



PROJECT

Memory Game

A part of the Front-End Web Developer Nanodegree Program

PROJECT REVIEW

CODE REVIEW 6

NOTES

▶ js/app.js 4

▼ css/app.css 1

```
1 html {
2   box-sizing: border-box;
3 }
4
5 *,
6 *::before,
7 *::after {
8   box-sizing: inherit;
9 }
10
11 html,
12 body {
13   width: 100%;
14   height: 100%;
15   margin: 0;
16   padding: 0;
17 }
18
19 body {
20   background: #433e3f;
21   font-family: 'Coda', cursive;
22 }
23
24 .container {
25   display: flex;
```

```
26   justify-content: center;
27   align-items: center;
28   flex-direction: column;
29 }
30
31 h1 {
32   font-family: 'Open Sans', sans-serif;
33   font-weight: 300;
34   color: #c69c72;
35 }
36
37 section.game-panel {
38   display: flex;
39   justify-content: center;
40   align-items: center;
41   flex-direction: column;
42 }
43
44 .hidden {
45   display: none !important;
46 }
47
48
49 /* Tablet */
50 @media screen and (max-width:800px) {
51   .container {
52     width: 100%;
53   }
54   .deck {
55     max-width: 600px;
56     min-height: 580px !important;
57   }
58   .deck .card {
59     height: 110px !important;
60     width: 110px !important;
61   }
62 }
63
64 /* Phone */
65 @media screen and (max-width:600px) {
66   .container {
67     width: 100%;
68   }
69   .deck {
70     max-width: 410px;
71     min-height: 380px !important;
72   }
73   .deck .card {
74     height: 70px !important;
75     width: 70px !important;
76   }
77 }
78
79 /* Small Phone */
80 @media screen and (max-width:400px) {
81   .container {
```



AWESOME

Very good use of media queries!

```
82     width: 100%;
83   }
84   .deck {
85     max-width: 270px;
86     min-height: 300px !important;
87     padding: 18px !important;
88   }
89   .deck .card {
90     height: 50px !important;
91     width: 50px !important;
92     font-size: 23px !important;
93   }
94   .score-panel {
95     width: 270px !important;
96   }
97 }
98
99 /* Deck */
100
101 .deck {
102   width: 660px;
103   min-height: 680px;
104   background: #7a7265;
105   padding: 32px;
106   border-radius: 10px;
107   box-shadow: 12px 15px 20px 0 rgba(46, 61, 73, 0.5);
108   display: flex;
109   flex-wrap: wrap;
110   justify-content: space-between;
111   align-items: center;
112   margin: 0 0 3em;
113 }
114
115 .deck .card {
116   height: 125px;
117   width: 125px;
118   background: #8e6e53;
119   font-size: 0;
120   color: #c69c72;
121   border-radius: 8px;
122   cursor: pointer;
123   display: flex;
124   justify-content: center;
125   align-items: center;
126   box-shadow: 5px 2px 20px 0 rgba(46, 61, 73, 0.5);
127   transform-style: preserve-3d;
128   transition: all .5s ease;
129   font-size: 33px;
130 }
131
132 .deck .card.open {
133   background: #8e6e53;
134   cursor: default;
135   width: 125px;
136   transform-origin: bottom center;
137   font-size: 33px;
138   animation: flip .5s ease;
139 }
```

```
140
141 .deck .card.close {
142     font-size: 33px;
143     animation: unflip .5s ease;
144 }
145
146 .deck .card.match {
147     cursor: default;
148     background: #8e6e53;
149     animation: match 1.5s 1;
150     font-size: 33px;
151 }
152
153 .deck .card.bad {
154     cursor: default;
155     background: #f00;
156     animation: badMatch 1.2s 1;
157     font-size: 33px;
158 }
159
160 /* Card animations */
161
162 @keyframes unflip {
163     0% {
164         transform: rotateY(180deg);
165     }
166     30% {
167         font-size: 0px;
168     }
169     100% {
170         font-size: 0px;
171     }
172 }
173
174 @keyframes flip {
175     0% {
176         transform: rotateY(180deg);
177     }
178 }
179
180 @keyframes match {
181     0% {
182         transform: rotateY(180deg);
183     }
184     25% {
185         transform: scale(1.1);
186     }
187     50% {
188         transform: scale(1.2, .9);
189     }
190     75% {
191         transform: scale(1.1);
192     }
193     100% {
194         transform: scale(1);
195     }
196 }
197
198
199 @keyframes badMatch {
200     0% {
```

```
201     transform: rotateY(180deg);
202   }
203   25% {
204     transform: translateX(0px);
205   }
206   50% {
207     transform: translateX(-20px) rotate(-20deg);
208   }
209   60% {
210     transform: translateX(20px) rotate(20deg);
211   }
212   70% {
213     transform: translateX(-20px) rotate(-20deg);
214   }
215   80% {
216     transform: translateX(20px) rotate(20deg);
217   }
218   100% {
219     transform: translateX(0px);
220   }
221 }
222
223 /* Score Panel */
224
225 .score-panel {
226   text-align: left;
227   width: 450px;
228   margin-bottom: 10px;
229   display: flex;
230   justify-content: space-around;
231   color: #c69c72;
232 }
233
234 .stars {
235   margin: 0;
236   padding: 0;
237   display: inline-block;
238   margin: 0 5px 0 0;
239 }
240
241 .stars li {
242   list-style: none;
243   display: inline-block;
244 }
245
246 .score-panel .restart {
247   float: right;
248   cursor: pointer;
249 }
250
251 /* Win */
252
253 .winner-message {
254   display: flex;
255   flex-direction: column;
256   align-items: center;
257   text-align: center;
258   margin-top: 5%;
259   width: 660px;
260   min-height: 680px;
261   justify-content: center;
```

```
262   color: #c69c72;
263 }
264
265 .winner-message .stats-title {
266   font-weight: bold;
267 }
268
269 .winner-stats {
270   display: flex;
271   min-width: 200px;
272   justify-content: center;
273 }
274
275 .stats-left {
276   border-left: 2px solid;
277   border-top: 2px solid;
278 }
279
280 .stats-left div {
281   border-bottom: 2px solid;
282   padding: 10px;
283   font-weight: bold;
284 }
285
286 .stats-right {
287   border-top: 2px solid;
288   border-right: 2px solid;
289 }
290
291 .stats-right div {
292   border-bottom: 2px solid;
293   border-left: 2px solid;
294   padding: 10px;
295 }
296
297 .winner-message button {
298   background: #8e6e53;
299   padding: 16px;
300   margin-top: 25px;
301   color: #c69c72;
302   text-transform: uppercase;
303   border: 0px solid;
304   border-radius: 5px;
305   font-weight: bold;
306   letter-spacing: 1px;
307   box-shadow: 6px 7px 20px 0 rgba(46, 61, 73, 0.5);
308   font-family: 'Coda', cursive;
309 }
310
311 .winner-message button:hover {
312   opacity: .8;
313   cursor: pointer;
314 }
315
316 .checkmark.draw {
317   width: 280px;
318   height: 50px;
319   display: flex;
320   justify-content: center;
321   align-items: flex-start;
322 }
```

```
323
324 .checkmark.draw:after {
325     animation: drawCheck 1s ease;
326     transform: scaleX(-1) rotate(135deg);
327 }
328
329 .checkmark:after {
330     position: absolute;
331     height: 80px;
332     width: 35px;
333     opacity: 1;
334     transform-origin: left top;
335     border-right: 6px solid #00b9a9;
336     border-top: 6px solid #00b9a9;
337     content: '';
338     margin-left: -7px;
339 }
340
341 /* Checkmark animation*/
342 @keyframes drawCheck {
343     0% {
344         height: 0;
345         width: 0;
346         opacity: 1;
347     }
348     20% {
349         height: 0;
350         width: 35px;
351         opacity: 1;
352     }
353     40% {
354         height: 80px;
355         width: 35px;
356         opacity: 1;
357     }
358     100% {
359         height: 80px;
360         width: 35px;
361         opacity: 1;
362     }
363 }
364
365 /* Error Styles */
366 a.close:hover {
367     cursor: pointer;
368 }
369
370 a.close {
371     font-size: 24px;
372     margin-left: 20px;
373 }
374
375 .error-div {
376     margin-bottom: 10px;
377 }
378
379 .error-message {
380     display: flex;
381     justify-content: space-between;
382     align-items: center;
383     padding: 10px 20px;
```

```
384     background: #f95b3c;  
385     color: white;  
386     border-radius: 5px;  
387     font-size: 14px;  
388 }  
389
```

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► instructions.txt

► index.html

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