



CSF3133

WEB-BASED INTERFACE DESIGN

LAB REPORT 4

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PROGRAMME	COMPUTER SCIENCE (SOFTWARE ENGINEERING)

4.2 Page Structure Elements

The screenshot shows a web browser window titled "Struktur Halaman". The address bar displays the path "C:/Users/ASUS/Documents/DEGREE/SEM%203/WEB...". The main content area contains the following text:

Ini adalah header. Gambar juga boleh diletakkan di sini.

Ini adalah seksyen 1.

Ini adalah seksyen 2.

Ini adalah seksyen 3.

Berikut adalah contoh penggunaan meter:



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4.3 Insert Video into HTML5 Document

The screenshot shows a web browser window titled "video.html". The address bar displays the path "C:/Users/ASUS/Documents/DEGREE/SEM%203/...". The main content area displays a video player interface with the following details:

A video frame showing a person with dark hair, wearing a black jacket, smiling and holding a blue microphone. The background is red with glowing lights. A "STUDIO K" logo is visible in the top right corner of the video frame.

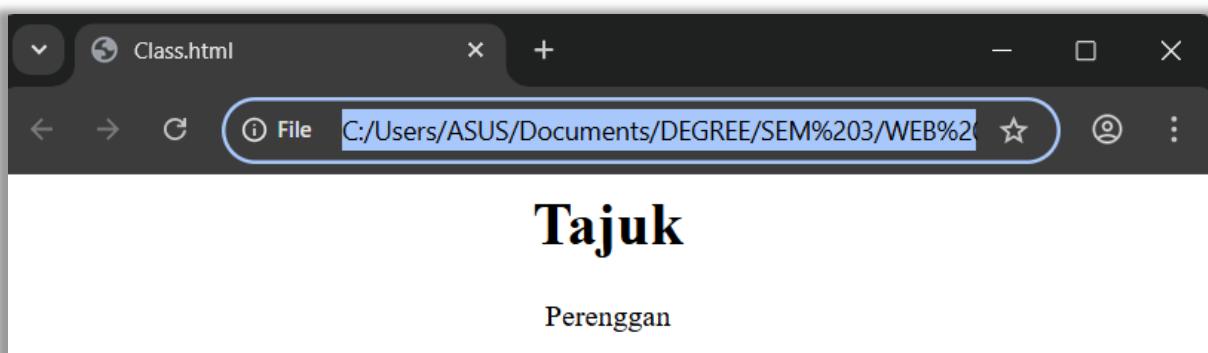
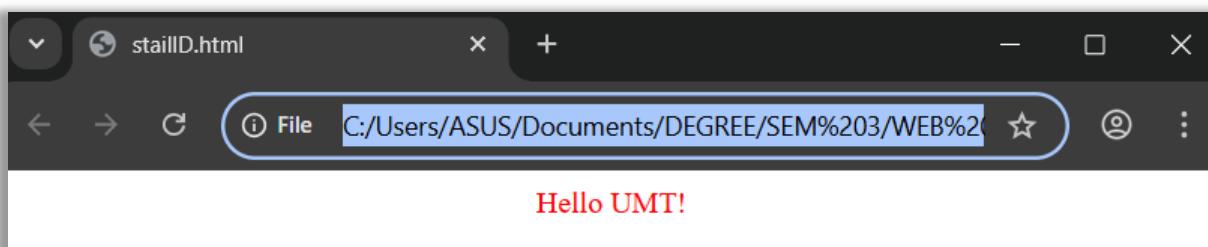
Video controls at the bottom of the player include:

- Play button (▶)
- Time indicator: 1:05 / 4:04
- Mute button (Speaker icon)
- Volume slider
- Full-screen button (Screen icon)
- More options button (Three dots icon)

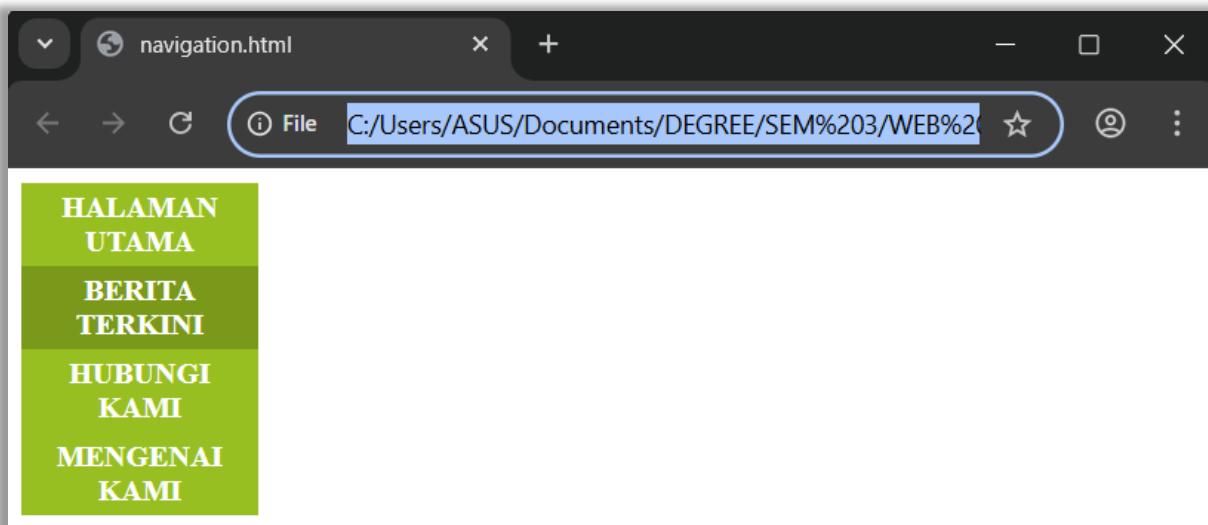
4.4 Cascading Style Sheets



4.5 Recognize ID and Selector Class



4.6 Navigation Bar using CSS

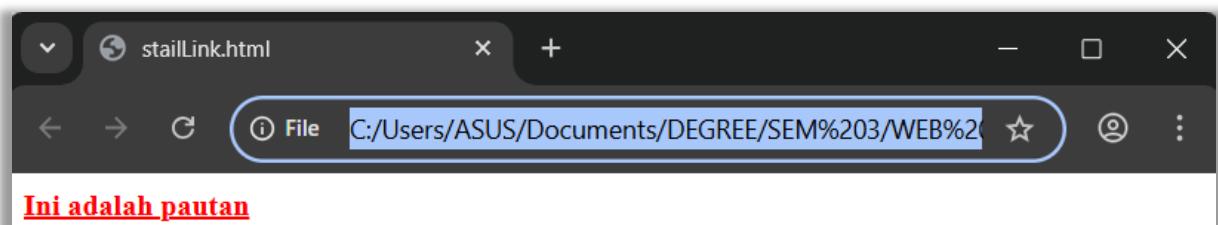


4.7 Recognizing Text Decoration

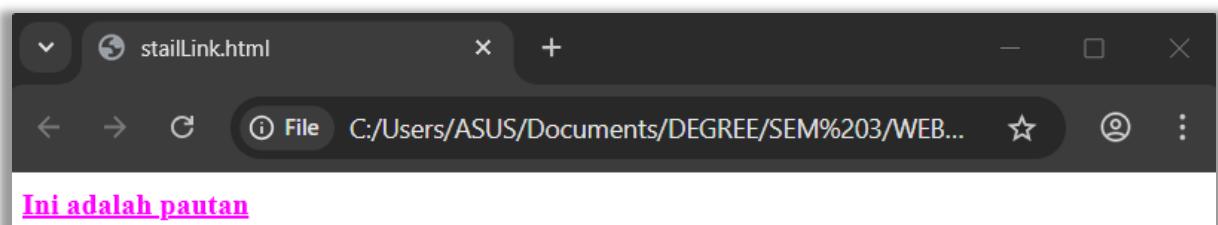


4.8 Recognizing Styling Links

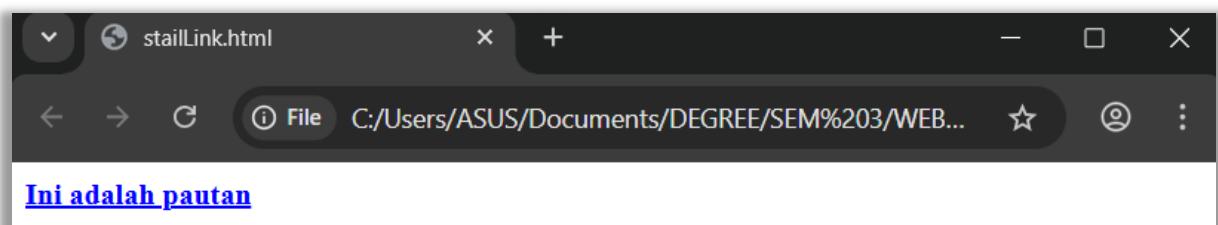
Unvisited link



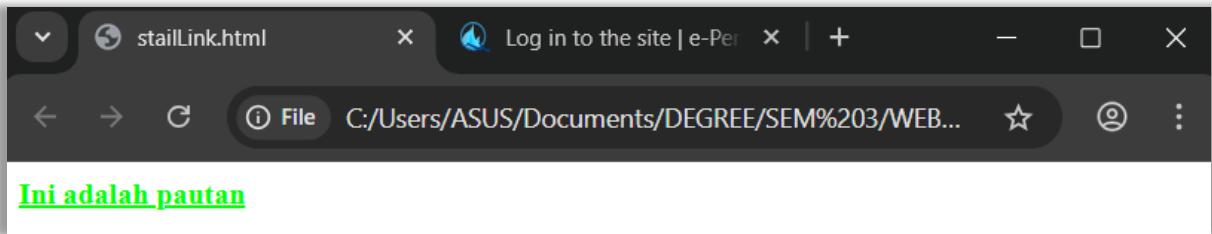
Mouse over link



Active link



Visited link



Lab Exercise 4

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>SAY THE NAME! SEVENTEEN (Lab 4)</title>
7      <link rel="stylesheet" href="style.css">
8
9      <style>
10         header {
11             background-color: #ff6699;
12             color: white;
13             padding: 15px 20px;
14
15             display: flex;
16             flex-direction: column;
17             align-items: center;
18         }
19
20         header h1 {
21             margin: 0 0 10px 0;
22             font-weight: 800;
23         }
24
25         nav ul {
26             list-style: none;
27             padding: 0;
28             margin: 0 0 20px 0;
29             display: flex;
30             gap: 28px;
31         }
32
33     </style>
```

```
34     .header-contact-link a {
35         color: #2c3e50;
36         background-color: #759bfa;
37         text-decoration: none;
38         font-weight: 700;
39         padding: 5px 15px;
40         border-radius: 30px;
41         transition: background-color 0.3s, color 0.3s;
42         border: 2px solid #2c3e50;
43     }
44
45     .header-contact-link a:hover {
46         background-color: white;
47         color: #ff6699;
48     }
49     .carat-diamond {
50         color: #fc5791;
51         text-shadow: 0 0 5px #0062b8;
52         font-size: 1.2em;
53         font-weight: bold;
54     }
55
56     body {
57         font-family: 'Times New Roman', Times, serif;
58         margin: 0;
59         padding: 0;
60
61         background-color: #d0e4f5;
62         color: #2c3e50;
63         line-height: 1.6;
64     }
65 }
```

```
66     main {
67         padding: 20px;
68         max-width: 1200px;
69         margin: 0 auto;
70
71         display: grid;
72         gap: 30px;
73     }
74
75     .content-box {
76         background-color: white;
77         padding: 25px;
78         border-radius: 10px;
79         box-shadow: 0 2px 8px rgba(0, 0, 0, 0.1);
80     }
81
82     header {
83         background-color: #ff6699;
84         color: white;
85         padding: 15px 20px;
86         display: flex;
87         justify-content: space-between;
88         align-items: center;
89         flex-wrap: wrap;
90         box-shadow: 0 4px 6px rgba(0, 0, 0, 0.2);
91     }
92
93     header h1 {
94         margin: 0;
95         font-weight: 800;
96     }
97 }
```

```
98     nav ul {
99         list-style: none;
100        padding: 0;
101        margin: 0;
102        display: flex;
103        gap: 30px;
104    }
105
106    nav a {
107        color: #white;
108        text-decoration: none;
109        font-weight: 700;
110        padding: 8px 12px;
111        border-radius: 5px;
112        transition: background-color 0.3s, color 0.3s;
113        border-bottom: 2px solid transparent;
114    }
115
116    nav a:hover {
117        background-color: #b3cee5;
118        color: #ff6699;
119        text-decoration: none;
120        border-bottom: 2px solid #ff6699;
121    }
122
123    nav a:visited {
124        color: #e9ebf0;
125    }
126
127    nav a:active {
128        background-color: #e00e31;
129    }
130
```

```
131    h2 {
132        color: #ff6699;
133        text-decoration: underline solid 3px #b3cee5;
134        padding-bottom: 5px;
135        margin-top: 0;
136        font-weight: 700;
137    }
138
139    .member-list {
140        list-style: none;
141        padding: 0 0 20px 0;
142        margin-bottom: 20px;
143    }
144
145    .member-list li {
146        padding: 8px 15px;
147        margin-bottom: 5px;
148        background-color: #fce4ec;
149        border-left: 5px solid #ff6699;
150        border-radius: 5px;
151        transition: transform 0.2s;
152    }
153
154    .content-box h3 {
155        color: #2696f9;
156        border-bottom: 1px dashed #8194f1;
157        padding-bottom: 5px;
158        margin-top: 25px;
159    }
160
```

```
161 .video-container {
162   max-width: 800px;
163   margin: 20px auto;
164   overflow: hidden;
165 
166   display: flex;
167   flex-direction: column;
168   align-items: center;
169 }
170 
171 .video-container iframe {
172   width: 100%;
173   max-width: 560px;
174   height: auto;
175   min-height: 300px;
176   display: block;
177   margin: 0 auto;
178 }
179 
180 .video-container figure {
181   margin: 10px 0 0 0;
182   text-align: center;
183 }
184 
185 footer {
186   background-color: #fff6699;
187   color: #ffffff;
188   text-align: center;
189   padding: 15px 0;
190   margin-top: 40px;
191   font-weight: 500;
192 }
```

```
193 header {
194   flex-direction: column;
195   text-align: center;
196 }
197 nav ul {
198   flex-direction: column;
199   width: 80;
200   gap: 5px;
201 }
202 nav a {
203   display: block;
204   text-align: center;
205 }
206 
207 </style>
208 </head>
209 <body>
210 
211 <header class="header">
212 <h1>SAY THE NAME! SEVENTEEN</h1>
213 
214 <nav>
215   <ul>
216     <li><a href="#home">Home</a></li>
217     <li><a href="#units">Units & Members</a></li>
218     <li><a href="#music">Discography</a></li>
219   </ul>
220 </nav>
221 </header>
222
```

```

223 | <main>
224 |   <section id="home" class="content-box">
225 |     <h2>Welcome, Carat!</h2>
226 |     <p>This is the official fan hub for <span class="carat-diamond">SEVENTEEN
227 |       </span>. The 13 members, 3 units, and 1 team shine together!</p>
228 |   </section>
229 |
230 |   <hr>
231 |
232 |   <section id="units" class="content-box">
233 |     <h2>The 13 Members and Sub-Units</h2>
234 |     <p>SEVENTEEN is composed of three sub-units: Hip-Hop, Vocal, and Performance.</p>
235 |
236 |     <h3>Hip-Hop Team (Leaders: S.Coups)</h3>
237 |     <ul class="member-list">
238 |       <li>S.Coups (Leader of Hip-Hop Team and SEVENTEEN)</li>
239 |       <li>Wonwoo</li>
240 |       <li>Mingyu</li>
241 |       <li>Vernon</li>
242 |     </ul>
243 |
244 |     <h3>Vocal Team (Leaders: Woozi)</h3>
245 |     <ul class="member-list">
246 |       <li>Woozi (Leader of Vocal Team)</li>
247 |       <li>Jeonghan</li>
248 |       <li>Joshua</li>
249 |       <li>DK</li>
250 |       <li>Seungkwan</li>
251 |     </ul>
252 |
253 |     <h3>Performance Team (Leaders: Hoshi)</h3>
254 |     <ul class="member-list">
255 |       <li>Hoshi (Leader of Performance Team)</li>
256 |       <li>Jun</li>
257 |       <li>The8</li>
258 |       <li>Dino</li>
259 |     </ul>
260 |   </section>
261 |   <hr>
262 |
263 |   <section id="music" class="content-box">
264 |     <h2>Newest Comeback: "THUNDER"</h2>
265 |
266 |     <video width="560" height="315" controls>
267 |       <source src="C:\Users\ASUS\Documents\DEGREE\SEM 3\WEB DESIGN\LAB 4\SEVENTEEN
268 |         (세븐틴) 'THUNDER' Official MV.mp4" type="video/mp4">
269 |     </video>
270 |     <figure>
271 |       <figcaption>Watch the official music video for "THUNDER."</figcaption>
272 |     </figure>
273 |   </section>
274 |
275 |   <hr>
276 |
277 |   <section id="carat-zone" class="content-box">
278 |     <h2>Join the Official Carat Membership</h2>
279 |
280 |     <form id="contact-form" action="#" method="POST">
281 |       <label for="name">Your Carat Name </label>
282 |       <input type="text" id="name" name="name" required>
283 |       <br><br>
284 |

```

```
285 |         <label for="email">Email:</label>
286 |         <input type="email" id="email" name="email" required>
287 |         <br><br>
288 |         <label>Sub-Unit Preference :</label><br>
289 |         <div class="radio-group">
290 |             <input type="radio" id="vocal" name="unit" value="vocal" required>
291 |             <label for="vocal">Vocal Team</label><br>
292 |             <input type="radio" id="hiphop" name="unit" value="hiphop">
293 |             <label for="hiphop">Hip-Hop Team</label><br>
294 |             <input type="radio" id="performance" name="unit" value="performance">
295 |             <label for="performance">Performance Team</label>
296 |
297 |         </div>
298 |         <br>
299 |         <label>Albums You Own :</label> <br>
300 |         <div class="checkbox-group">
301 |             <input type="checkbox" id="fml" name="album" value="FML">
302 |             <label for="fml">FML</label><br>
303 |             <input type="checkbox" id="love&letter" name="album" value="Love&Letter">
304 |             <label for="love&letter">Love & Letter</label><br>
305 |             <input type="checkbox" id="teenage" name="album" value="TeenAge">
306 |             <label for="teenage">Teen, Age</label><br>
307 |             <input type="checkbox" id="anode" name="album" value="AnOde">
308 |             <label for="anode">An Ode</label><br>
309 |             <input type="checkbox" id="facethesun" name="album" value="FaceTheSun">
310 |             <label for="facethesun">Face the Sun</label><br>
311 |             <input type="checkbox" id="gose" name="album" value="GoingSeventeen">
312 |             <label for="gose">Going Seventeen</label><br>
313 |             <input type="checkbox" id="attacca" name="album" value="Attacca">
314 |             <label for="attacca">Attacca</label><br>
315 |             <input type="checkbox" id="17righthere" name="album" value="17ISRIGHTHERE">
315 |             <label for="17righthere">17 IS RIGHT HERE</label><br>
```

```
316 |             <input type="checkbox" id="hb" name="album" value="HappyBurstday">
317 |             <label for="hb">Happy Burstday</label><br>
318 |         </div>
319 |         <br>
320 |         <button type="submit" class="submit-button">Register as a Carat</button>
321 |     </form>
322 | </section>
323 |
324 </main>
325
326 <footer>
327 |     <p>&copy; 2025 SEVENTEEN & Carat Official Fan Site. | Say The Name!</p>
328 </footer>
329 </body>
330 </html>
```

Output:

SAY THE NAME! SEVENTEEN

Home Units & Members Discography

Welcome, Carat!

This is the official fan hub for **SEVENTEEN**. The 13 members, 3 units, and 1 team shine together!

The 13 Members and Sub-Units

SEVENTEEN is composed of three sub-units: Hip-Hop, Vocal, and Performance.

Hip-Hop Team (Leaders: S.Coups)

- S.Coups (Leader of Hip-Hop Team and SEVENTEEN)
- Wonwoo
- Mingyu
- Vernon

Vocal Team (Leaders: Woozi)

- Woozi (Leader of Vocal Team)
- Jeonghan
- Joshua
- DK
- Seungkwan

Performance Team (Leaders: Hoshi)

- Hoshi (Leader of Performance Team)

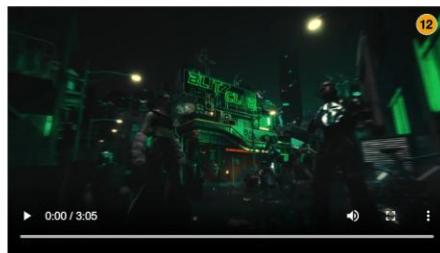
Performance Team (Leaders: Hoshi)

- Hoshi (Leader of Performance Team)
- Jun
- The8
- Dino

Newest Comeback: "THUNDER"



[Newest Comeback: "THUNDER"](#)



Watch the official music video for "THUNDER."

[Join the Official Carat Membership](#)

Your Carat Name

Email:

[Join the Official Carat Membership](#)

Your Carat Name

Email:

Sub-Unit Preference :

- Vocal Team
- Hip-Hop Team
- Performance Team

Albums You Own :

- FML
- Love & Letter
- Teen, Age
- An Ode
- Face the Sun
- Going Seventeen
- Attacca
- 17 IS RIGHT HERE
- Happy Burstday

[Register as a Carat](#)

[Register as a Carat](#)