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1  /*-----*\
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3  * Date     : 8th june 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 Windows.UI.Xaml.Media.Imaging;
16
17 namespace RaspiHomeTabletWindows.Menu.MenuToolbar
18 {
19     public class ToolbarButtonModel : PropertyChangedBase
20     {
21         #region Fields
22         #region Constants
23         #endregion
24
25         #region Variables
26         private ToolbarButtonView _view = null;
27
28         private string _description = "";
29         private string _folderIconName = "";
30         private string _iconLink = null;
31         private BitmapImage imgSource = null;
32         #endregion
33         #endregion
34
35         #region Properties
36         public ToolbarButtonView View
37         {
38             get
39             {
40                 return _view;
41             }
42
43             set
44             {
45                 _view = value;
46             }
47         }
48
49         public string Description
50         {
51             get
52             {
53                 return _description;
54             }
55
56             set
```

```
57         {
58             _description = value;
59         }
60     }
61
62     public string FolderIconName
63     {
64         get
65         {
66             return _folderIconName;
67         }
68         set
69         {
70             _folderIconName = value;
71         }
72     }
73
74     public string IconLink
75     {
76         get
77         {
78             return _iconLink;
79         }
80         set
81         {
82             _iconLink = value;
83         }
84     }
85
86     public string IconPath { get; set; }
87
88     public BitmapImage ImgSource
89     {
90         get
91         {
92             return imgSource;
93         }
94         set
95         {
96             imgSource = value;
97         }
98     }
99
100 }
101 #endregion
102
103 #region Constructor
104 /// <summary>
105 /// Constructor: Initializer
106 /// </summary>
107 public ToolbarButtonModel(ToolbarButtonView paramView)
108 {
109     this.View = paramView;
110 }
111 #endregion
112
```

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113
114     #region Events
115     #endregion
116
117     #region Methods
118     /// <summary>
119     /// Set informations for the button
120     /// </summary>
121     /// <param name="description"></param>
122     /// <param name="iconLink"></param>
123     public void SetInformation(string description, string iconLink)
124     {
125         this.Description = description;
126         this.IconLink = iconLink;
127
128         if (iconLink != "")
129             this.IconPath = "ms-appx:///Icon/" + _iconLink;
130         else
131             this.IconPath = "";
132
133         ChangeIcon();
134     }
135
136     /// <summary>
137     /// Change the icon of the button
138     /// </summary>
139     private void ChangeIcon()
140     {
141         this.View.ChangeIcon(this.IconPath);
142     }
143     #endregion
144 }
145 }
146
```