

```
1 using System;
2 using System.Collections.Generic;
3 using System.Text;
4 using System.Windows;
5 using System.Windows.Controls;
6 using System.Windows.Data;
7 using System.Windows.Documents;
8 using System.Windows.Input;
9 using System.Windows.Media;
10 using System.Windows.Media.Imaging;
11 using System.Windows.Navigation;
12 using System.Windows.Shapes;
13 using FlooringCalculator.Models;
14
15 /*
16  * Title:   PageDataEntry
17  * Author:  Paul McKillop
18  * Date:    November 2020
19  * Purpose: Code behind for page
20  */
21
22 /* *****
23  * COMPLETION SEQUENCE
24  * *****
25  *
26  * This is the most detailed of all the processes.
27  * The order is important because of the dependency of
28  * some methods on others that must already be created.
29  *
30  * Video 24
31  * 00. Check all Gui controls have names
32  * 01. Directive for models
33  * 02. Gui control methods
34  *     a) Clear button
35  *     b) Calculate button
36  *     c) Combo OnLoaded
37  *     d) Combo OnSelectionChanged
38  * 03. Handler data variables
39  * 04. Assignment data for testing
40  * 05. Call assignment data in Page constructor
41  * Video 25
42  * 06. Create a list of tiles for Combo control
43  * 07. Complete combo OnLoaded method
44  * 08. Complete combo OnSelectionChanged method
45  * 09. Create ResetControls method
46  * 10. Call ResetControls from Clear button Click
47  * Video 26
48  * 11. Create method GetSelectedTile
49  * 12. Create method ControlHasValueCheck
50  * 13. Gui Help Button Click method
51  * 14. Implement Help button method
52  * Video 27
53  * 15. HarvestData method
54  * 16. Prepare PageSummary to receive data
55  * Video 28
56  * 17. Implement Calculate Button Click method
57  * 18. Test all
58  */
```

```
59
60 namespace FlooringCalculator
61 {
62     /// <summary>
63     /// Interaction logic for PageDataEntry.xaml
64     /// </summary>
65     public partial class PageDataEntry : Page
66     {
67
68         // -- variables for management of data in the module
69         private string selectedTileName = string.Empty;
70         private Room room = new Room();
71         private Tile tile = new Tile();
72         private DataSummary dataSummary = new DataSummary();
73
74         public PageDataEntry()
75         {
76             InitializeComponent();
77             AssignmentRoomData();
78         }
79
80         // -- Clears the form's controls
81         private void ClearButton_OnClick(object sender, RoutedEventArgs e)
82         {
83             throw new NotImplementedException();
84         }
85
86         private void CalculateButton_OnClick(object sender, RoutedEventArgs e)
87         {
88             throw new NotImplementedException();
89         }
90
91         private void TileComboBox_OnLoaded(object sender, RoutedEventArgs e)
92         {
93             throw new NotImplementedException();
94         }
95
96         private void TileComboBox_OnSelectionChanged(object sender,
97             SelectionChangedEventArgs e)
98         {
99             throw new NotImplementedException();
100         }
101
102         private void AssignmentRoomData()
103         {
104             RoomWideATextBox.Text = "6.50";
105             RoomLongBTextBox.Text = "7.20";
106             Cutout1WideCTextBox.Text = "1.60";
107             Cutout1LongDTextBox.Text = "2.30";
108             Cutout2WideETextBox.Text = "0.6";
109             Cutout2LongFTextBox.Text = "0.3";
110         }
111     }
112 }
113
114
```