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1 <Window x:Class="WpfApp1.MainWindow"
2     xmlns="http://schemas.microsoft.com/winfx/2006/xaml/
    presentation"
3     xmlns:x="http://schemas.microsoft.com/winfx/2006/
    xaml"
4     xmlns:d="http://schemas.microsoft.com/expression/
    blend/2008"
5     xmlns:mc="http://schemas.openxmlformats.org/markup-
    compatibility/2006"
6     xmlns:local="clr-namespace:WpfApp1"
7     mc:Ignorable="d"
8     Title="2023選課系統" Height="600" Width="1200">
9     <Grid>
10         <Grid.RowDefinitions>
11             <RowDefinition Height="50"/>
12             <RowDefinition Height="500*"/>
13             <RowDefinition Height="30"/>
14         </Grid.RowDefinitions>
15         <Grid.ColumnDefinitions>
16             <ColumnDefinition Width="500*"/>
17             <ColumnDefinition Width="100"/>
18             <ColumnDefinition Width="500*"/>
19         </Grid.ColumnDefinitions>
20         <StackPanel Orientation="Horizontal"
            Grid.ColumnSpan="3" Background="{DynamicResource
            {x:Static SystemColors.InfoBrushKey}}">
21             <Label Content="學生" FontSize="18"
                VerticalAlignment="Center"
                HorizontalAlignment="Left" Margin="100,0,0,0"/>
22             <ComboBox x:Name="cmbStudent" Width="150"
                VerticalAlignment="Center"
                HorizontalAlignment="Left"
                SelectionChanged="cmbStudent_SelectionChanged"/>
23         </StackPanel>
24         <StatusBar Grid.Row="2" Grid.ColumnSpan="3">
25             <Label x:Name="labelStatus"
                VerticalAlignment="Center"
                HorizontalAlignment="Left" Margin="100,0,0,0"
                Width="300" Height="30" />
26         </StatusBar>
27         <TabControl Grid.Row="1" Background="#FFFEAF1D9" >
28             <TabItem Header="以教師來分類課程">
29                 <TreeView x:Name="tvTeacher"
                    Background="{DynamicResource {x:Static
                    SystemColors.ControlBrushKey}}"
                    SelectedItemChanged="tvTeacher_SelectedItemCha

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    nged">
30         <TreeView.Resources>
31             <!-- Teacher節點的模板-->
32             <HierarchicalDataTemplate
                                     ➤
DataType="{x:Type local:Teacher}"
                                     ➤
ItemsSource="{Binding TeachingCourses}">
33                 <StackPanel
                                     ➤
Orientation="Horizontal">
34                     <Image Width="20" Height="20"
                                     ➤
Source="teacher.png" />
35                     <TextBlock Text="{Binding
                                     ➤
TeacherName}" />
36                     <TextBlock Text="(" />
37                     <TextBlock Text="{Binding
                                     ➤
TeachingCourses.Count}" />
38                     <TextBlock Text=")" />
39                 </StackPanel>
40             </HierarchicalDataTemplate>
41             <!-- Course節點的模板-->
42             <DataTemplate DataType="{x:Type
                                     ➤
local:Course}">
43                 <StackPanel
                                     ➤
Orientation="Horizontal">
44                     <Image Width="20" Height="20"
                                     ➤
Source="course.png" />
45                     <TextBlock Text="{Binding
                                     ➤
CourseName}" FontWeight="Bold"
                                     ➤
Foreground=■"blue" />
46                     <TextBlock Text=" : " />
47                     <TextBlock Text="{Binding
                                     ➤
OpeningClass}" />
48                     <TextBlock Text=" " />
49                     <TextBlock Text="{Binding
                                     ➤
Type}" />
50                     <TextBlock Text="{Binding
                                     ➤
Point}" Foreground=■"Red" FontWeight="Bold" />
51                     <TextBlock Text="學分" />
52                 </StackPanel>
53             </DataTemplate>
54         </TreeView.Resources>
55     </TreeView>
56 </TabItem>
57 <TabItem Header="所有課程">
58     <ListBox x:Name="lbCourse"
                                     ➤
Background=□"#FFFAF9E4"
                                     ➤
SelectionChanged="lbCourse_SelectionChanged">
59         <ListBox.Resources>

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60         <DataTemplate DataType="{x:Type
           local:Course}">
61             <StackPanel>
62                 <StackPanel
                   Orientation="Horizontal">
63                     <TextBlock Text="{Binding
                       CourseName}" FontWeight="Bold"
                       Foreground=■"blue"/>
64                     <TextBlock Text=" : "/>
65                     <TextBlock Text="{Binding
                       Point}"/>
66                     <TextBlock Text="學分"/>
67                 </StackPanel>
68                 <StackPanel
                   Orientation="Horizontal">
69                     <TextBlock Text="{Binding
                       Type}" />
70                     <TextBlock Text=" "/>
71                     <TextBlock Text="{Binding
                       OpeningClass}" Foreground=■"DarkBlue"/>
72                 </StackPanel>
73             </StackPanel>
74         </DataTemplate>
75     </ListBox.Resources>
76 </ListBox>
77 </TabItem>
78 </TabControl>
79 <StackPanel Grid.Row="1" Grid.Column="1"
   Orientation="Vertical">
80     <Button x:Name="btnRegister" Content="選課"
       Width="80" Height="50" Margin="0,100,0,0"
       FontSize="16" FontWeight="Bold"
       Click="btnRegister_Click" />
81     <Button x:Name="btnWithdrawl" Content="退選"
       Width="80" Height="50" Margin="0,20,0,0"
       FontSize="16" FontWeight="Bold"
       Click="btnWithdrawl_Click" />
82     <Button x:Name="btnSave" Content="儲存紀錄"
       Width="80" Height="50" Margin="0,20,0,0"
       FontSize="16" FontWeight="Bold"
       Click="btnSave_Click" />
83 </StackPanel>
84 <ListView x:Name="lvRecord" ItemsSource="{Binding
   records}" Grid.Row="1" Grid.Column="2"
   SelectionChanged="lvRecord_SelectionChanged">
85     <ListView.Background>
86         <ImageBrush

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    ImageSource="/221005020507_1489.jpg"/>
87     </ListView.Background>
88     <ListView.View>
89         <GridView>
90             <GridViewColumn Header="學號"
                DisplayMemberBinding="{Binding
                SelectedStudent.StudentId}"/>
91             <GridViewColumn Header="姓名"
                DisplayMemberBinding="{Binding
                SelectedStudent.StudentName}"/>
92             <GridViewColumn Header="課程名稱"
                DisplayMemberBinding="{Binding
                SelectedCourse.CourseName}"/>
93             <GridViewColumn Header="學分"
                DisplayMemberBinding="{Binding
                SelectedCourse.Point}"/>
94             <GridViewColumn Header="類別"
                DisplayMemberBinding="{Binding
                SelectedCourse.Type}"/>
95             <GridViewColumn Header="開課班級"
                DisplayMemberBinding="{Binding
                SelectedCourse.OpeningClass}"/>
96         </GridView>
97     </ListView.View>
98 </ListView>
99 </Grid>
100 </Window>
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