

Cyber Security

CSF 2023 Midterm

```
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=
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         <!-- Open gallery class -->
24         <div class="post">
25             <!--Open post 1 -->
26             <h2>Defense in Depth</h2>
27             </img>
28             <p>A comprehensive strategy of including multiple layers of security within a system s
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 fir
32                 <li>Company data is secured by a firewall, passwords, and encryption.</li>
33             </ol>
34         </div>
35         <!--Close post 1 -->
36
37         <div class="post">
38             <!--Open post 2 -->
39             <h2>Confidentiality</h2>
40             </img>
41             <p>The property that information is not disclosed to individuals, devices, or processe
42             <ul>
43                 <li>Student grades can only be accessed by specific individuals within the organiz
44                 <li>At a hospital, medical information about a patient is protected and only provi
45                 <li>Salary information is typically only available to authorized personnel within
46             </ul>
47         </div>
48         <!--Close post 2 -->
49
50         <div class="post">
51             <!--Open post 3 -->
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52     <h2>Integrity</h2>
53     </img>
54     <p>The property that information, an information system, or a component of a system ha
55     <ul>
56         <li>Student grades are accurate and have not been modified by an unauthorized user
57         <li>A website is the entity it claims to be.</li>
58         <li>A computer system is virus-free and uncompromised.</li>
59     </ul>
60 </div>
61 <!--Close post 3 -->
62
63 <div class="post">
64     <!--Open post 4 -->
65     <h2>Availability</h2>
66     </img>
67     <p>The property that information or information systems are accessible and usable upon
68     <ul>
69         <li>A student's grades can be viewed by the student and principal and modified by
70         <li>A website for a store allows orders to be placed and viewed.</li>
71         <li>A banking system is appropriately accessible by both customers and bankingempl
72         <li>A Denial-of-Service attack can result in a system being unavailable and inacce
73     </ul>
74 </div>
75 <!--Close post 4 -->
76
77 <div class="post">
78     <!--Open post 5 -->
79     <h2>Think Like an Adversary</h2>
80     </img>
81     <p>The strategy of putting yourself inside the mindset of a potential attacker that al
82     <ul>
83         <li>In order to best protect a student's data, it is useful to think of potential
84         <li>Discussions on ethics of a cybersecurity professional must correlate with any
85     </ul>
86 </div>
87 <!--Close post 5 -->
88
89 <div class="post">
90     <!--Open post 6 -->
91     <h2>Keep It Simple</h2>
92     </img>
93     <p>The strategy of designing information and security systems to be configured and ope
94     <ul>
95         <li>A complex alarm system can have many points of failure, including the hardware
96         <li>A complex computer system has many points of access and may be difficult to se
97     </ul>
98 </div>
99 <!--Close post 6 -->
100
101 </section>
102 <!--Close gallery class -->
103
104 <footer>
105     <div class="source">
106         <cite>Content by:</cite>
107         <p><a href="https://www.gen-cyber.com">GenCyber Academy</a></p>

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108     </div>
109     <br>
110     <div class="source">
111         <cite>Mobile Phone</cite>
112         <p>Image by <a href="https://pixabay.com/users/funkyfocus-3900817/?utm_source=link-att
113     </div>
114     <br>
115     <div class="source">
116         <cite>Stamp</cite>
117         <p>Image by <a href="https://pixabay.com/users/tayebmezahdia-4194100/?utm_source=link-
118     </div>
119     <br>
120     <div class="source">
121         <cite>Digitization</cite>
122         <p>Image by <a href="https://pixabay.com/users/geralt-9301/?utm_source=link-attributio
123     </div>
124     <br>
125     <div class="source">
126         <cite>Availability</cite>
127         <p>Image by <a href="https://pixabay.com/users/geralt-9301/?utm_source=link-attributio
128     </div>
129     <br>
130     <div class="source">
131         <cite>Think Like an Adversary</cite>
132         <p>Image by <a href="https://pixabay.com/users/geralt-9301/?utm_source=link-attributio
133     </div>
134     <br>
135     <div class="source">
136         <cite>Keep It Simple</cite>
137         <p>Image by <a href="https://pixabay.com/users/janbaby-3005373/?utm_source=link-attrib
138     </div>
139     </footer>
140
141 </body>
142
143 </html>
144
145
146 File: style.css
147
148 /* Color Palette:
149 primary: #FFFBEB
150 secondary: #495579
151 tertiary: #263159
152 accent: #251749
153 */
154
155 html {
156     margin: 0;
157     padding: 0;
158     box-sizing: border-box;
159 }
160
161 body {
162     background-color: #251749;
163     font-family: 'Open Sans', sans-serif;
```

```
164 }
165
166 header {
167     background-color: #495579;
168     color: #fff;
169     padding: 1.5rem;
170     margin: 1.2rem;
171 }
172
173 footer {
174     background-color: #FFFBEB;
175     margin: 1.2rem;
176     padding: 1.5rem;
177     font-size: 0.55rem;
178 }
179
180 h1,
181 h2 {
182     text-align: center;
183 }
184
185 img {
186     max-width: 100%;
187     height: auto;
188     border-radius: 2rem;
189 }
190
191 li {
192     padding: 0.2rem;
193 }
194
195 .post {
196     background-color: #FFFBEB;
197     margin: 1.2rem;
198     padding: 1.5rem;
199     line-height: 2rem;
200 }
201
202 .post p {
203     text-indent: 1.2rem;
204 }
205
206 .source {
207     letter-spacing: 1px;
208 }
209
210 .source a {
211     text-decoration: none;
212     color: #495579;
213 }
214
215
216 @media (min-width: 800px) {
217     .gallery {
218         display: flex;
219         flex-wrap: wrap;
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220     justify-content: space-around;
221   }
222
223   .post {
224     width: 25%;
225     font-size: 1.1rem;
226   }
227
228   footer {
229     display: flex;
230     justify-content: space-around;
231     align-items: center;
232     font-size: 0.7rem;
233   }
234 }
```

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