

Kalan Assignment 1

by Kalan Jay Hughes

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Assignment 1

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Introduction

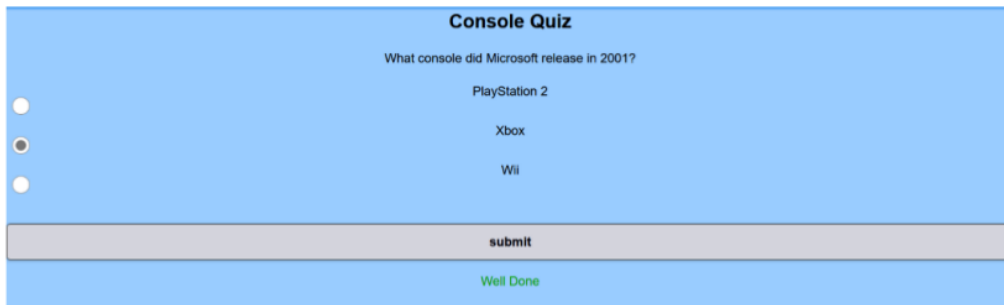
This assignment required a website to be created that has JavaScript features to allow for user interaction. The site required at least 3 components that demonstrated programming concepts. 2 of the components had to be implemented using raw JavaScript code. The third component had to be a jQuery implementation.

This report contains information regarding the creation of the website. The report will show screenshots of the components with annotations. It will also talk about the development of each of the components. The code for the components will also be displayed. All of the code that was used to create the website will be displayed. There will be a conclusion and a bibliography section which contains all of the references used when creating the website.

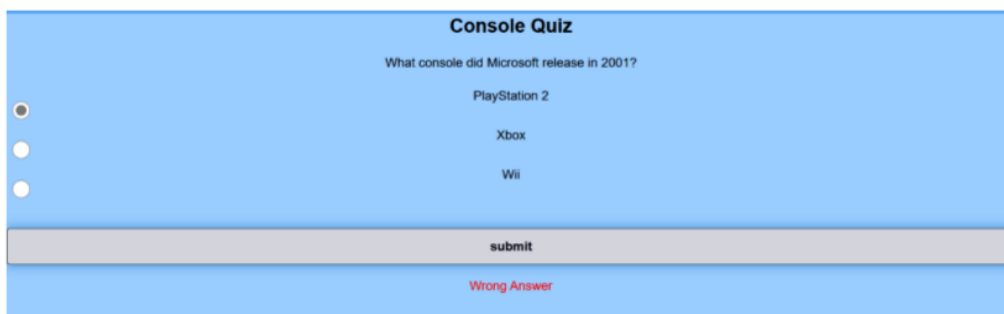
Website Components

This section of the report contains all of the components that were created for the website. There are screenshots of the components on the website. The methodology of each component is also talked about and there are annotated code listings of all of the components.

Quiz



The screenshot shows a quiz titled "Console Quiz" with the question "What console did Microsoft release in 2001?". There are three radio buttons on the left, each corresponding to an answer: "PlayStation 2", "Xbox", and "Wii". The "Xbox" option is selected, indicated by a filled brown circle. Below the options is a grey "submit" button. At the bottom, the text "Well Done" is displayed in green, indicating a correct answer.



The screenshot shows the same "Console Quiz" interface. The question is "What console did Microsoft release in 2001?". The "PlayStation 2" option is selected, indicated by a filled brown circle. Below the options is a grey "submit" button. At the bottom, the text "Wrong Answer" is displayed in red, indicating an incorrect answer.

The first component that was produced was a quiz. The quiz is located at the bottom of the first page. There are multiple questions in the quiz that the user can interact with. Each question in the quiz has multiple answers that the user can select from. Once they choose their answer, they can click the submit button. If their answer is correct, "Well Done" will be displayed in green. If they are incorrect, "Wrong Answer" will be displayed in red.

The quiz component was produced by creating a function for each question. The function allowed the correct answer to be entered. It also allowed for a message to be displayed depending on if the user got the question correct or incorrect. A form action was then produced which allowed for the question and answers to be written and displayed. The quiz was created with JavaScript because it was a simple function, so no jQuery was required. The quiz was created because it allowed for user interaction which was one of the requirements for the website. Below is the annotated code listing for the quiz.

```

79 <script type="text/javascript">
80 function checkquiz() <!-- This function adds a quiz to the website-->
81 {
82   themessage=document.getElementById("message")
83   answer=document.getElementById("xbo") <!--This is the answer for the first question-->
84   if(answer.checked)
85   {
86     themessage.style.color='08aa08' <!-- if answer is correct, well done displayed in green-->
87     themessage.innerHTML="Well Done"
88   }
89   else
90   {
91     themessage.style.color='FF0000' <!-- if answer is incorrect, wrong answer displayed in red-->
92     themessage.innerHTML="Wrong Answer"
93   }
94 }
95 }

230 <div class="maintext"> <!--This is the quiz-->
231 <h2>Console Quiz</h2>
232
233 <form action="javascript:checkquiz()">
234 What console did Microsoft release in 2001?<br><br><!--This is the question-->
235 PlayStation 2 <input type="radio" id="pla" name="con" checked="checked"><br> <!--These are the answers-->
236 Xbox <input type="radio" id="xbo" name="con"><br>
237 Wii <input type="radio" id="wi" name="con"><br><br>
238 <input type="submit" value="submit" style="background-color: midnightblue;" <!--Submit button-->
239 </form>
240 <div id="message">...</div><br> <!--displays right or wrong answer-->
241 <hr><!-- adds black line to separate questions-->

```

Panel

Consoles that have released in the last 20 years

PlayStation 2 - 2000
 GameCube - 2001
 Xbox - 2001
 Game Boy Advance - 2001
 N-Gage - 2003
 Nintendo DS - 2004
 PlayStation Portable - 2004
 Xbox 360 - 2005
 PlayStation 3 - 2006
 Wii - 2006
 Nintendo 3DS - 2011
 PlayStation Vita - 2011
 Wii U - 2012
 PlayStation 4 - 2013
 Xbox One - 2013
 Nintendo Switch - 2017
 PlayStation 5 - 2020
 Xbox Series X/S - 2020
 [1]

[Close panel](#)

Open Panel

The second component that was produced was a panel. The panel is located on both of the pages in the website. The user can click on the "Open Panel" button and a panel will appear on the left side of the screen. The panel contains additional information that could not be seen before opening the panel. After the user is finished with the panel, they can close it by clicking the "Close panel" button or by clicking somewhere on the website.

The panel component was produced by creating a "panel" data-role. A data-display was added which gives the panel an animation when opening. The button to open the panel is linked to the panel so when it is clicked, the panel will open. The panel was created with jQuery because it is a difficult component to create with raw JavaScript. The

panel was created because it allows dynamic changes to be made to the visual layout of the website which was one of the requirements for the website. Below is the annotated code listing for the panel.

```

<a href="#leftpanel" id="mybutton" class="ui-btn ui-btn-inline">Open Panel</a> <!--Button to open panel-->

<div data-role="panel" id="leftpanel" data-display="push"> <!-- This adds a panel to the website-->
<h2>Consoles that have released in the last 20 years</h2> <!--This is the content in the panel-->
<p>PlayStation 2 - 2000<br>
GameCube - 2001<br>
Xbox - 2001<br>
Game Boy Advance - 2001<br>
N-Gage - 2003<br>
Nintendo DS - 2004<br>
PlayStation Portable - 2004<br>
Xbox 360 - 2005<br>
PlayStation 3 - 2006<br>
Wii - 2006<br>
Nintendo 3DS - 2011<br>
PlayStation Vita - 2011<br>
Wii U - 2012<br>
PlayStation 4 - 2013<br>
Xbox One - 2013<br>
Nintendo Switch - 2017<br>
PlayStation 5 - 2020<br>
Xbox Series X/S - 2020<br>
[1]<br>
</p>
<a id="panelcancel" data-rel="close" data-swipe-close="true" >Close panel</a> <!-- Button to close panel-->
</div>

```

Rollover Images

Consoles



Xbox Series X [9]

Consoles



Xbox Series S [10]

The final component that was produced was rollover images. The rollover images are located on both pages on the website. There are multiple rollover images that the user can interact with. An image is displayed on the website. When the user hovers their cursor over the image, the image, and the description changes. When they remove their cursor from the image, it goes back to the original image and description.

The rollover images component was produced by creating a function. Four images were inserted into the html. An if statement was created to allow a message to be displayed depending on which image was showing. An onMouseOver and onMouseOut were created to display a different image when the user hovers over the image. A span was also created to display the message that is linked to the image. The rollover images were created with JavaScript because it was a simple function, so no jQuery was required. The rollover images were created because it demonstrated a programming

concept in raw JavaScript which was one of the requirements for the website. Below is the annotated code listing for the rollover images.

```
<script language="JavaScript" type="text/javascript">
var myimg1=new Image(); <!-- This adds the four images that will be used in the function below-->
var myimg2=new Image();
var myimg3=new Image();
var myimg4=new Image();
myimg1.src="magnavox.jpg";
myimg2.src="magnavox2.jpg";
myimg3.src="ralph.jpg";
myimg4.src="magnavoxlogo.jpg";

function changeimage(theimage,replacementimg,thestate) <!-- This function allows for images to change once the mouse hovers over them-->
{
    theimage.src=replacementimg.src;
    theconsolemessage=document.getElementById("conmessage")
    thesecondmessage=document.getElementById("secmessage")

    if(thestate==1)
    {
        theconsolemessage.innerHTML="Magnavox Odyssey 2 (1978) [2] " <!--messages that will be displayed with the pictures-->
    }
    else if(thestate==2)
    {
        theconsolemessage.innerHTML="Magnavox Odyssey (1972) [2] "
    }
    else if(thestate==3)
    {
        thesecondmessage.innerHTML="Magnavox Logo [4]"
    }
    else{
        thesecondmessage.innerHTML="Ralph H. Baer [3]"
    }
}
</script>
```

```
217 <div class="maintext"> <!--Second paragraph on website-->
218 <h2>The Magnavox Series</h2>
219  <!--changes picture when mouse hovers over-->
221 <span id="conmessage">...</span> <!--Displays message for each picture-->
222 
224 <span id="secmessage">...</span>
225 <p>The first ever video game console was released in 1972 and it was called the Magnavox Odyssey. It was designed by Ralph H. Baer. Magr
226 Magnavox would go on to release an additional 8 consoles up until 1977. In 1974, a company called Phillips purchased Magnavox. They deci
227 These were called the Phillips Odyssey 200, Phillips Odyssey 2001, and the Phillips Odyssey 2100. In 1978, the Mangavox Odyssey 2 was re
228 </p><br><br>
229 </div>
```

Code Listing Page 1:

This is the annotated code listing for page 1 of the website.

```
1 <html>
2 <head>
3
4 <script src="jquery-3.5.1.js"></script> <!-- These scripts allow for themes and different features to be included -->
5 <script src="http://code.jquery.com/jquery-migrate-3.0.0.js"></script>
6 <link rel="stylesheet" href="themes/kalan1.min.css" />
7 <link rel="stylesheet" href="themes/jquery.mobile.icons.min.css" />
8 <link rel="stylesheet" href="http://code.jquery.com/mobile/1.4.5/jquery.mobile.structure-1.4.5.min.css" />
9 <script src="http://code.jquery.com/jquery-1.11.1.min.js"></script>
10 <script src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"></script>
11
12 <style> <!--Style tag allows me to style certain things in the website-->
13 #pageheading {
14     text-align: center;
15     font-size: 80px;
16 }
17
18 #mybutton.ui-btn { background-color : #79b9fb}
19 #mybutton2.ui-btn { background-color : #79b9fb}
20 #mybutton3.ui-btn { background-color : #79b9fb}
21
22 #leftpanel {
23     background-color: #c5e0fc;
24 }
25
26 .maintext{
27     background-color: #99CCFF;
28     text-align: center;
29 }
30
31 .footer{
32     background-color: #99CCFF;
33     text-align: center;
34 }
35
36 hr{
37     background-color: Black;
38     margin-bottom: 20px;
39 }
40 </style>
41
42 <script language="JavaScript" type="text/javascript">
43     var myimg1=new Image(); <!-- This adds the four images that will be used in the function below-->
44     var myimg2=new Image();
45     var myimg3=new Image();
46     var myimg4=new Image();
47     myimg1.src="magnavox.jpg";
48     myimg2.src="magnavox2.jpg";
49     myimg3.src="ralph.jpg";
50     myimg4.src="magnavoxlogo.jpg";
51
```

```

53 function changeimage(theimage,replacementimg,thestate) <!-- This function allows for images to change once the mouse hovers over them-->
54 {
55
56 theimage.src=replacementimg.src;
57 theconsolemessage=document.getElementById("conmessage")
58 thesecondmessage=document.getElementById("secmessage")
59
60     if(thestate==1)
61     {
62         theconsolemessage.innerHTML="Magnavox Odyssey 2 (1978) [2] " <!--messages that will be displayed with the pictures-->
63     }
64     else if(thestate==2)
65     {
66         theconsolemessage.innerHTML="Magnavox Odyssey (1972) [2] "
67     }
68     else if(thestate==3)
69     {
70         thesecondmessage.innerHTML="Magnavox Logo [4]"
71     }
72     else{
73         thesecondmessage.innerHTML="Ralph H. Baer [3]"
74     }
75 }
76 </script>

```

```

79 <script type="text/javascript">
80 function checkquiz() <!-- This function adds a quiz to the website-->
81 {
82     themessage=document.getElementById("message")
83     answer=document.getElementById("xbo") <!--This is the answer for the first question-->
84     if(answer.checked)
85     {
86         themessage.style.color='08aa08' <!-- if answer is correct, well done displayed in green-->
87         themessage.innerHTML="Well Done"
88     }
89     else
90     {
91         themessage.style.color='FF0000' <!-- if answer is incorrect, wrong answer displayed in red-->
92         themessage.innerHTML="Wrong Answer"
93     }
94 }
95 }

```

```

97 function checkquiz2()
98 {
99     themessage=document.getElementById("message2")
100     answer=document.getElementById("ds")
101     if(answer.checked)
102     {
103         themessage.style.color='08aa08'
104         themessage.innerHTML="Well Done"
105     }
106     else
107     {
108         themessage.style.color='FF0000'
109         themessage.innerHTML="Wrong Answer"
110     }
111 }
112
113 function checkquiz3()
114 {
115     themessage=document.getElementById("message3")
116     answer=document.getElementById("mag")
117     if(answer.checked)
118     {
119         themessage.style.color='08aa08'
120         themessage.innerHTML="Well Done"
121     }
122     else
123     {
124         themessage.style.color='FF0000'
125         themessage.innerHTML="Wrong Answer"
126     }
127 }
128
129 }

```

```

131 function checkquiz4()
132 {
133     themessage=document.getElementById("message4")
134     answer=document.getElementById("ps4")
135     if(answer.checked)
136     {
137         themessage.style.color='08aa08'
138         themessage.innerHTML="Well Done"
139     }
140     else
141     {
142         themessage.style.color='FF0000'
143         themessage.innerHTML="Wrong Answer"
144     }
145 }
146
147 function checkquiz5()
148 {
149     themessage=document.getElementById("message5")
150     answer=document.getElementById("xsx")
151     if(answer.checked)
152     {
153         themessage.style.color='08aa08'
154         themessage.innerHTML="Well Done"
155     }
156     else
157     {
158         themessage.style.color='FF0000'
159         themessage.innerHTML="Wrong Answer"
160     }
161 }
162 }
163 </script>
164 </head>

```

```

166 <body>
167
168 <h1 id="pageheading">About Gaming Consoles</h1> <!-- This adds a heading to the website-->
169
170
171 <div data-role="main" class="maintext"> <!-- This adds a navigation menu-->
172 <h2>Navigation Menu</h2>
173 <a href="#leftpanel" id="mybutton" class="ui-btn ui-btn-inline">Open Panel</a> <!--Button to open panel-->
174 <a href="index.html" id="mybutton2" data-ajax="false" class="ui-btn ui-btn-inline">Page 1</a> <!--Button to go to page 1-->
175 <a href="pagetwo.html" id="mybutton3" data-ajax="false" class="ui-btn ui-btn-inline ui-icon-arrow-r ui-btn-icon-right">Page 2</a>
176 <!--Button to go to page 2-->
177 </div><br><br>

```

```

180 <div data-role="panel" id="leftpanel" data-display="push"> <!-- This adds a panel to the website-->
181 <h2>Consoles that have released in the last 20 years</h2> <!--This is the content in the panel-->
182 <p>PlayStation 2 - 2000<br>
183 GameCube - 2001<br>
184 Xbox - 2001<br>
185 Game Boy Advance - 2001<br>
186 N-Gage - 2003<br>
187 Nintendo DS - 2004<br>
188 PlayStation Portable - 2004<br>
189 Xbox 360 - 2005<br>
190 PlayStation 3 - 2006<br>
191 Wii - 2006<br>
192 Nintendo 3DS - 2011<br>
193 PlayStation Vita - 2011<br>
194 Wii U - 2012<br>
195 PlayStation 4 - 2013<br>
196 Xbox One - 2013<br>
197 Nintendo Switch - 2017<br>
198 PlayStation 5 - 2020<br>
199 Xbox Series X/S - 2020<br>
200 [1]<br>
201 </p>
202 <a id="panelcancel" data-rel="close" data-swipe="close" data-swipe-close="true" >Close panel</a> <!-- Button to close panel-->
203 </div>

```

```

207 <div class="maintext"> <!--First paragraph on website-->
208 <h2> About The Website</h2>
209 <p>This website contains information that will help to expand your knowledge on video
210 This page also has information about the Magnavox consoles. There is a quiz that you c
211 The second page contains information about some of the consoles that Sony, Microsoft,
212 It will also talk about some of the video games available on the consoles.</p><br><br>
213 </div>

```

```

217 <div class="maintext"> <!--Second paragraph on website-->
218 <h2>The Magnavox Series</h2>
219  <!--changes picture when mouse hovers over-->
221 <span id="conmessage">...</span> <!--Displays message for each picture-->
222 
224 <span id="secmessage">...</span>
225 <p>The first ever video game console was released in 1972 and it was called the Magnavox Odyssey. It was designed by Ralph H. Baer. Magr
226 Magnavox would go on to release an additional 8 consoles up until 1977. In 1974, a company called Phillips purchased Magnavox. They deci
227 These were called the Phillips Odyssey 200, Phillips Odyssey 2001, and the Phillips Odyssey 2100. In 1978, the Mangavox Odyssey 2 was re
228 </p><br><br>
229 </div>

```

```

230 <div class="maintext"> <!--This is the quiz-->
231 <h2>Console Quiz</h2>
232
233 <form action="javascript:checkquiz()">
234 What console did Microsoft release in 2001?<br><br><!--This is the question-->
235 PlayStation 2 <input type="radio" id="pla" name="con" checked="checked"><br> <!--These are the answers-->
236 Xbox <input type="radio" id="xbo" name="con"><br>
237 Wii <input type="radio" id="wi" name="con"><br><br>
238 <input type="submit" value="submit" style="background-color: midnightblue"> <!--Submit button-->
239 </form>
240 <div id="message">...</div><br> <!--displays right or wrong answer-->
241 <hr><!-- adds black line to seperate questions-->

```

```

244 <form action="javascript:checkquiz2()">
245   What console did Nintendo release in 2004?<br><br>
246   Nintendo DS <input type="radio" id="ds" name="con2" checked="checked"><br>
247   Nintendo Wii <input type="radio" id="wi" name="con2"><br>
248   Nintendo Switch <input type="radio" id="swi" name="con2"><br><br>
249   <input type="submit" value="submit" style="background-color: midnightblue">
250 </form>
251 <div id="message2">...</div><br>
252 <hr>
253
254
255 <form action="javascript:checkquiz3()">
256   What was the first ever console?<br><br>
257   Magnavox Odyssey <input type="radio" id="mag" name="con3" checked="checked"><br>
258   Atari 7800 <input type="radio" id="ata" name="con3"><br>
259   Sega Genesis <input type="radio" id="seg" name="con3"><br><br>
260   <input type="submit" value="submit" style="background-color: midnightblue">
261 </form>
262 <div id="message3">...</div><br>
263 <hr>
264
265
266 <form action="javascript:checkquiz4()">
267   What was the best-selling console of 2014?<br><br>
268   Xbox One <input type="radio" id="xb1" name="con4" checked="checked"><br>
269   PlayStation 3 <input type="radio" id="ps3" name="con4"><br>
270   Xbox 360 <input type="radio" id="x36" name="con4"><br>
271   PlayStation 4 <input type="radio" id="ps4" name="con4"><br><br>
272   <input type="submit" value="submit" style="background-color: midnightblue">
273 </form>
274 <div id="message4">...</div><br>
275 <hr>
276
277
278 <form action="javascript:checkquiz5()">
279   What is the name of the newest Xbox?<br><br>
280   Xbox One <input type="radio" id="xb1" name="con4" checked="checked"><br>
281   Xbox Series X <input type="radio" id="xSX" name="con4"><br>
282   Xbox One X <input type="radio" id="xox" name="con4"><br>
283   Xbox <input type="radio" id="ps4" name="xbo"><br><br>
284   <input type="submit" value="submit" style="background-color: midnightblue">
285 </form>
286 <div id="message5">...</div><br>
287 <hr>
288 </div>
289
290
291
292 <div class="footer"> <!--adds a footer-->
293 <h2>References</h2>
294 <p>[1] "Video game console," Wikipedia, 9 December 2020. [O
295 [2] "Odyssey Series," Wikipedia, 7 December 2020. [Online].
296 [3] "Ralph H. Baer," Wikipedia, 14 December 2020. [Online].
297 [4] "Magnavox," Wikipedia, 11 December 2020. [Online]. Avai
298 </p>
299
300 <h4>&copy; Kalan 2020</h4>
301 </div>
302 </body>
303 </html>

```

Code Listing Page 2:

This is the annotated code listing for page 2 of the website.

```
1 <html>
2 <head>
3
4 <script src="jquery-3.5.1.js"></script> <!-- These scripts allow for themes and different features to be included -->
5 <script src="http://code.jquery.com/jquery-migrate-3.0.0.js"></script>
6 <link rel="stylesheet" href="themes/kalani.min.css" />
7 <link rel="stylesheet" href="themes/jquery.mobile.icons.min.css" />
8 <link rel="stylesheet" href="http://code.jquery.com/mobile/1.4.5/jquery.mobile.structure-1.4.5.min.css" />
9 <script src="http://code.jquery.com/jquery-1.11.1.min.js"></script>
10 <script src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"></script>
11
12 <style> <!--Style tag allows me to style certain things in the website-->
13 #pageheading {
14   text-align: center;
15   font-size: 80px;
16 }
17
18 #mybutton.ui-btn { background-color : #79b9fb}
19 #mybutton2.ui-btn { background-color : #79b9fb}
20 #mybutton3.ui-btn { background-color : #79b9fb}
21
22 #leftpanel {
23   background-color: #c5e0fc;
24 }
25
26 .maintext{
27   background-color: #99CCFF;
28   text-align: center;
29 }
30
31 .footer{
32   background-color: #99CCFF;
33   text-align: center;
34 }
35 </style>
36
37
38 <script language="JavaScript" type="text/javascript">
39   var myimg1=new Image(); <!-- This adds the four images that will be used in the function below-->
40   var myimg2=new Image();
41   var myimg3=new Image();
42   var myimg4=new Image();
43   myimg1.src="ps5.jpg";
44   myimg2.src="ps5digital.jpg";
45   myimg3.src="xboxseriesx.jpg";
46   myimg4.src="xboxseriesx.jpg";
```

```

48 function changeimage(theimage,replacementimg,thestate) <!-- This function allows for images to change once the mouse hovers over them-->
49 {
50
51 theimage.src=replacementimg.src;
52 theconsolemessage=document.getElementById("conmessage")
53 thesecondmessage=document.getElementById("secmessage")
54
55     if(thestate==1)
56     {
57         theconsolemessage.innerHTML="PS5 Digital Edition (2020) [8] " <!--messages that will be displayed with the pictures-->
58     }
59     else if(thestate==2)
60     {
61         theconsolemessage.innerHTML="PS5 (2020) [8] "
62     }
63     else if(thestate==3)
64     {
65         thesecondmessage.innerHTML="Xbox Series S [10]"
66     }
67     else{
68         thesecondmessage.innerHTML="Xbox Series X [9]"
69     }
70 }
71 </script>
72 </head>

```

```

74 <body>
75
76 <h1 id="pageheading">About Gaming Consoles</h1> <!-- This adds a heading to the website-->
77
78
79 <div data-role="main" class="maintext"> <!-- This adds a navigation menu-->
80 <h2>Navigation Menu</h2>
81 <a href="#leftpanel" id="mybutton" class="ui-btn ui-btn-inline">Open Panel</a> <!--Button to open panel-->
82 <a href="index.html" id="mybutton2" data-ajax="false" class="ui-btn ui-btn-inline ui-icon-arrow-l ui-btn-icon-left">Page 1</a>
83 <!--Button to go to page 1-->
84 <a href="pagetwo.html" id="mybutton3" data-ajax="false" class="ui-btn ui-btn-inline">Page 2</a> <!--Button to go to page 2-->
85 </div><br><br>

```

```

88 <div data-role="panel" id="leftpanel" data-display="push"> <!-- This adds a panel to the website-->
89 <h2>Consoles that some companies have released </h2> <!--This is the content in the panel-->
90 <p>Sony:<br>
91 PlayStation - 1994<br>
92 PlayStation 2 - 2000<br>
93 PlayStation 3 - 2006<br>
94 PlayStation 4 - 2013<br>
95 PlayStation 5 - 2020<br>
96 [5]<br><br>
97 Microsoft:<br>
98 Xbox - 2001<br>
99 Xbox 360 - 2005<br>
100 Xbox One - 2013<br>
101 Xbox Series X/S - 2020<br>
102 [6]<br><br>
103 Nintendo:<br>
104 Nintendo Entertainment System - 1985<br>
105 Game Boy - 1989<br>
106 Super Nintendo Entertainment System - 1991<br>
107 Nintendo 64 - 1996<br>
108 Nintendo GameCube - 2001<br>
109 Nintendo DS - 2004<br>
110 Wii - 2006<br>
111 Wii U - 2012<br>
112 Nintendo Switch - 2017<br>
113 [7]<br>
114 </p>
115 <a id="panelcancel" data-rel="close" data-swipe="close"="true" >Close panel</a> <!-- Button to close panel-->
116 </div>

```

```

119 <div class="maintext"> <!--First paragraph on website-->
120 <h2> Video Games</h2>
121 <p>The main reason why someone would own a video game console :
122 This means that you would have to own a specific console to pl.
123 Some exclusive games on the PS5 are Demon's Souls, Spider-Man:
124 </div>

128 <div class="maintext"> <!--Second paragraph on website-->
129 <h2>Latest Consoles</h2>
130  <!--changes picture when mouse hovers over-->
132 <span id="conmessage">...</span> <!--Displays message for each picture-->
133 
135 <span id="secmessage">...</span>
136 <p>The latest consoles that have released is the PlayStation 5 and the Xbox Series X/S. They both released in November 2020. Both consoles
137 The PlayStation 5 has two variants. One with a disk drive and one without a disk drive. The xbox also has two variants. One has a disk drive
138 Both consoles are very powerful and they are capable of great things so it is down to the consumer to decide which one they prefer.
139 </p><br><br>
140 </div>

142 <div class="footer"> <!--adds a footer-->
143 <h2>References</h2>
144 <p>[5] Rainfelt, "All PlayStation Console Models & Generations"
145 [6] Rainfelt, "All Xbox Console Models & Generations"
146 [7] "List of Nintendo systems," Fandom, [Online].
147 [8] "PS5," Sony, [Online]. Available: https://www.sony.com/uk/ps5
148 [9] S. Tirman, "Xbox's Cutting-Edge Next-Gen Series S," The Verge, [Online]. Available: https://www.theverge.com/2020/11/17/21557111/xbox-series-s-release-date
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150 </p>
151
152 <h4>&copy; Kalan 2020</h4>
153 </div>
154 </body>
155 </html>

```

Conclusion

In conclusion, this report has shown the development of the 3 components. It has also shown all of the code that was used to create the website. All of the task requirements were met because the assignment required 3 components to be made. It also required navigation on the website which was included. The quality of the website is good because all of the components work correctly which is good for the users experience. The overall integration of the site is satisfactory because the site is readable, and it has an appropriate layout and style.

Bibliography

Below are all of the references that were used in the creation of the website.

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] November 2019. [Online]. Available: <https://altarofgaming.com/all-playstation-consoles/>.
[Accessed 15 December 2020].
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- [7 "List of Nintendo systems," [Online]. Available:
] https://nintendo.fandom.com/wiki/List_of_Nintendo_systems#:~:text=Home%20Consoles%20%20%20Names%20%20greatly%20improve%20...%20%209%20more%20rows%20. [Accessed 15 December 2020].
- [8 "PS5," Sony, [Online]. Available: <https://www.playstation.com/en-gb/ps5/>. [Accessed 15
] December 2020].
- [9 S. Tirman, "Xbox's Cutting-Edge Next-Gen Series X 4K Gaming Console Has Been Unveiled," 16
] December 2019. [Online]. Available: <https://hiconsumption.com/microsoft-xbox-series-x-4k-gaming-console/>. [Accessed 15 December 2020].
- [1 S. Nunneley, "Xbox Series S delivers the same core experience as Xbox Series X, just at a reduced
0] resolution," 9 September 2020. [Online]. Available: <https://www.vg247.com/2020/09/09/xbox-series-s-same-core-experience-as-xbox-series-x-reduced-resolution/>. [Accessed 15 December 2020].

Kalan Assignment 1

GRADEMARK REPORT

FINAL GRADE

57 / 100

GENERAL COMMENTS

Instructor

WEBSITE

Range of Javascript code demonstrated - Raw JS is a bit basic and not far from the examples covered in class. It would have been nice if you had pushed this a bit further. Quiz is OK, but a different function is not really needed, you could make your code more efficient by using parameters. You didn't really need to put jQuery Mobile into this assignment - the assignment brief asks for JQuery/JQueryUI specifically (jQueryMobile is for Assignment 2) Nevertheless, some functions implemented are suitable 33/60 -

Overall integration of website - A bit of a basic layout and in some places not really suitable for a desktop layout (although better on a phone) eg long submit buttons 5.5/10 -

REPORT

Analysis of technical development 8/15 - You've talked about what you did, but a bit more technical analysis would be good - eg do you consider the approach you took to be efficient? This content is a bit on the short side

Annotated code listing Mostly good, although you need a bit more detail in places 10/ 15 -

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