```csharp
1  /*------------------------------------------------*\
2   * Author     : Salvi Cyril
3   * Date       : 8th juny 2017
4   * Diploma   : RaspiHome
5   * Classroom : T.IS-E2B
6   *
7   * Description:
8   *       RaspiHomeTabletWindows is a program
9   *    compatible with the Windows tablet. It's a
10  *    program that can be use as tactil graphic
11  *    interface to order the component linked with
12  *    the other Raspberry Pi.
13  \*------------------------------------------------*/
14
15  using System;
16  using Windows.UI;
17  using Windows.UI.Xaml;
18  using Windows.UI.Xaml.Controls;
19  using Windows.UI.Xaml.Media;
20
21  // The User Control item template is documented at http://go.microsoft.com/
       fwlink/?LinkId=234236
22
23  namespace RaspiHomeTabletWindows.Menu.LocationButton
24  {
25      public sealed partial class LocationButtonView : UserControl
26      {
27          #region Fields
28          #region Constants
29          #endregion
30
31          #region Variables
32          private LocationButtonModel _model = null;
33
34          public event EventHandler _click;
35
36          private bool _isSelected = false;
37          private bool _isPressed = false;
38
39          private string _whoseButtonClicked = "";
40          #endregion
41          #endregion
42
43          #region Properties
44
45          public LocationButtonModel Model
46          {
47              get
48              {
49                  return _model;
50              }
51
52              set
53              {
54                  _model = value;
55              }
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        }

        public bool IsSelected
        {
            get
            {
                return _isSelected;
            }

            set
            {
                _isSelected = value;

                btnButtonLocation.IsTabStop = _isSelected;

                if (value)
                {
                    btnButtonLocation.BorderThickness = new Thickness(3);
                    btnButtonLocation.BorderBrush = new SolidColorBrush
                    (Color.FromArgb(255, 73, 130, 5));
                    tblLocationName.Foreground = new SolidColorBrush
                    (Color.FromArgb(255, 73, 130, 5));
                }
                else
                {
                    btnButtonLocation.BorderThickness = new Thickness(1);
                    btnButtonLocation.BorderBrush = new SolidColorBrush
                    (Color.FromArgb(255, 76, 74, 75));
                    tblLocationName.Foreground = new SolidColorBrush
                    (Color.FromArgb(255, 255, 255, 255));
                }
            }
        }

        public bool IsPressed
        {
            get
            {
                return _isPressed;
            }

            set
            {
                _isPressed = value;
            }
        }

        public string WhoseButtonClicked
        {
            get
            {
                return _whoseButtonClicked;
            }

            set
            {
```

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108                    _whoseButtonClicked = value;
109                }
110            }
111        #endregion
112
113        #region Constructor
114        /// <summary>
115        /// Constructor: Initializer
116        /// </summary>
117        public LocationButtonView(string frameChoose, string description)
118        {
119            this.InitializeComponent();
120
121            this.Model = new LocationButtonModel(this);
122
123            this.WhoseButtonClicked = frameChoose;
124
125            SetInformation(description);
126
127            this.tblLocationName.Text = description;
128        }
129        #endregion
130
131        #region Events
132        /// <summary>
133        /// Event on the button
134        /// </summary>
135        /// <param name="sender"></param>
136        /// <param name="e"></param>
137        private void btnButtonLocation_Click(object sender, RoutedEventArgs e)
138        {
139            if (this._click != null)
140                this._click(this, null);
141            this.IsPressed = true;
142        }
143        #endregion
144
145        #region Methods
146        /// <summary>
147        /// Set the Text of the button
148        /// </summary>
149        /// <param name="description"></param>
150        private void SetInformation(string description)
151        {
152            this.Model.SetInformation(description);
153        }
154        #endregion
155
156    }
157 }
158
```