



# Hands on – lab 6: Learning to use ItemControls and ItemTemplate

## Trying out different ItemControls

1. Open the existing Project in the lab 6 folder, Lab6.sln
2. Make sure the only page open is MainPage.xaml
3. Right click the page in Solution Explorer in Visual Studio and choose Open in Blend
4. Review the GridView Control (named StudentDisplay) already on the page by selecting it and noting the small white or yellow squares next to the properties, indicating which properties has already been set
  - a. Change the SelectionMode to Multiple
  - b. Enable CanDragItems
  - c. Enable CanReorderItems
  - d. Enable AllowDrop
  - e. Run the Project (Project > Run Project) and note how you now can reorder and drag the items around and select multiple items
  - f. Set the Gridview's SelectionMode back to Single
5. Inserting a new ItemsControl: ListView
  - a. Select the Grid inside the Scrollviewer
  - b. Add a new ItemsControl: ListView
  - c. Select the ListView
  - d. Change the row to 1
  - e. Change the coloum to 1
  - f. Create a new Databinding on the property ItemSource
    - i. Bind it to Students
  - g. Create a new Databinding on the property SelectedItem
    - i. Bind it to SelectedStudent



- h. Right click the ListView > Edit additional Templates > Edit Generated Items (ItemTemplate) > Create Empty...
  - i. Name it StudentListViewItemTemplate
  - ii. Leave the "Define in" as it is
  - iii. Click OK
  - iv. Note how "Objects and Timeline" changes, and shows you the ItemTemplate (Hint: You can click the arrow pointing up, in the upper left corner, to go back)
  - v. Select the Grid
  - vi. Insert a Textblock
  - vii. Create a new Databinding on the Text property
    - 1. Bind it to the Name property (note how it already knows which type of object you are binding up against)
  - viii. Leave the edit ItemTemplate mode
  - ix. Add 80 px left margin to the ListView
  - x. Run the Project (Project > Run Project) and try the newly added control out
  
- i. Optional: Repeat the process above for the following itemcontrols – and place them in their own column:
  - i. ItemsControl
  - ii. ComboBox
  - iii. ListBox
  - iv. FlipView

NOTE: Not all controls have set of properties.  
Eg. SelectedItems does not exist on an ItemsControl