2](7) NULL,

[IsActive] [bit] NULL,

CONSTRAINT [PK\_tblJobDetail] PRIMARY KEY)

**Mainsite.master**

<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="MainSite.master.cs" Inherits="LinkedInPortal.MainSite" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" />

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css" />

<link href="Content/Site.css" rel="stylesheet" />

<script src="https://code.jquery.com/jquery-1.12.4.js"></script>

<script src="https://code.jquery.com/ui/1.12.1/jquery-ui.min.js"></script>

<asp:ContentPlaceHolder ID="head" runat="server">

<script>

$(document).ready(function () {

});

</script>

</asp:ContentPlaceHolder>

</head>

<body>

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

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<!-- Brand and toggle get grouped for better mobile display -->

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="../Home/Dashboard.aspx">LINKEDIN</a>

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<ul class="nav navbar-nav">

<li id="liSearchJob" class="active"><a href="../Job/Search.aspx">Search Jobs <span class="sr-only">(current)</span></a></li>

<li id="liPostJob" runat="server"><a href="../Job/Post.aspx">Post Jobs</a></li>

</ul>

<ul class="nav navbar-nav navbar-right">

<li id="liSignIn">

<asp:LinkButton ID="lnkSignIn" runat="server" OnClick="lnkSignIn\_Click">SignIn</asp:LinkButton></li>

<%-- <li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false">Dropdown <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="#">Action</a></li>

<li><a href="#">Another action</a></li>

<li><a href="#">Something else here</a></li>

<li role="separator" class="divider"></li>

<li><a href="#">Separated link</a></li>

</ul>

</li>--%>

</ul>

</div>

<!-- /.navbar-collapse -->

</div>

<!-- /.container-fluid -->

</nav>

<div>

<asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">

</asp:ContentPlaceHolder>

</div>

</form>

<link rel="stylesheet" type="text/css" href="https://cdn.datatables.net/u/dt/dt-1.10.12/datatables.min.css" />

<script type="text/javascript" src="https://cdn.datatables.net/u/dt/dt-1.10.12/datatables.min.js"></script>

<div style="border: 1px solid gray; width: 100%; bottom: 0; margin-bottom: 20px; padding: 20px; position: absolute; left: 0; color: gainsboro; background-color:black">

</div>

</body>

</html>

**Dashboard.aspx**

<%@ Page Title="" Language="C#" MasterPageFile="~/MainSite.Master" AutoEventWireup="true" CodeBehind="Dashboard.aspx.cs" Inherits="LinkedInPortal.Dashboard.Dashboard" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

</asp:Content>

**Dashboard.aspx.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace LinkedInPortal.Dashboard

{

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

{

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

{

}

}

}