

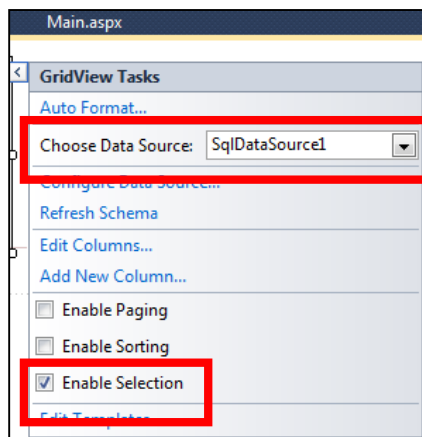
## Lab 9 : GridView & DetailsView

### Create database

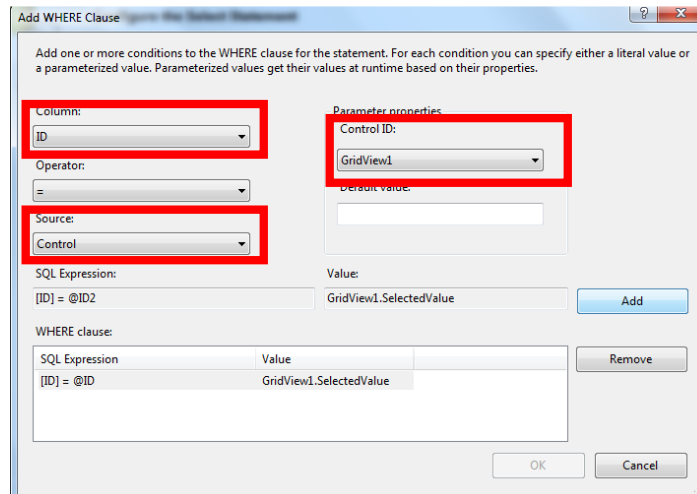
1. Create a database “myDB”.
2. Create table “Members” which contains following attributes :
  - a. ID → primary key. Ensure ID is auto increment.
  - b. Name
  - c. Gender
  - d. YearBorn
  - e. Country
3. Insert records into the table and save it.

### ShowAll.aspx page

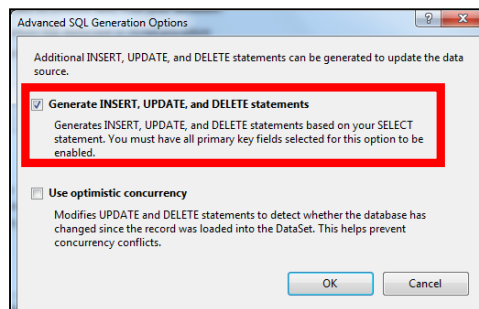
1. Add a new form “ShowAll.aspx”.
2. Drag a **SqlDataSource**(name: SqlDataSource1) control over to the page. Click Configure Data Source in the Smart Tag menu. In the Configure Data Source Wizard, choose the database “**myDB**”. Click next and name the connection string as “**myConnectionString**”.
3. Click Next in the Configure Data Source Wizard. The page that opens allows you to choose the table.
4. Select the “**Members**” table and select ID and Name.
5. Click Next to test out the query. You will see a table that shows the rows from the table. Click Finish.
6. Open the Data section of the toolbox and drag GridView. Click “Choose Data Source” in Smart tag and choose SqlDataSource1.
7. Select the checkbox “Enable Selection”.



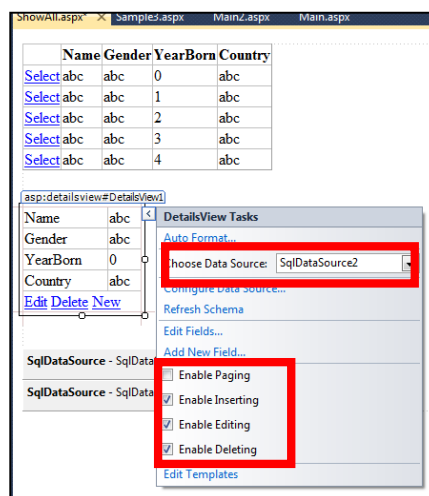
8. Then add another SqlDataSource (name: SqlDataSource2). Choose the connection string “myConnectionString”. Click Next. Click the Where button and choose ID for the Column, Control for the Source, GridView1 for Control ID. Then click Add. Click OK.




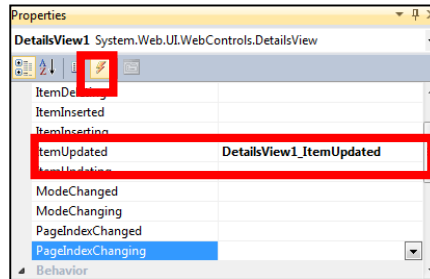
9. Click the Advanced button and select the following:



10. Open the Data section of the toolbox and drag DetailsView. At the smart tag, choose the data source SqlDataSource2. Select the check boxes Enable Inserting, Enable Editing, Enable Deleting.



11. At the smart tag, click on Edit Fields. Select every field and click “Convert this field into a TemplateField. Click OK.
12. Click the DetailsView1, go to the properties, click on Events  , double click at ItemUpdated.



13. Add on the following code:

```
protected void DetailsView1_ItemUpdated(object sender, DetailsViewUpdatedEventArgs e)
{
    GridView1.DataBind();
}
```

14. Double click at ItemInserted. Add the following code:

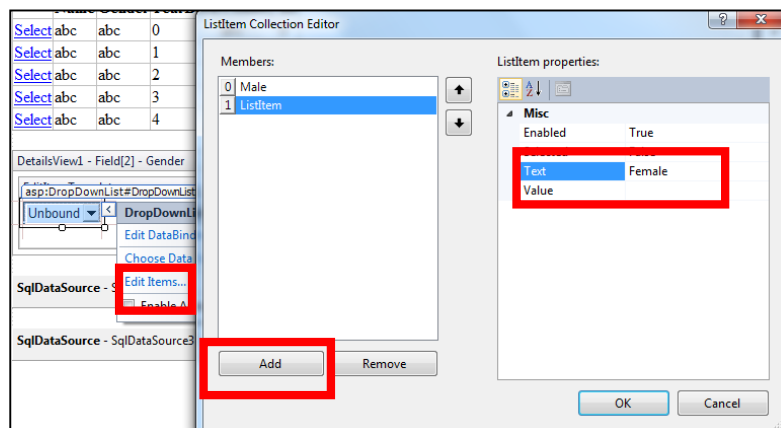
```
protected void DetailsView1_ItemInserted(object sender, DetailsViewInsertedEventArgs e)
{
    GridView1.DataBind();
}
```

15. Double click at ItemDeleted. Add the following code:

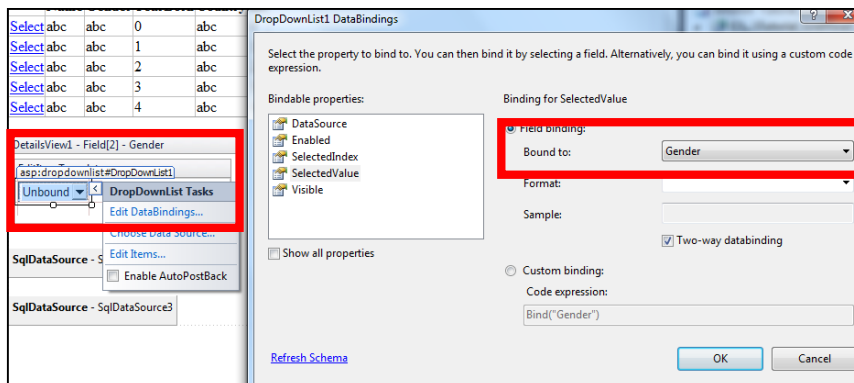
```
protected void DetailsView1_ItemDeleted(object sender, DetailsViewDeletedEventArgs e)
{
    GridView1.DataBind();
}
```

16. Run and test on browser.
17. Go back to designer mode.

18. Click on DetailsView1's smart tag again. Now choose "Edit Templates". Select "EditItem Template" for Field[2] - Gender. Remove the TextBox and replace with DropDownList. Click the smart tag of dropdownlist and select Edit Items. Add on Male and Female. Click OK.



19. Click the smart tag of dropdownlist and select Edit Databindings. Now, choose Gender for "Field Binding" and click OK.



20. Repeat step 18 & 19 for InsertItem Template.  
 21. Finally click the DetailsView1's smart tag and click "End Template Editing".  
 22. Test on browser.