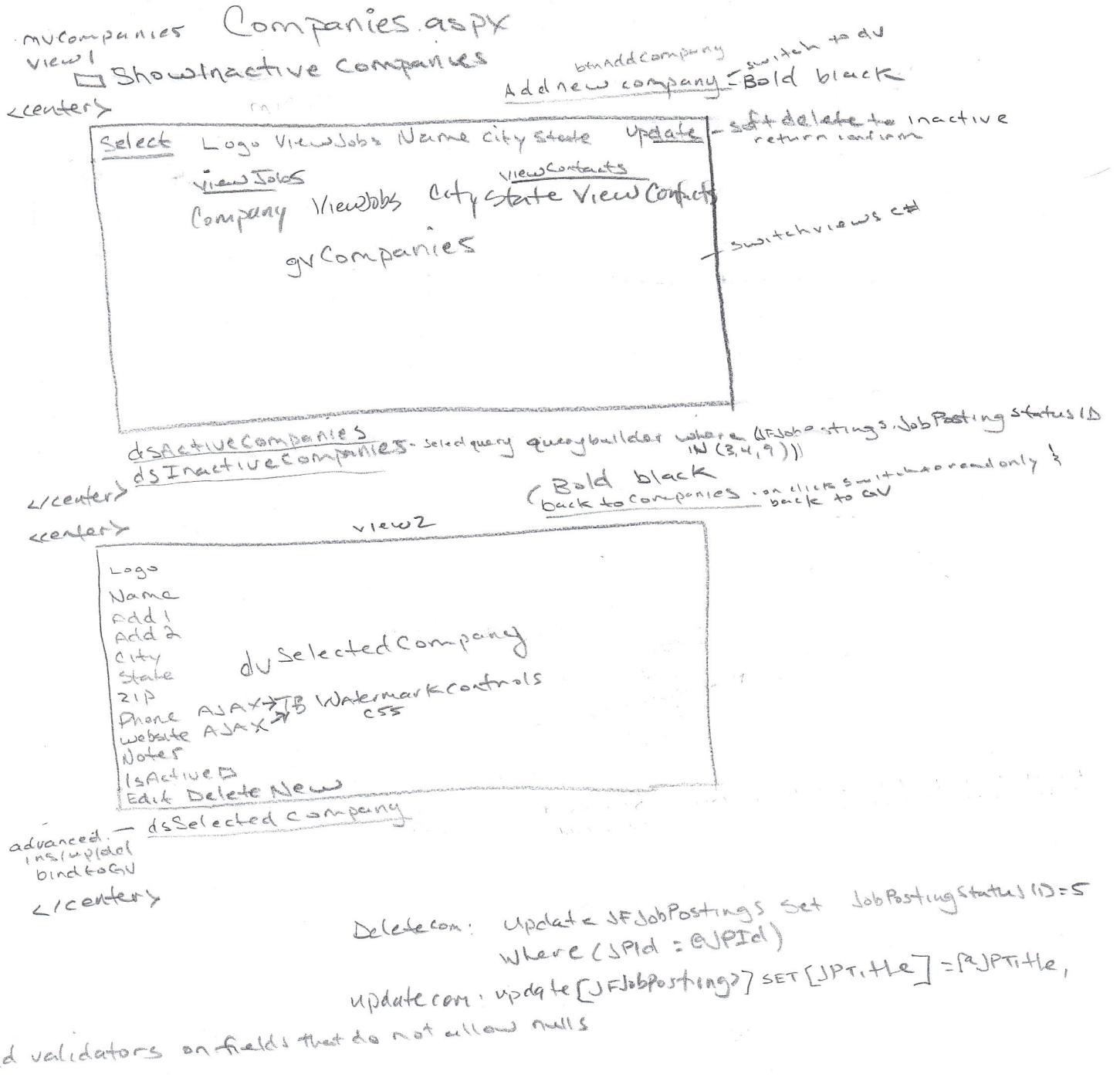


↳ Identity on All PK only

<u>JFCompanies</u>		<u>Allow Nulls</u>	<u>JFJobPostings</u>		<u>Allow Nulls</u>		
PK	CompanyID	int identity	<input type="checkbox"/>	PK	JobPostingsID	int identity	<input type="checkbox"/>
CompanyName	nvarchar	<input type="checkbox"/>	JobPostingsJobTitle	nvarchar	<input checked="" type="checkbox"/>		
CompanyAddress1	" "	✓	JobPostingsDescription	nvarchar (max)	<input checked="" type="checkbox"/>		
CompanyAddress2	" "	✓	JobPostingsSource	nvarchar	<input checked="" type="checkbox"/>		
CompanyCity	" "	✓	FK JobPostingsCompanyID	int	<input type="checkbox"/>		
CompanyState	" "	✓	JobPostingsStartDate	Date	<input checked="" type="checkbox"/>		
CompanyZip	" "	✓	JobPostingsApplicationDeadlineDate	Date	<input checked="" type="checkbox"/>		
CompanyPhone	" "	✓	FK JobPostingsStatusID	int	<input checked="" type="checkbox"/>		
CompanyWebsite	" "	✓	JobPostingsNotes	nvarchar	<input checked="" type="checkbox"/>		
CompanyNotes	nvarchar(max)	✓	JobPostingsURL	nvarchar	<input checked="" type="checkbox"/>		
CompanyIsActive	bit	<input type="checkbox"/>					
CompanyLogo	nvarchar	✓					
CompanyIndustry							

<u>JFContacts</u>		<u>Allow Nulls</u>	<u>JFJobPostingsStatuses</u>		<u>Allow Nulls</u>		
PK	ContactsID	int identity	<input type="checkbox"/>	PK	JobPostingsStatusesID	int identity	<input type="checkbox"/>
ContactsName	int	<input type="checkbox"/>	JobPostingsStatusName	nvarchar	<input checked="" type="checkbox"/>		
ContactsOfficePhone	nvarchar	<input checked="" type="checkbox"/>					
ContactsMobilePhone	" "	<input checked="" type="checkbox"/>					
ContactsEmail	" "	<input checked="" type="checkbox"/>					
FK	ContactsCompanyID	int					
ContactsNotes	nvarchar	<input checked="" type="checkbox"/>					
ContactsIsActive	bit	<input type="checkbox"/>					
<u>JFCommunications</u>		<u>Allow Nulls</u>					
PK	CommunicationsID	int identity	<input type="checkbox"/>				
FK CommunicationsJobPostingsID	int	<input type="checkbox"/>					
FK CommunicationsContactsID	int	<input type="checkbox"/>					
CommunicationsDateOfCommunication	Date	<input checked="" type="checkbox"/>					
CommunicationsNotes	nvarchar	<input checked="" type="checkbox"/>					
FK CommunicationsTypeID	int	<input type="checkbox"/>					
CommunicationsFollowUpRequired	bit	<input type="checkbox"/>					
<u>JFCommunicationsTypes</u>		<u>Allow Nulls</u>					
PK	CommunicationTypeID	int	<input type="checkbox"/>				
CommunicationTypeDescription	nvarchar	<input checked="" type="checkbox"/>					



Job Postings.aspx mvJobPostings

Autoformat & Oceanica

inactive active Active AddNewPosting postingstartdate

<center>

Select	SPJobTitle	Company	NewComments	Date Posted	Update
Add view Jobs					

gvJobPostings

dsInactiveJobPostings ConfigDataSource

dsActiveJobPostings

</center>

<center>

view 2

Job Title	dvSelectedJobPosting
Status	
Company Name	
Description	
Start Date	
Close Date	
Source	
Notes	

Share job with others LinkedIn Tweet

advanced As SelectedJobPosting
ins/up/del

</center>

Contacts.aspx

MV Contacts

⇒ ShowInActive Contacts

View 1

Add New Contact

Select FirstN ContactName

view communication Change status - soft delete

gvContacts

Select query WHERE [CompanyIsActive] = @CompanyIsActive
Delete query Update [JFContacts] SET [ContactIsActive] = n CompanyIsActive
WHERE [ContactID] = @ContactID

config JFcontacts - contactID, contactName, contactCompanyID, contactIsActive

[dsActiveContacts]

[dsInactiveContacts]

Name:

Status:

Company:

Office #:

Mobile #:

Email:

Notes:

dv Selected Contact

AJAX TB Watermark controls to #5, email
Style → CSS (Watermark class)
Add script manager within <form>
drop extender in TB

[dsSelectedContact]

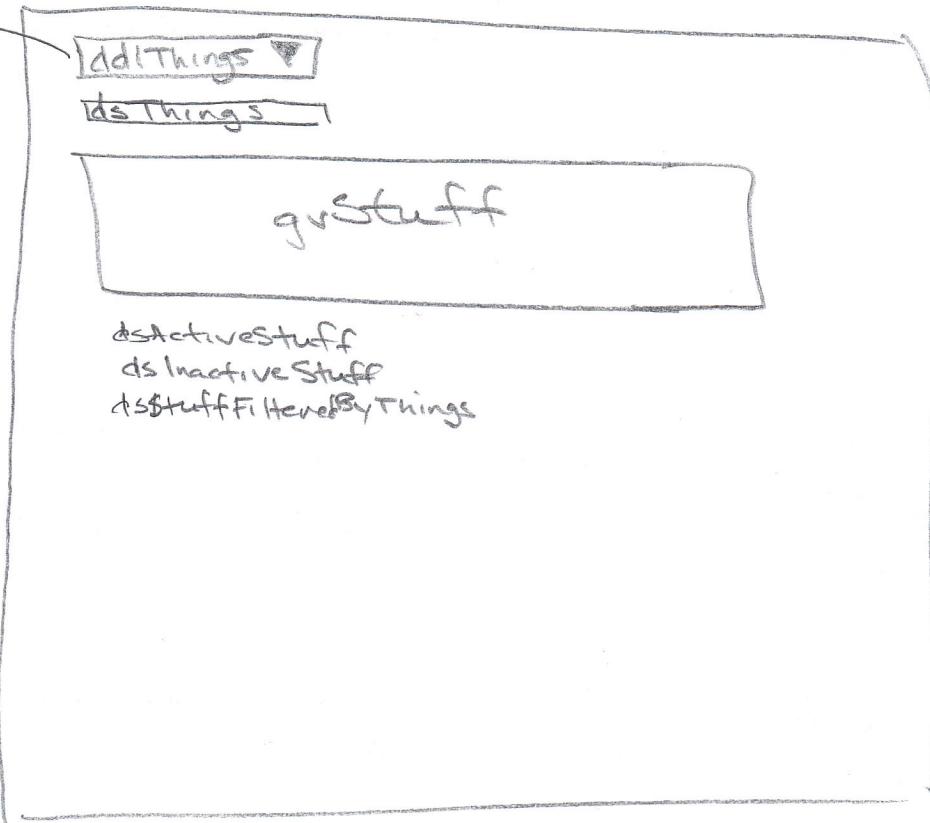
554 width dv

Basic Filtering

if (ddlThings.SelectedValue = -1)

```
{  
    grStuff.DataSource =  
    dsActiveStuff  
}  
else
```

```
{  
}
```



ddlist Communications Page.aspx

Admin
Vanessa776

Encode + choose ds -> SPID value

Autopostback -> dsbindings filter by

dsbindings config as -> ID

dsbindings config as -> ID

view 1

Add new communication Admin controls preRenderEvent

Select Comm Date Position Applying ContactName company

ContactName	position applying	Date of comm	Contact via	Comm ID	Delete
Drop					

gv Communications

ContactName is connected to Contact ID IN contacts JOIN to Comm ID and show contactname with the value contacted

Choose Data Source

Config Data Source

Datakeynames = "PK"

CommunicationID

config datasource

select * from Communications

advanced -> select query properties

select query properties

contactname, JobTitle, CompanyDesc (repeat and vds)

dsActiveCommunications -> Select * from comm, Advanced properties select query, query builder

Add tables - Commtypes, Contacts, JobPostings, JobPostingJobTitle

type description

checkbox

Follow up bit

Follow up by

Required field

status to

JobPostingID

TypeID

Follow Up?	Name	JobTitle	Date	Type	Notes
<input type="checkbox"/> bit	<input type="button" value="Edit/Insert"/>	<input type="button" value="Edit/Insert"/>	<input type="button" value="Add/JobPosting"/>	<input type="button" value="Edit/Insert"/>	<input type="button" value="Add/Commtypes"/>

dv SelectedComm

Choose datasource selected Comm

enable editing inserting (new)

config datasource

Select * from Communications

advanced -> select query, Add table

project -> select query, Add table

dsSelectedComm WHERE (JFComm.CommID = @CommID)

parameter CommID value

gvComm SelectedValue

Date of comm : Source control controlled gvComm DataFormatString on all dates {0:d}

Follow up Req

Follow up by

Contact via

Contacted about

Contacted

Office

Mobile

Email:

Notes

Contact

Follow up Req

Position applying

Date of comm

Contact via

Notes

back to comm

Debbie
(412) 768-3290

delete rows up when after by job posting - comm page

JobTracker - C# Project

multiview on all pages

The JobTracker project has been designed to utilize the majority of skills that you have learned up to this point. The core of this project is an ASP.NET 3.5 website that utilizes ADO.NET to manage/persist Job Posting data, and to track any correspondence related to the postings. The minimum requirements for this project are as follows:

multiview

Companies: CompanyID

show inactive

gv companies

sqldbo Active companies

sqldbo Inactive companies

isactive status
status (bool)

- Display a Master view of all Companies that you consider "active".
- Enable "Deletion" of companies you no longer want to see in your app.
 - You will rarely do this with Companies, but it is still good functionality to have.
 - Deletion of companies should be done through a status update soft delete
- When a Company is selected, display all of its details through a DetailsView or FormView DV 1st then can come back once set up
- Enable Inserting and Updating Detailsview dont need delete because have chkbox is gv
- You should be able to insert a new company without having to select something in the GridView

multiview

Job Postings:

All multiline tbs
Contact notes ✓
Company notes ✓
Job description notes ✓
Comm notes ✓

avery max length on multi
something in the GridView

skin

Buttons are all there

fonts

design

form view

Add filter for communications

multiple user or not - Create user login

ASP.NET Watermark extender on fields

RFR all complete

Error.aspx page

Edit your data to look better

ASAY Hover over notes

link button
Created Theme for gridview, stylesheet theme "Skinfile"
Applied skinId="gridview" to gridview on
all my pages to add for better management
of design layout for gridviews - Add efficiency
in web config (to make skin work)
</system.Web>
<pages styleSheetTheme="Skinfile">
</pages>

Enable viewstate false on dv

Name & contact info
of people who work
companies you have
contact w

- **Contacts (People we are communicating with about the Posting):**
 - Display a Master view of all Contacts that you consider "active".
 - You can force the user to filter contacts by Company using a Drop Down List if desired (option)
 - Enable "Deletion" of contacts you no longer want to see in your app. (update) - soft
 - You will rarely do this with contacts, but it is still good functionality to have.
 - Deletion of contacts should be done through a status
 - When a Contact is selected, display all of its details through a DetailsView or FormView
 - Enable Inserting and Updating
 - You should be able to insert a new Contact without having to select something in the GridView Add new
- **Communications (Correspondence with contacts about a Job Post – emails, phone calls, interviews, etc...):** pulls in info from almost all other tables
 - Display a Master view of all Communications.
 - You can force the user to filter Communications by Job Post using a Drop Down List if desired (optional)
 - Enable Deletion of communications you no longer want to see in your app. -hard delete
 - You will probably only delete communications if you made a mistake when creating it
 - Communications can be deleted from the database hard delete
 - When a Communication is selected, display all of its details through a DetailsView or FormView DV
 - Enable Inserting and Updating
 - You should be able to insert a new Communication without having to select something in the GridView

Notes:

- BASIC Requirements should be fulfilled before any additional functionality is added
- AJAX Calendar controls should be used for any dates
- All non-PK ID selections for Inserting and Updating should be done with DropDownList
- Notes fields will need to be converted to Multi line text boxes in the Textmode - Multiline Rows DetailView/FormView for Inserts/Edits
- All required fields should have validation controls is it null? null nonnull
- Once you have base functionality, your project should be backed up and not touched.

2

copy basic requirements to flash drive
backup early/often

then use a copy to start adding extra stuff (additional functionality)

Minimum Website Contents:

- Default.aspx
- Companies.aspx
- JobPostings.aspx
- Contacts.aspx
- Communications.aspx
- MasterPage/CSS/Images

Database Entities (Minimum recommended fields):

JF Companies:

	<u>Allow nulls</u>
PK	• Id <u>IsIdentity int</u> <input checked="" type="checkbox"/>
	• Name <u>nvarchar</u> <input type="checkbox"/>
Allow nulls	• Address Info (Break out to street, city, state, zip) <u>AddressStreet nvarchar</u>
Allow nulls	• Phone <u>nvarchar</u> <u>AddressCity nvarchar</u>
Allow nulls	• Website <u>nvarchar</u> <u>State nvarchar</u>
Allow nulls	• Notes <u>goto about page to get as much info as possible</u> <u>Zip nvarchar(max)</u>
Allow nulls	• Status (IsActive) <u>bit</u> <u>IsLog nvarchar</u> <input type="checkbox"/>
Allow nulls	• <u>Image nvarchar</u>
	• _____
	• _____
	• _____

JF Job Postings:

	<u>Allow nulls</u>
PK	• Id <u>IsIdentity int</u> <input type="checkbox"/>
	• JobTitle <u>nvarchar</u> <input type="checkbox"/>
	• Description <u>nvarchar(max)</u> <u>(job requirements) Ex: B-Syr.NET</u> <input checked="" type="checkbox"/>
company website Job board newspaper	• Source (Where the posting was found) <u>nvarchar</u>
	• CompanyId (FK to the company table) <u>int</u> <input type="checkbox"/>
	• StartDate <u>Date</u> <input checked="" type="checkbox"/>
	• ApplicationDeadlineDate <u>Date</u> <input checked="" type="checkbox"/>
	• Status (Should create a JobPostingStatus table – possible values are "Active(New)", "Active(Applied)", "Inactive(Filled)", "Inactive(Not Interested)", etc.) <u>int</u> <input type="checkbox"/>
	• Notes what I think about company: <u>Good fit, not for me</u> <u>nvarchar</u> <input checked="" type="checkbox"/>
	• JPostURL <u>nvarchar</u> <input checked="" type="checkbox"/>
	• _____
	• _____
	• _____

→

JPostStatusID int

↳ JPostStatuses

PK PSID IsIdentity int

PSName nvarchar

Active(New)

Active(Applied)

Inactive(Filled)

Inactive(NI)

Inactive(removed by Admin)

JF Contacts

firstname, last @
companyname.com

	<u>Allows nulls</u>
PK • Id	<input checked="" type="checkbox"/>
• Name	<input type="checkbox"/>
• OfficePhone nvarchar	<input checked="" type="checkbox"/>
• MobilePhone " "	<input checked="" type="checkbox"/>
• Email " "	<input checked="" type="checkbox"/>
FK • CompanyId int	<input type="checkbox"/>
• Notes nvarchar	<input checked="" type="checkbox"/>
• Status (IsActive) bit	<input type="checkbox"/>
• _____	
• _____	
• _____	

best time to
call. Preferred
contact. Common
interest. Anything
that gives you
heads up on person

Contact belongs to
same company

required fields
no nulls

JF Communications

	<u>Allows nulls</u>
PK • Id IsIdentity	<input checked="" type="checkbox"/>
FK • JobPostingId int	<input type="checkbox"/>
FK • ContactId int	<input type="checkbox"/>
• DateOfCommunication date	<input checked="" type="checkbox"/>
• Notes nvarchar	<input checked="" type="checkbox"/>
• CommunicationType (Can be a lookup table: values could be "Email", "Phone", "Interview", etc..) int	<input type="checkbox"/>
• FollowUpRequired bit	<input type="checkbox"/>
• _____	
• _____	
• _____	

optional table
Communication Types
PK CommTypeID int
TypeDescs nvarchar

Database Tables should be prepended with JF or JT. Make sure your naming conventions are unique

Additional Features to add when the minimum requirements are met:

(I will add to this list as the week progresses depending on where everyone is in the project)

- Convert the Website address on the company page to be an active link to the company's site
- Add hyperlinks to the Grid views on the following pages:
 - Companies Page: Add a "View Jobs" link to the GridView to allow the user to navigate to the JobPostings page and view only jobs associated with that company. (We will do this one together as an example)
 - JobPostings Page: Add a "View Communications" link to the GridView to allow the user to navigate to the Communications page and view only communications associated with that Posting.
 - Contacts Page: Add a "View Communications" link to the GridView to allow the user to navigate to the Communications page and view only communications associated with that Contact.

Extra I added a file upload control for uploading company logos. I used a **AjaxFileUpload** control for uploading company logos. I used LINQ to SQL was added for inserting and updating company logos. I used a GUID to uniquely name uploaded files.

I templated the company field and added a requiredfield Validator. I templated the company field and added a requiredfield Validator. I chose not to Pre render my checkbox for company.IsActive. I chose to give the admin that responsibility on insert, edit.

JobFinder Project

Templated

Testing Checklist

In my GV I added a delete command field. I changed it from a hard delete to a soft delete. I changed my delete query to: `Update [EFCompanies] SET [CompanyIsActive] = ~CompanyIsActive WHERE [CompanyID] = @CompanyID` on my sql datasource - deactivate companies and deactivate companies

Companies Page

- Confirm that the GridView is displaying only Active companies
- Delete link on GridView works properly
 - Shows Confirm Box Javascript onclick return confirm("Are you sure?")
 - Removes Record from GridView
- Select Link shows the correct item in the DetailsView/FormView
 - MultiView Functionality working properly
 - "Return To Companies" link in the DetailsView/FormView section works properly
 - Edit Link In DetailsView/FormView works properly
 - Edit Attempted with all Fields blank Template the Edittemplate, Editrow template & Insert template to insert rows 2 column tables. I pasted my Edit,new,Insert,Cancel,update buttons in my inserted rows and center aligned requiredfield validator added to CompanyName in DV
 - Add Validator controls where necessary
 - Edit With All Required Fields completed is Working
 - Confirm that GridView shows new values for edited Company
 - Insert Link In DetailsView/FormView works properly
 - Insert Attempted with all Fields blank
 - Add Validator controls where necessary
 - Insert With All Required Fields completed is Working
 - Confirm that GridView shows new values for Inserted Company
 - "Add New" Link in the GridView section is working
 - Link shows the DetailsView/FormView in Insert Mode
 - (Optional) Company URL Hyperlink works correctly

Extra *converted Company Website to a templated field. Added a hyperlink for website on detailview. Changed target to _blank to open the hyperlink in a new tab.

Add as View Jobs on GV to Companies.aspx.

make sure your select query on your dv ds has a where clause that will display what is selected in gridview control gv

All FK fields are dcl

JobPostings Page multiline textbox to job description

- (Optional) Delete link on GridView works properly
changed hard delete to soft delete
- Shows Confirm Box Javascript OnClientClick return confirm('Are you sure?')
+ to edited template update button
- Removes Record from GridView (GridView is only showing Active Job Postings)

- Select Link shows the correct item in the DetailsView/FormView

- MultiView Functionality working properly

- "Return To Job Postings" link in the DetailsView/FormView section works properly

- Edit Link In DetailsView/FormView works properly

- DropDownList for Company is displaying correct information

- Edit Attempted with all Fields blank

- Add Validator controls where necessary

- Edit With All Required Fields completed is Working

- Confirm that GridView shows new values for edited Job Posting

- Confirm that any Ajax Calendar controls are functioning properly

- Insert Link In DetailsView/FormView works properly

- DropDownList for Company is displaying correct information

- Insert Attempted with all Fields blank

- Add Validator controls where necessary rfr controls to validate

- Insert With All Required Fields completed is Working

- Confirm that GridView shows new values for Inserted Job Posting

- Confirm that any Ajax Calendar controls are functioning properly

- "Add New Posting" Link in the GridView section is working

- Link shows the DetailsView/FormView in Insert Mode

drag and dropped AJAX calendar controls into the textboxes for Edit and Insert on PostDate and close date

when u click on cancel in JobPostings.ActiveViewIndex=0;

Added dsActiveJobPostingsDS for view jobs on GV Companies.aspx page

Thinking dv is there to show details (most info) so Gridview is just simple basic info.

copy & paste between checkbox & linkbutton

Contacts Page

- (Optional) Delete link on GridView works properly delegating to an update
 - Shows Confirm Box on click return confirm ('Are you sure?')
 - Removes Record from GridView (GridView is only showing Active Contacts) cbShowInactiveContacts

- Select Link shows the correct item in the DetailsView/FormView

- MultiView Functionality working properly Add ActiveViewIndex

- "Return To Contact List" link in the DetailsView/FormView section works properly mvContacts.ActiveViewIndex = 0;
do this on all buttons you want to return to gv

- Edit Link In DetailsView/FormView works properly

Template field, remove textbox, add ddl. Edit databindings, bind to contact CompanyID
- DropDownList for Company is displaying correct information choose datasource and add it, display company name, value company ID

- Edit Attempted with all Fields blank

rfvContactName
bold, italic, black, contacts validate TextBox4
viewstate true

- Add Validator controls where necessary

- Edit With All Required Fields completed is Working

ContactSelect
ContactSource
ContactCompanyID
ContactIsActive

- Confirm that GridView shows new values for edited Contact inserted, updated
and Selected(CompanyID)

- Insert Link In DetailsView/FormView works properly selectedValue8 and ContactCompanyID

DataTextField CompanyName DataField Value CompanyID

- DropDownList for Company is displaying correct information add ddl to insert
SelectCommand = "SELECT [CompanyName], [CompanyID] FROM DCompanies"

- Insert Attempted with all Fields blank

From DCompanies

Good idea to template all fields in dv

- Add Validator controls where necessary All FK's

- Insert With All Required Fields completed is Working

- Confirm that GridView shows new values for Inserted Contact

- "Add New Contact" Link in the GridView section is working

- Link shows the DetailsView/FormView in Insert Mode

need validators

need to look at Is Active in dv

need select and change status to work

To update the gridview go to properties on dsSelectedCompany, double click updated
Do same for inserted mvContacts.ActiveViewIndex = 0; gvContacts.DataBind();

>Contact Is Active on DV edit data
bindings - Contact Is Active
Item: Enabled = "false" (so the item only so
you can't click on it in readonly)

AS means alias

AS ddText is a variable name we created
for concatenation or dd.

Communications Page

- (Optional)Delete link on GridView works properly

- Shows Confirm Box *onclientclick return confirm('Are you sure?')*

- Removes Record from GridView

single click dv properties - datakey names - commID (PK)

- Select Link shows the correct item in the DetailsView/FormView

single click gv go to properties, events, double click selectedIndexChanged in CommActiveView

- MultiView Functionality working properly *ActiveViewIndex = "0"*

- "Return To Communications" link in the DetailsView/FormView section

works properly

- Edit Link In DetailsView/FormView works properly

Displaying contact Name + company Name config ds add vibarting5. it

- DropDownList for Contact is displaying correct information *JobPosting5 CompanyName*

chosedatasource on ddl

- DropDownList for Job Posting is displaying correct information *JobPosting5 Text*

Contact via

- DropDownList for Communication Type is displaying correct

config datasource1 ContactName ContactID

- Edit Attempted with all Fields blank

- Add Validator controls where necessary

- Edit With All Required Fields completed is Working

- Confirm that GridView shows new values for edited Communication

- Insert Link In DetailsView/FormView works properly

- DropDownList for Contact is displaying correct information

- DropDownList for Job Posting is displaying correct information

- DropDownList for Communication Type is displaying correct

information (if your communication type is a Foreign Key)

- Insert Attempted with all Fields blank

- Add Validator controls where necessary

- Insert With All Required Fields completed is Working

- Confirm that GridView shows new values for Inserted Communication

- "Add New" Link in the GridView section is working

- Link shows the DetailsView/FormView in Insert Mode

Added Filter by JobPosting + company Name in a ddl. Add sqldsJobPostings for ddl JobPostings
Added sqlds CommunicationsByJobPosting Parameter JobPostingID value ddlJobPostings. SelectedValue
control ddlJobPostings