



A job seeker's tool for tracking the employment-finding process.

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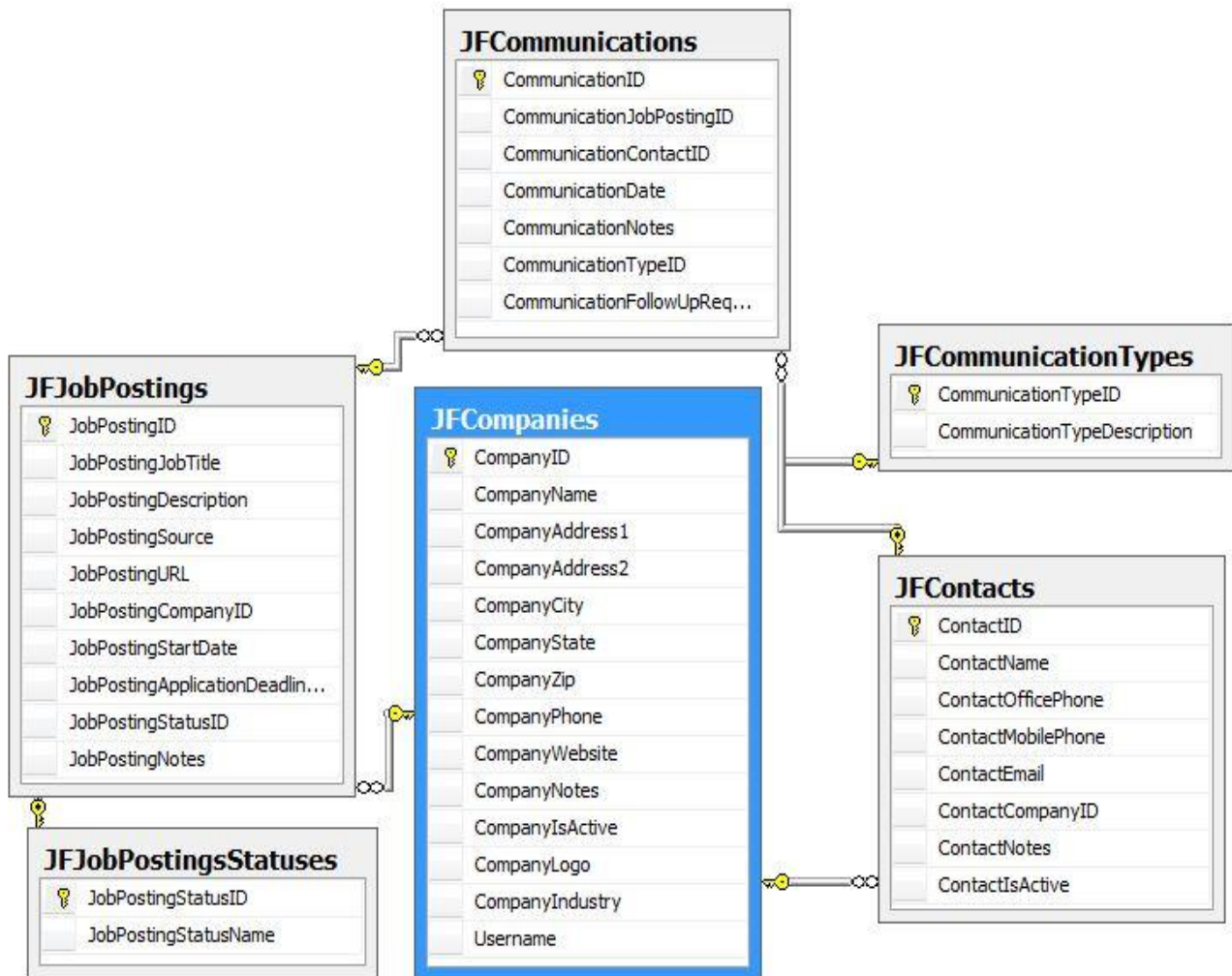
Presented 10/26/2012

Project Requirements

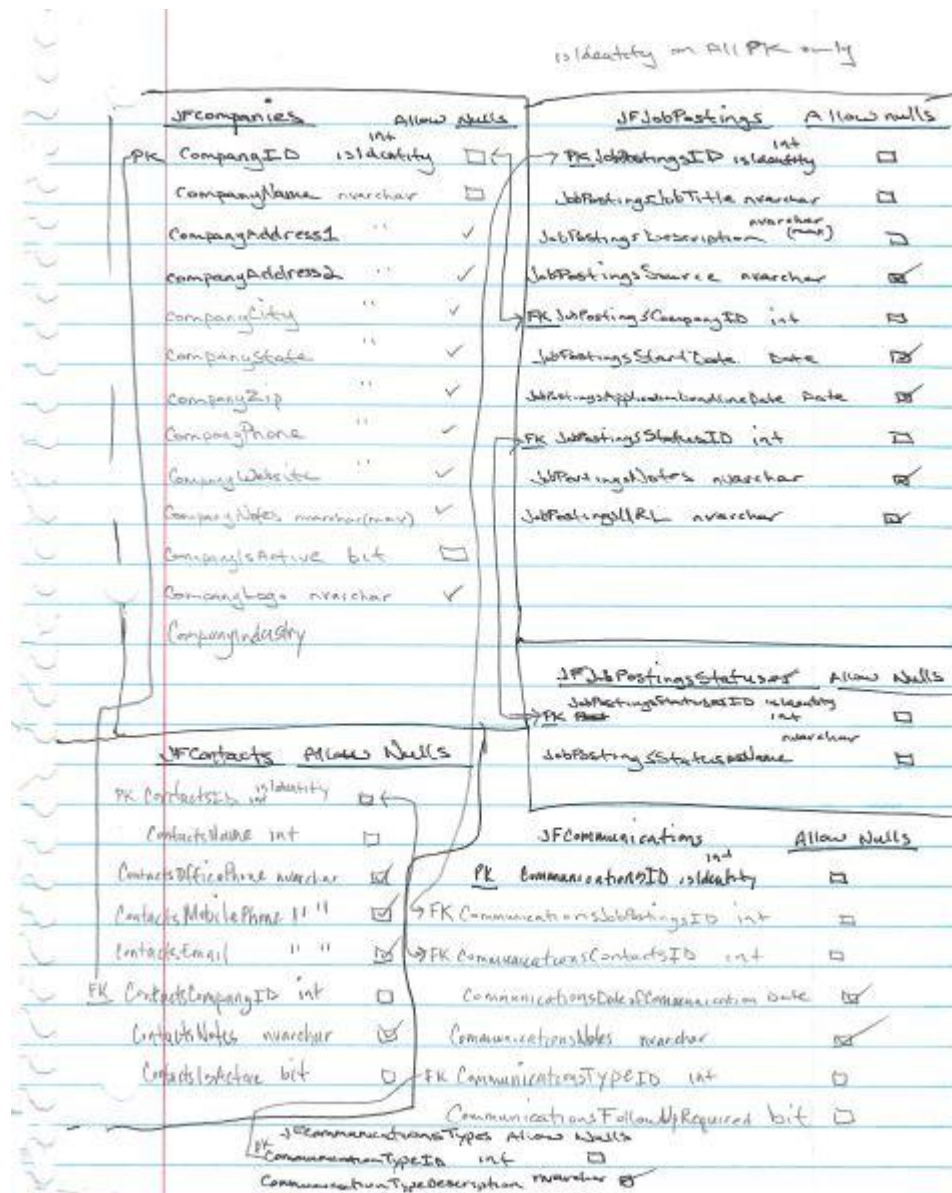
The Job Finder project has been designed to utilize the majority of skills that I have learned to this point. The core of this project is an ASP.NET 4.0 website that utilizes ADO.NET to manage job posting data and to track any correspondence related to the postings. An overview of the minimum requirements is as follows:

- Minimum Website Content: Default.aspx, Companies.aspx, JobPostings.aspx, Contacts.aspx, Communications.aspx, Masterpage/CSS/Images.
- Display a Master view on all pages and enable Inserting and Updating.
- Create a database to house all data.
- All non-PK ID selections for Inserting and Updating should be done with Dropdown lists.
- AJAX Calendar controls for any dates.
- Validation controls on all required fields.

Database Design (Sql Server)



Database Notes/Planning



Manage Companies – Admin only

<input type="checkbox"/> - Show Inactive Companies				Add new company		
	Company	View Jobs	City	State	View Contacts	
Select	Christian Foundation for Children & Aging	View Jobs	Kansas City	KS	View Contacts	Change Status
Select	ATallgrass Technologies	View Jobs	Lenexa	KS	View Contacts	Change Status
Select	Commerce Bank	View Jobs	Kansas City	MO	View Contacts	Change Status
Select	Paige Technologies	View Jobs	Overland Park	KS	View Contacts	Change Status
Select	Uplift	View Jobs	Kansas City	MO	View Contacts	Change Status
1 2						

- Master view of all Companies that are “active”
- Grid View/Custom Form View of Companies
- Ajax AsyncFileUpload for Company logo on edit/insert
- GUID to create a new unique image name
- Linq to Sql for updating Form View datasource
- Ajax watermarks on Phone and Website textboxes

Company Insert

CompanyLogo:
 No file chosen

CompanyIsActive: ☐

CompanyName:

CompanyAddress1:

CompanyAddress2:

CompanyCity:

CompanyState:

CompanyZip:

CompanyPhone:

CompanyWebsite:

CompanyIndustry:

CompanyNotes:

Company Form View

Triple-I Corporation
 6330 Lamar Avenue
 Overland Park , KS 66202
 (913)563- Government and
 7200 Commercial

CompanyIsActive: ☒

AsyncFileUpload:

```
protected void AsyncFileUpload1_UploadedComplete(object
sender, AjaxControlToolkit.AsyncFileUploadEventArgs e)
{
    #region LOGO UPLOAD
        //find the control in the formview
        AsyncFileUpload afuLogo =
        (AsyncFileUpload)fvSelectedCompany.FindControl
        ("AsyncFileUpload1");

        //generate a new unique image name
        //get the original filename for its file extension
        string imageName = afuLogo.FileName;//tells u the name of
        the filename they are uploading

        //get the extension
        string ext =imageName.Substring(imageName.LastIndexOf("."));

        //create a random unique filename (use GUID)
        //GUID creates a unique value, then tack on the extension
        string newImageName = Guid.NewGuid().ToString() + ext;

        //save the image to the students images folder using the new
        name
        afuLogo.SaveAs(Server.MapPath("~/images/" + newImageName));

    #endregion

    //When the record above is inserted or uploaded, we will
    //need the new filename to be used in the CompanyLogo field.
    Session["newImage"] = newImageName;
}
```

Job Postings

The screenshot shows a web form for posting a job. The form has a teal background and white text. The fields are as follows:

- Job Title:** A text input field with a red asterisk and the text "* Enter a Job Title".
- Status:** A dropdown menu with the text "[-Choose Status-]" and a red asterisk with the text "* Choose Status".
- Company:** A dropdown menu with the text "[-Choose Company-]" and a red asterisk with the text "* Choose a Company".
- Job Description:** A text area with a placeholder text "Max Length jquery plugin. See label count that has custom CSS." and a character count "3838 characters remaining (4000 maximum)".
- Post Date:** A date picker control showing a calendar for October 2012. The date 24 is selected. Below the calendar, it says "Today: October 24, 2012".
- Close Date:** A date input field.
- Source:** A text input field.
- Notes:** A text area with a character count "1808 characters remaining (2000 maximum)".

At the bottom left, there are two buttons: "Insert" and "Cancel".

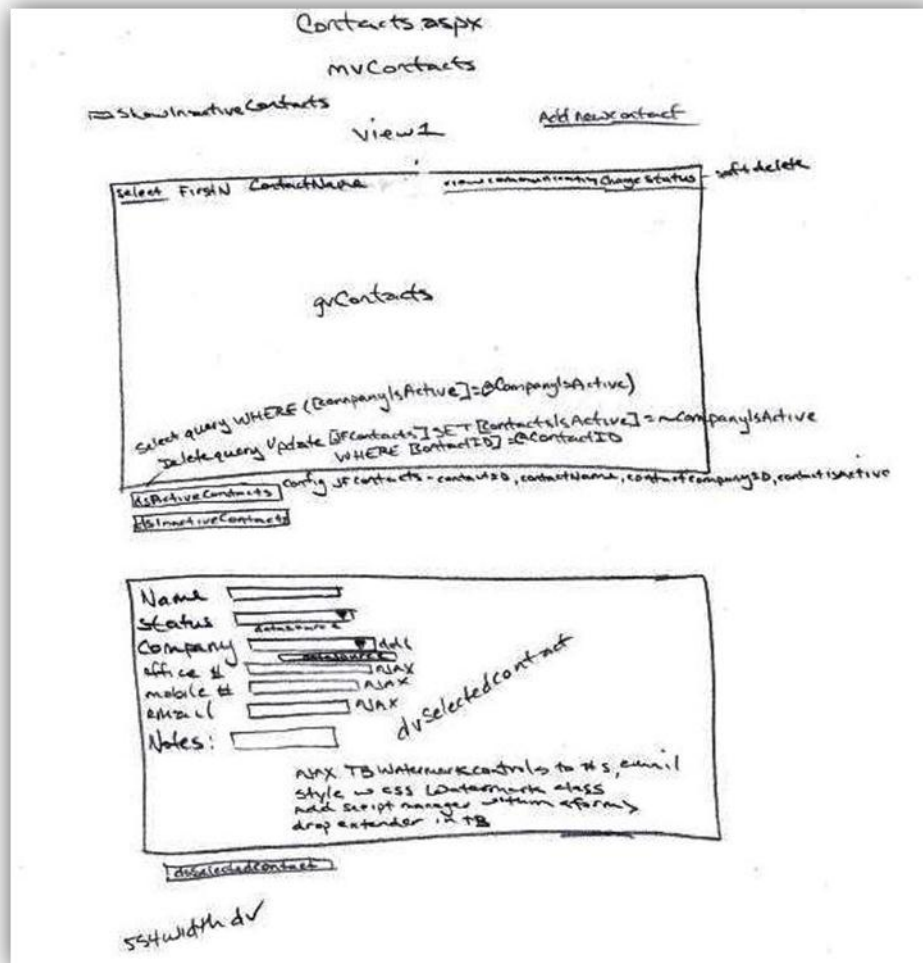
- Required Field Validators on Job Title, Status, Company
- MaxLength with jQuery on all multiline textboxes
- AJAX Calendar controls
- Dropdown List for Status, Company
 - Append DataBoundItems: True
 - Edit items: Text [-Choose Company-] Value -1

MaxLength jQuery

```
<asp:Content ID="Content1" ContentPlaceHolderID="cphHead"
Runat="Server">

<script type="text/javascript">
    $(document).ready(function () {
$( '#cphMain_dvSelectedJobPosting_tbJobDescription' )
.maxLength({
    events: [], //Array of events to be triggered
    maxCharacters: 500, //Characters limit
    max: 4000,
    showFeedback: true, //True to always show user
feedback, 'active' for hover/focus only
    status: true, //True to show status indicator below
the element
    statusClass: "status", //The class on the status div
    statusText: "character left", //The status text
    notificationClass: "notification", //Will be added when
maxlength is reached
    showAlert: false, //True to show a regular alert message
    alertText: "You have typed too many characters.", //
Text in alert message
    slider: false //True Use counter slider
    });
$( '.maxlength-feedback' ).text('');
    }); //end docready
</script>
```


Manage Contacts - Admin only



- Query String View Communications
 - `NavigateUrl='<%# Eval("ContactID", "~/communications.aspx?contid={0}") %>'>View Communication</asp:HyperLink>`
- Grid View/Details View
- Insert, Update, Delete(Soft)
- Regular Expression Validator on Email
 - `\w+([-+.']\w+)*@\w+([-.']\w+)*\.\w+([-.']\w+)*`

Manage Communications – Admin only

[-Select A Job Posting-]		[-Select A Job Posting-]	
C# Junior Developer - ATallgrass Technologies		Contact Via	
Select	Tim Keller	e	Delete
Entry Level C# .Net Developer - Christian Foundation for Children & Aging			
Select	Jane Smith	r	Delete
Software Engineer I - Whole Foods			
Select	Andrew Allen	l	Delete
Java Developer 3 - Paige Technologies			
Select	Jo Bustamante	e	Delete
Web Developer II - Commerce Bank			
Select	Thomas Green	e	Delete
HTML5 Designer - Whole Foods			
.Net - ATallgrass Technologies			
.Net Test 123 - Christian Foundation for Children & Aging			
CSS editor III - Christian Foundation for Children & Aging			
HTML Designer - Uplift			
Software Engineer II - Midland Loan Services Inc			
Mobile Developer - VinSolutions			
Software Engineer - Triple-I Corporation			
Junior Developer - Valorem Consulting			
Junior Developer - Valorem Consulting			
Software Engineer - Triple-I Corporation			
Mobile Developer - VinSolutions			
Software Engineer II - Midland Loan Services Inc			
HTML Designer - Uplift			

- Drop down list to filter by Job Posting
- Hard delete
- Grid View/Details View

```

206     }
207     protected void ddlJobPostings_SelectedIndexChanged(object sender, EventArgs e)
208     {
209
210         //if the selectedIndex = 0, use the dsForGvCommunications for the gridView
211         if (ddlJobPostings.SelectedIndex == 0)
212         {
213             //assign the gv dsID property
214             gvCommunications.DataSourceID = dsForGvCommunications.ID;
215
216             //bind the data to the gv
217             gvCommunications.DataBind();
218
219         } //end if
220         //else use the dsCommunicationsByJobPosting
221         else
222         {
223             //assign the gv dsID property
224             gvCommunications.DataSourceID = dsCommunicationsByJobPostings.ID;
225
226             //bind the data to the gv
227             gvCommunications.DataBind();
228         } //end else
229     } //end ddlJobPostings_SelectedIndexChanged
230 }

```

SkinFile

```
<asp:GridView skinId="gridview" runat="server"
AllowPaging="True" AllowSorting="True"
AutoGenerateColumns="False" BackColor="White"
BorderColor="#3366CC" BorderStyle="None" BorderWidth="1px"
CellPadding="4" Width="714px"> <FooterStyle
BackColor="#99CCCC" ForeColor="#003399" /> <HeaderStyle
BackColor="#003399" Font-Bold="True" ForeColor="#CCCCFF" />
<PagerStyle BackColor="#99CCCC" ForeColor="#003399"
HorizontalAlign="Left" /> <RowStyle BackColor="White"
ForeColor="#003399" /> <SelectedRowStyle BackColor="#009999"
Font-Bold="True" ForeColor="#CCFF99" />
    <SortedAscendingCellStyle BackColor="#EDF6F6" />
    <SortedAscendingHeaderStyle BackColor="#0D4AC4" />
    <SortedDescendingCellStyle BackColor="#D6DFDF" />
    <SortedDescendingHeaderStyle BackColor="#002876" />
</asp:GridView>
```

```
<asp:DetailsView skinId="detailsview" runat="server"
AutoGenerateRows="False" BackColor="White"
BorderColor="#3366CC" BorderStyle="None" BorderWidth="1px"
CellPadding="4" Height="50px" Width="554px" >
<EditRowStyle BackColor="#009999" Font-Bold="True"
ForeColor="#CCFF99" /> <FooterStyle BackColor="#99CCCC"
ForeColor="#003399" /> <HeaderStyle BackColor="#003399"
Font-Bold="True" ForeColor="#CCCCFF" /> <PagerStyle
BackColor="#99CCCC" ForeColor="#003399"
HorizontalAlign="Left" /> <RowStyle BackColor="White"
ForeColor="#003399" />
</asp:DetailsView>
```