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1 file: index.html
2
3 <!DOCTYPE html>
4 <html lang="en">
5
6 <head>
7   <meta charset="UTF-8">
8   <meta name="viewport" content="width=device-width, initial-scale=1.0">
9   <meta http-equiv="X-UA-Compatible" content="ie=edge">
10  <link rel="stylesheet" href="style.css" type="text/css" />
11  <link rel="preconnect" href="https://fonts.googleapis.com">
12  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
13  <link href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@300;400&display=swap" rel="stylesheet">
14  <title>Cybersecurity Concepts</title>
15 </head>
16
17 <body>
18   <header>
19     <h1>Cybersecurity Concepts</h1>
20   </header>
21
22   <section class="gallery">
23     <div class="post">
24       <h2>Defense in Depth</h2>
25       </img>
26       <p>A comprehensive strategy of including multiple layers of security
27         within a system so that if one layer fails, another layer of security is already
28         stop the attack/unauthorized access. Examples:</p>
29       <ol>
30         <li>A castle is secured by a moat, a drawbridge, and guards at the gate.</li>
31         <li>Your home computer is secured by locks on the door, an alarm system, and a
32           firewall.</li>
33         <li>Company data is secured by a firewall, passwords, and encryption.</li>
34       </ol>
35     </div> <!-- Close post 1 -->
36
37     <div class="post">
38       <h2>Confidentiality</h2>
39       </img>
40       <p>The property that information is not disclosed to individuals,
41         devices, or processes unless they have been authorized to access the information
42       </p>
43       <ul>
44         <li>Student grades can only be accessed by specific individuals within the
45           organization, such as authorized teachers and the principal.</li>
46         <li>At a hospital, medical information about a patient is protected and only pro
47           to authorized personnel.</li>
48         <li>Salary information is typically only available to authorized personnel with:
49           company, such as the supervisor and human resources.</li>
50       </ul>
51     </div> <!-- Close post 2 -->
52
53     <div class="post">
54       <h2>Integrity</h2>
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54     </img>
55     <p>The property that information, an information system, or a component of a
56         system has not been modified or destroyed in an unauthorized manner.</p>
57     <ul>
58         <li>Student grades are accurate and have not been modified by an unauthorized user.</li>
59         <li>A website is the entity it claims to be.</li>
60         <li>A computer system is virus-free and uncompromised.</li>
61     </ul>
62 </div> <!-- Close post 3 -->
63
64 <div class="post">
65     <h2>Availability</h2>
66     </img>
67     <p>The property that information or information systems are accessible
68         and usable upon demand.
69     </p>
70     <ul>
71         <li>A student's grades can be viewed by the student and principal and modified by the
72             teacher. </li>
73         <li>A website for a store allows orders to be placed and viewed.</li>
74         <li>A banking system is appropriately accessible by both customers and banking
75             employees.</li>
76         <li>A Denial-of-Service attack can result in a system being unavailable and inaccessi
77     </ul>
78 </div> <!-- Close post 4 -->
79
80 <div class="post">
81     <h2>Think Like an Adversary</h2>
82     </img>
83     <p>The strategy of putting yourself inside the mindset of a potential attacker that
84     <ul>
85         <li>In order to best protect a student's data, it is useful to think of potential
86             adversaries and their motivations, such as a student wishing harm on another
87             student seeking to modify his own data, and consider possible strategies - like
88             access, etc. and build your security strategy accordingly.</li>
89         <li>Discussions on ethics of a cybersecurity professional must correlate with an
90             activity in which adversarial thinking is being modeled.</li>
91     </ul>
92 </div> <!-- Close post 5 -->
93
94 <div class="post">
95     <h2>Keep It Simple</h2>
96     </img>
97     <p>The strategy of designing information and security systems to be
98         configured and operated as simply as possible; all systems perform best when they
99     </p>
100     <ul>
101         <li>A complex alarm system can have many points of failure, including the hardware
102             and the software.</li>
103         <li>A complex computer system has many points of access and may be difficult to
104             secure. A simple solution is often the best strategy.</li>
105         <li>Company data is secured by a firewall, passwords, and encryption.</li>
106     </ul>
107 </div> <!-- Close post 6 -->
108 </section> <!-- Close gallery class -->
109

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110     <footer>
111         <div class="source">
112             <cite>Content by:</cite>
113             <p><a href="https://www.gen-cyber.com">GenCyber Academy</a></p>
114         </div>
115         <br />
116         <div class="source">
117             <cite>Mobile Phone:</cite>
118             <p>Image by <a href="https://pixabay.com/users/funkyfocus-3900817/?utm_source=link-;
119                 from <a href="https://pixabay.com//?utm_source=link-attribution&utm_medium=
120         </div>
121         <br />
122         <div class="source">
123             <cite>Stamp:</cite>
124             <p>Image by <a href="https://pixabay.com/users/tayebmezahdia-4194100/?utm_source=li
125         </div>
126         <br />
127         <div class="source">
128             <cite>Digitization:</cite>
129             <p>Image by <a href="https://pixabay.com/users/geralt-9301/?utm_source=link-attribui
130         </div>
131         <br />
132         <div class="source">
133             <cite>Computer:</cite>
134             <p>Image by <a href="https://pixabay.com/users/geralt-9301/?utm_source=link-attribui
135         </div>
136         <br />
137         <div class="source">
138             <cite>Hacker:</cite>
139             <p>Image by <a href="https://pixabay.com/users/geralt-9301/?utm_source=link-attribui
140         </div>
141         <br />
142         <div class="source">
143             <cite>Lock:</cite>
144             <p>Image by <a href="https://pixabay.com/users/janbaby-3005373/?utm_source=link-atti
145         </div>
146     </footer>
147
148 </body>
149
150 </html>
151
152 file: style.css
153
154 /* Color Palette:
155 primary: #FFFBEB
156 secondary: #495579
157 tertiary: #263159
158 acent: #251749
159 */
160
161 html {
162     margin: 0;
163     padding: 0;
164     box-sizing: border-box;
165 }

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166
167 body {
168     background-color: #251749;
169     font-family: 'Open Sans', sans-serif;
170 }
171
172 header {
173     background-color: #495579;
174     color: #FFF;
175     padding: 1.5rem;
176     margin: 1.2rem;
177 }
178
179 footer {
180     background-color: #FFFBEB;
181     margin: 1.2rem;
182     padding: 1.5rem;
183     font-size: 0.5rem;
184 }
185
186 h1,
187 h2 {
188     text-align: center;
189 }
190
191 img {
192     max-width: 100%;
193     height: auto;
194     border-radius: 2rem;
195 }
196
197 li {
198     padding: 0.2rem;
199 }
200
201 .post {
202     background-color: #FFFBEB;
203     margin: 1.2rem;
204     padding: 1.5rem;
205     line-height: 2rem;
206 }
207
208 .post p {
209     text-indent: 1.2rem;
210 }
211
212 .source {
213     letter-spacing: 0.5px;
214 }
215
216 .source a {
217     text-decoration: none;
218     color: #495579;
219 }
220
221
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222 | @media (min-width: 800px) {  
223 |     .gallery {  
224 |         display: flex;  
225 |         flex-wrap: wrap;  
226 |         justify-content: space-around;  
227 |     }  
228 |  
229 |     .post {  
230 |         width: 25%;  
231 |         font-size: 1.1rem;  
232 |     }  
233 |  
234 |     footer {  
235 |         display: flex;  
236 |         justify-content: space-around;  
237 |         align-items: center;  
238 |         font-size: 0.7rem;  
239 |     }  
240 | }
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