```qml
 1: /*
 2:  * File: Alert.qml
 3:  * Description: A module for displaying engine code alerts.
 4:  * Project: Carberry Pi
 5:  * Author: Ryan McHugh
 6:  * Year: 2020
 7:  */
 8:
 9: import QtQuick 2.11
10: import QtQuick.Window 2.4
11: import QtQuick.Controls 2.4
12: import QtQuick.Controls.Styles 1.4
13: import QtQuick.Layouts 1.3
14: import QtQuick.Extras 1.4
15: import ".."
16: import "../items" as Items
17: import "../resources/"
18: import "../js/header_back.js" as HeaderBack
19:
20: Item {
21:     id: internal_item
22:
23:     property var style: null
24:     property var amount: 0
25:     property var stack: null
26:     property var context: null
27:
28:     width: 80
29:     height: 35
30:
31:
32:     Row {
33:         id: internal_row
34:         anchors.rightMargin: 10
35:
36:         height: parent.height
37:
38:         Image{
39:             id: internal_image
40:             source: "../resources/alert.svg"
41:
42:             height: parent.height
43:             width: this.height
44:
45:             MouseArea{
46:                 anchors.fill: parent
47:                 onPressed: function() {
48:                     stack.push(view3)
49:                     internal_item.opacity = 0.5
50:                 }
51:                 onReleased: function(){
52:                     internal_item.opacity = 0
53:                     internal_item.enabled = false
54:                 }
55:                 // onClicked: stack.push(stack.view1)
56:             }
57:
58:             OpacityAnimator{
59:                 id: animation
60:                 target: internal_item
61:                 from: 0
62:                 to: 1
63:                 duration: 500
64:             }
65:
66:         }
67:
68:
```

```qml
 69:
 70:     Items.Label{
 71:       id: amountLabel
 72:       text: amount
 73:       style: internal_item.style
 74:     }
 75:
 76:
 77:
 78:   }
 79:
 80:   Component{
 81:     id: view3
 82:
 83:     Item {
 84:       id: alertItem
 85:       objectName: "Alerts"
 86:
 87:       Frame{
 88:         id: alertPage
 89:         width: 700
 90:         height: 420
 91:
 92:         anchors.horizontalCenter: parent.horizontalCenter
 93:         anchors.verticalCenter: parent.verticalCenter
 94:
 95:         Items.Label{
 96:           id: alertLabel
 97:           text: "Alerts - Engine Code"
 98:           style: internal_item.style
 99:           anchors.horizontalCenter: parent.horizontalCenter
100:         }
101:
102:         ListView{
103:           anchors.horizontalCenter: parent.horizontalCenter
104:           anchors.top: alertLabel.bottom
105:
106:           id: alert_view
107:
108:           implicitHeight: alertPage.height
109:           implicitWidth: alertPage.width - 50
110:
111:           clip: true
112:
113:           model: ListModel {
114:             id: alert_model
115:             dynamicRoles: true
116:             Component.onCompleted: function(){
117:               for(var iter = 0; iter < (context.handler['code']).length; iter++){
118:                 var code_tuple = (context.handler['code'][iter]).split('|', 2)
119:                 this.append({key: code_tuple[iter], value: code_tuple[iter+1]})
120:               }
121:
122:             }
123:           }
124:
125:           delegate: alert_model_delegate
126:
127:           Component {
128:             id: alert_model_delegate
129:
130:             Item{
131:               width: alert_view.implicitWidth
132:               height: 200
133:               anchors.horizontalCenter: parent.horizontalCenter
134:               clip: true
135:
136:               Column{
```

```
137:                       anchors.fill: parent
138:
139:                   Items.Label {
140:                     id: alert_model_col1
141:                     text: model.key
142:                     width: parent.width
143:                     style: 'caution'
144:                   }
145:
146:                   Items.Label {
147:                     id: alert_model_col2
148:                     text: model.value
149:                     width: parent.width;
150:                     style: internal_item.style
151:                   }
152:
153:                 }
154:
155:             }
156:           }
157:
158:
159:
160:
161:
162:         }
163:
164:       Component.onCompleted: function(){
165:         HeaderBack.buttonCreation()
166:       }
167:
168:       Component.onDestruction: function(){
169:         internal_item.enabled = true
170:         animation.start()
171:       }
172:     }
173:   }
174: }
175:
176:
177:
178:
179:
180: // Component.onCompleted: function(){
181: //   if(style == null)
182: //     return;
183: //
184: //   internal_item.state = style;
185: // }
186: //
187: // states: [
188: //   State {
189: //     name: "dark"
190: //     PropertyChanges { target: amountLabel; color: "white"}
191: //   }
192: // ]
193: }
```