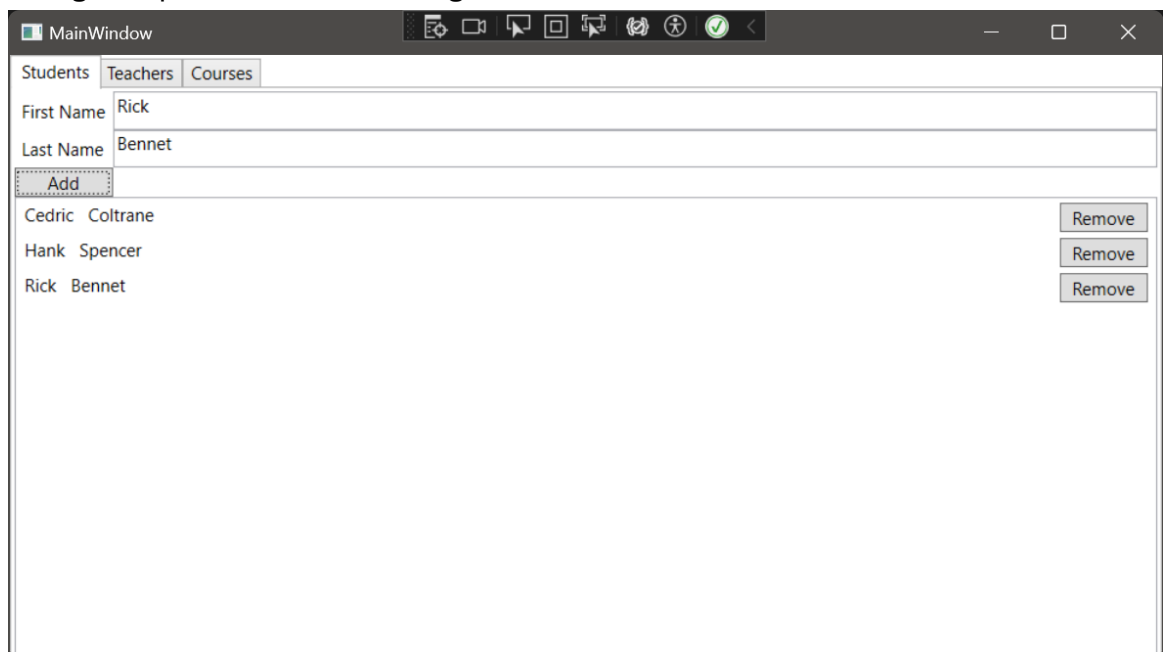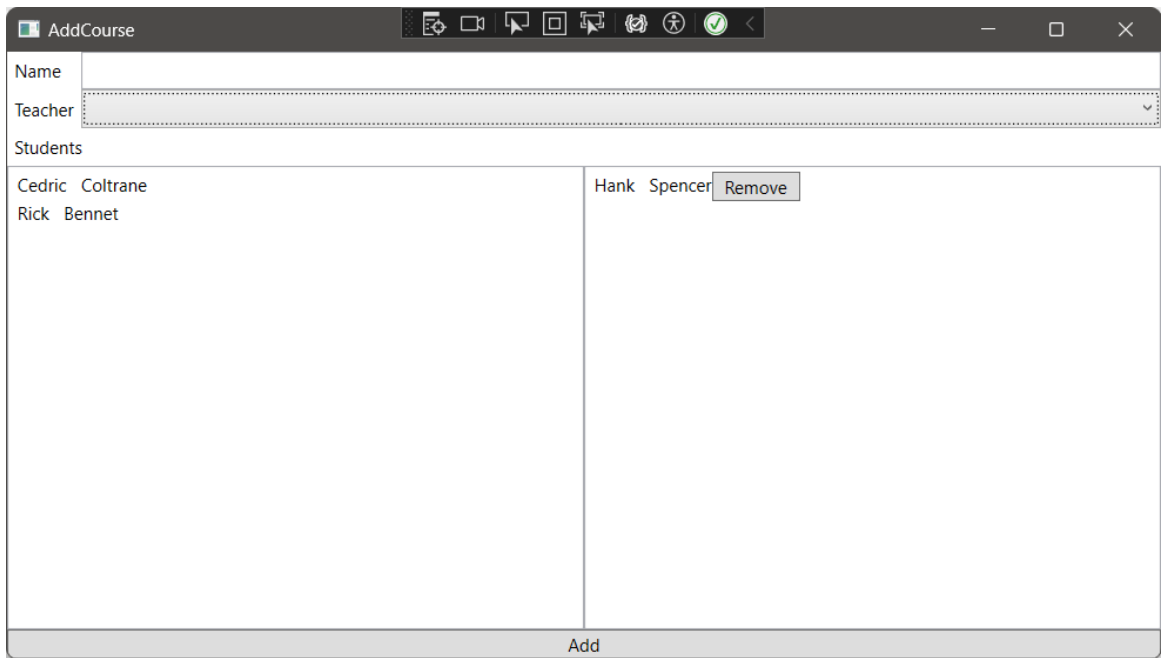# Advanced Programming Techniques (java or c #) 4

WPF

For this class it will be easiest to create a new project from scratch, so all WPF related stuff will be generated automatically. Therefore you can create a new repository and share a second link so I can check it.

1. Create a new WPF project. Search for "WPF" during project creation and select "WPF Application". If it's not present, click "Install more tools and features" and make sure that you have installed a classic .NET.
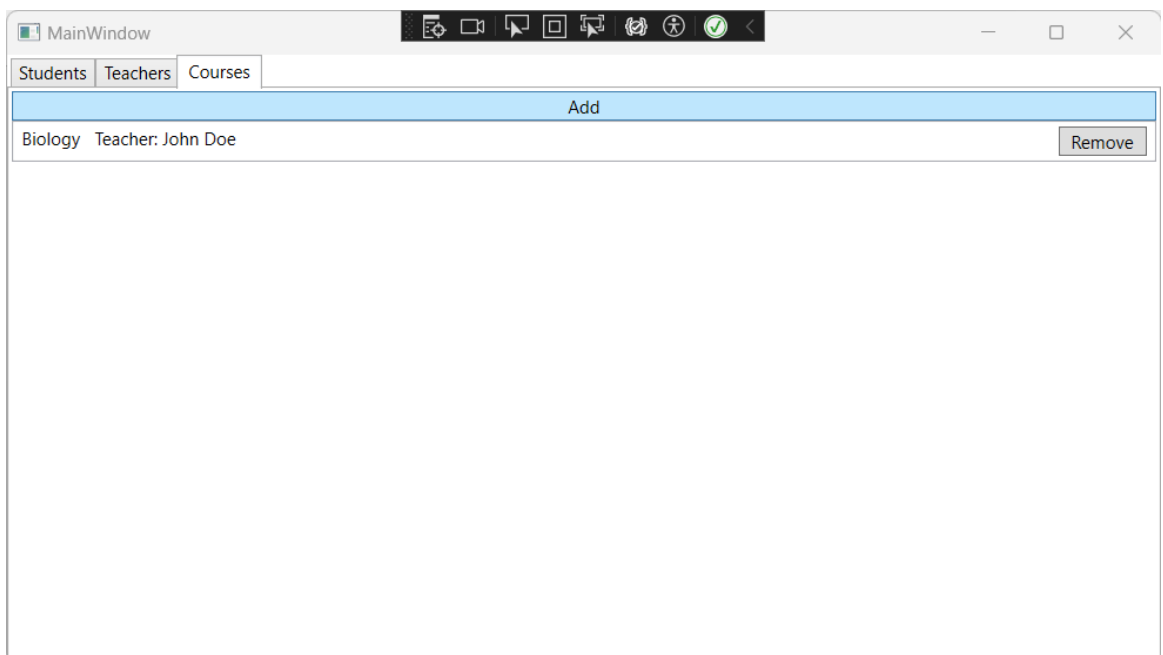2. Using Grid panel create following screen:

  For list use ListView, you can use DockPanel for an item view panel.
  "Add" button should add a student to the list, "Remove" should delete respective student.
3. Add a similar screen for Teachers.

4. "Courses" tab should contain an "Add" button and list of created classes with "Remove" button.

    "Add" button should open a new window, shown above.

    On the top, there's an input for course name, then ComboBox where user can select a teacher, then a two lists. On the left there's a list of available students, on the right, list of selected students. Double clicking on an available student should move them to the 'selected' and remove them from available. Clicking 'Remove' should do the opposite.

    Clicking "Add" should close the window and add a class to the list.

5. "Courses" tab should look like this

    'Remove' button should remove the class.

Double clicking on a class should open the window from pt.4, where user can edit it and save changes. Button on the bottom should say "Save" instead of "Add".