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Link to my website - <http://48.217.48.202/>

Github link <https://github.com/khakaz>

## SecureMe Cybersecurity Website - Documentation

### 1. Introduction

SecureMe is a beginner-friendly cybersecurity educational website built with HTML, CSS, and JavaScript. It features interactive tools and educational resources aimed at raising awareness about online security. This documentation describes the structure, design, features, and functionality of the website from development to completion.

### 2. Website Structure

The SecureMe website contains the following pages:

- Welcome Page
- Password Generator
- Cybersecurity Quiz
- Cybersecurity Fundamentals
- Real-life Cyberattack Cases

### 3. Page Descriptions and Features

#### 3.1 Welcome Page

The welcome page introduces the SecureMe project. It includes an overview of the site's goals and a summary of its main features, along with relevant cybersecurity imagery to engage visitors.

```
46     }
47     .container img {
48       width: 100px;
49       border-radius: 10px;
50       margin-bottom: 20px;
51   }
52   ul li {
53     margin-bottom: 10px;
54   }
55   </style>
56   </head>
57   <body>
58     <nav>
59       <a href="index.html">Welcome</a>
60       <a href="password-checker.html">Password Checker</a>
61       <a href="quiz.html">Quiz</a>
62       <a href="fundamentals.html">Fundamentals</a>
63       <a href="real-cases.html">Real-life Cases</a>
64     </nav>
65
66     <h1>Welcome to SecureMe</h1>
67     <div class="container">
68       
69       <p>SecureMe is an educational project to help you understand the essentials of cybersecurity. In this website, you will find:</p>
70       <ul>
71         <li>A password strength checker</li>
72         <li>A quiz to test your cybersecurity knowledge</li>
73         <li>Fundamental cybersecurity concepts</li>
74         <li>Real-life examples of cyber attacks</li>
75       </ul>
76     </div>
77
78   <script src="footer.js"></script>
79
80   </body>
81   </html>
82
```

```

◇ index.html > ...
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>SecureMe - Welcome</title>
7    <link href="https://fonts.googleapis.com/css2?family=Orbitron:wght@500&display=swap" rel="stylesheet">
8    <style>
9      body {
10        margin: 0;
11        font-family: 'Orbitron', sans-serif;
12        background: linear-gradient(to right, □#0f2027, □#203a43, □#2c5364);
13        color: ■#ffffff;
14      }
15      nav {
16        display: flex;
17        justify-content: center;
18        gap: 20px;
19        background-color: □rgba(0, 0, 0, 0.8);
20        padding: 15px;
21        box-shadow: 0 4px 6px □rgba(0,0,0,0.3);
22        position: sticky;
23        top: 0;
24      }
25      nav a {
26        color: ■#00ffe7;
27        text-decoration: none;
28        font-weight: bold;
29        transition: color 0.3s ease;
30      }
31      nav a:hover {
32        color: ■#fffffe;
33      }
34      h1 {
35        text-align: center;
36        font-size: 3em;
37        margin-top: 30px;
38      }
39      .container {
40        max-width: 800px;
41        margin: 30px auto;
42        padding: 20px;
43        background-color: □rgba(255, 255, 255, 0.05);
44        border-radius: 15px;
45        box-shadow: 0 8px 16px □rgba(0,0,0,0.4);
46      }

```

### 3.2 Password Generator

This page features a strong password generator implemented in JavaScript. The user can click a button to generate a secure, random password. Below the tool, tips and best practices for creating strong passwords are displayed.

```

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>Password Checker - SecureMe</title>
7    <link href="https://fonts.googleapis.com/css2?family=Orbitron:wght@500&display=swap" rel="stylesheet">
8    <style>
9      body {
10        margin: 0;
11        font-family: 'Orbitron', sans-serif;
12        background: linear-gradient(to right, □#0f2027, □#203a43, □#2c5364);
13        color: ■#ffffff;
14      }
15      nav {
16        display: flex;
17        justify-content: center;
18        gap: 20px;
19        background-color: □rgba(0, 0, 0, 0.8);
20        padding: 15px;
21        box-shadow: 0 4px 6px □rgba(0,0,0,0.3);
22        position: sticky;
23        top: 0;
24      }
25      nav a {
26        color: ■#00ffe7;
27        text-decoration: none;
28        font-weight: bold;
29        transition: color 0.3s ease;
30      }
31      nav a:hover {
32        color: ■#fffffe;
33      }
34      .container {
35        max-width: 800px;
36        margin: 40px auto;
37        padding: 30px;
38        background-color: □rgba(255, 255, 255, 0.05);
39        border-radius: 15px;
40        box-shadow: 0 8px 16px □rgba(0,0,0,0.4);
41      }
42      input[type="text"] {
43        width: 100%;
44        padding: 10px;
45        font-size: 16px;
46        border: none;

```

```
47 border-radius: 8px;
48 margin-top: 10px;
49 }
50 button {
51 margin-top: 15px;
52 padding: 10px 20px;
53 font-size: 16px;
54 background-color: #e0effe;
55 color: #000000;
56 border: none;
57 border-radius: 8px;
58 cursor: pointer;
59 transition: background-color 0.3s ease;
60 }
61 button:hover {
62 background-color: #e0bfa5;
63 }
64 #passwordStrength {
65 height: 10px;
66 width: 100px;
67 margin-top: 10px;
68 background: #d3d3d3;
69 border-radius: 5px;
70 overflow: hidden;
71 }
72 #passwordBar {
73 height: 10px;
74 width: 0px;
75 transition: width 0.4s ease;
76 }
77 </style>
78 <head>
79 <body>
80 <nav>
81 <a href="html.html">Welcome</a>
82 <a href="passwordchecker.html">Password Checker</a>
83 <a href="quiz.html">Quiz</a>
84 <a href="fundamentals.html">Fundamentals</a>
85 <a href="realLifeCases.html">Real-Life Cases</a>
86 </nav>
```

```
1<div class="container">
2  <h2>Password Strength Checker</h2>
3  <div>
4    <input type="text" id="passwordInput" placeholder="Enter your password">
5    <div id="passwordStrength">
6      <div id="passwordBar" style="width: 0%; height: 10px; background-color: #ccc; border-radius: 5px; position: relative; overflow: hidden; margin-bottom: 5px;">
7        <div style="width: 0%; height: 10px; background-color: #007bff; border-radius: 5px; position: absolute; left: 0; top: 0; transition: width 0.3s ease; "></div>
8      <div style="font-size: 10px; color: #007bff; font-weight: bold; margin-top: -10px; position: absolute; left: 50%; top: 50%; transform: translate(-50%, -50%);">Strength</div>
9    </div>
10   <p>#id="passwordResult"></p>
11   <button onclick="checkPassword()>Check</button>
12 </div>
13 <h3>Why Passwords Matter</h3>
14 <p>Passwords protect your personal information. Weak passwords can be easily guessed or cracked, putting your data at risk.</p>
15 <h3>Tips for Strong Passwords</h3>
16 <ul style="list-style-type: none; padding-left: 0;">
17   <li>1-Use at least 12 characters</li>
18   <li>2-Include upper/lower case letters, numbers, and symbols</li>
19   <li>3-Avoid using common words or personal info</li>
20 </ul>
21 </div>
22 </div>
23 </div>
24 </div>
25 <script>
26   function checkPassword() {
27     const pw = document.getElementById('passwordInput').value;
28     const result = document.getElementById('passwordResult');
29     const bar = document.getElementById('passwordBar');
30
31     let strength = 0;
32     if (pw.length >= 8) strength++;
33     if ((pw.length-1).test(pw)) strength++;
34     if (pw.test(/\d+/)) strength++;
35     if (pw.test(/\w{1,}/)) strength++;
36     if ((/^(?A-Z){3,}(?a-z){3,})/.test(pw)) strength++;
37
38     let label = "Weak";
39     let color = "#red";
40     let width = "20%";
41
42     if (strength >= 4 && pw.length >= 12) {
43       label = "Strong";
44       color = "#007bff";
45       width = "100%";
46     } else if (strength >= 3) {
47       label = "Moderate";
48       color = "#orange";
49     }
50   }
51 </script>
```

```
132     width = "600";
133   }
134 
135   bar.style.backgroundColor = color;
136   bar.style.width = width;
137   result.innerText = "Password Strength: " + label;
138 }
139 
140 </script>
141 
142 <h2> Secure Password Generator </h2>
143 Click the button below to generate a strong password:</p>
144 
145 <div style="margin-bottom: 20px;">
146   <input type="text" id="generatedPassword" readonly style="width: 100%; padding: 10px; font-size: 16px; border-radius: 8px;">
147   <span style="font-size: 16px; margin-left: 10px; color: #00ff00; border: 1px solid black; padding: 0 5px; border-radius: 50%;">Copied</span>
148 </div>
149 <button onclick="generatePassword()" style="padding: 10px 20px; font-size: 16px; cursor: pointer; background-color: #00ff00; border: 1px solid black; border-radius: 8px; color: white; margin-top: 30px;">Strong-Why strong passwords matter!</button>
150 </div>
151 
152 <ul style="list-style-type: none; padding-left: 0; margin: 0; margin-top: 20px;">
153   <li>They protect you from brute-force attacks.</li>
154   <li>They reduce the risk of identity theft.</li>
155   <li>They make your online accounts more secure.</li>
156 </ul>
157 
158 <strong>Tip:</strong> Use long passwords with a mix of uppercase, lowercase, numbers, and symbols. Avoid dictionary words or personal information.
```

### 3.3 Cybersecurity Quiz

This interactive quiz page contains 10 multiple choice questions covering cybersecurity fundamentals. It dynamically checks answers and displays the final score after submission.

```
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     <meta name="securityQuiz" content="width=device-width, initial-scale=1.0">
7     <meta name="title" content="Cybersecurity Quiz - SecureMe Title">
8     <link href="https://fonts.googleapis.com/css2?family=Orbitron:wght@500&display=swap" rel="stylesheet">
9     <style>
10    body {
11      margin: 0;
12      font-family: 'Orbitron', sans-serif;
13      background-color: linear-gradient(to right, #00f2e2, #283a31, #2c32d4);
14      color: #fff;
15    }
16    nav {
17      display: flex;
18      justify-content: center;
19      gap: 20px;
20      background-color: #fff;
21      padding: 15px;
22      box-shadow: 0 4px 6px rgba(0,0,0,0.3);
23      position: sticky;
24      top: 0;
25    }
26    nav a {
27      color: #00ffcc;
28      text-decoration: none;
29      font-weight: bold;
30      transition: color 0.3s ease;
31    }
32    nav a:hover {
33      color: #fff;
34    }
35    .container {
36      max-width: 800px;
37      margin: 30px auto;
38      padding: 20px;
39      background-color: #fff;
40      border-radius: 15px;
41      border: 2px solid #00ffcc;
42      box-shadow: 0 8px 16px rgba(0,0,0,0.4);
43    }
44    .quiz-container {
45      display: flex;
46      flex-direction: column;
47    }
48    .question {
49      margin-bottom: 20px;
50    }
51    button {
52      margin-top: 20px;
53      padding: 10px 20px;
54      font-size: 14px;
55      background-color: #00ffcc;
56      color: #fff;
57      border: none;
58      border-radius: 8px;
59      cursor: pointer;
60      transition: background-color 0.3s ease;
61    }
62    button:hover {
63      background-color: #00bfa5;
64    }
65    #quizResult {
66      margin-top: 20px;
67      font-size: 1.2em;
68    }
69  </style>
70 </head>
71 <body>
72   <nav>
73     <a href="index.html">Welcome</a>
74     <a href="passwordreset.html">Password Checker</a>
75     <a href="vulnerabilities.html">Vulnerabilities</a>
76     <a href="fundamentals.html">Fundamentals</a>
77     <a href="realifeexamples.html">Real-life Cases</a>
78   </nav>
79   <div class="container">
80     <h2>Cybersecurity Quiz</h2>
81     <form name="quizForm" class="quiz-container">
82       <div class="question">
83         <p>Q1. What does "phishing" refer to?</p>
84         <input type="radio" name="q1" value="a"> Sending spam messages<br>
85         <input type="radio" name="q1" value="b"> Fraudulent attempts to get sensitive info<br>
86         <input type="radio" name="q1" value="c"> Fishing with tech devices<br>
87       </div>
88       <div class="question">
89         <p>Q2. Which is a strong password?</p>
90       </div>
91       <div class="question">
92         <input type="radio" name="q2" value="a"> password123<br>
93         <input type="radio" name="q2" value="b"> 123456-01<br>
94         <input type="radio" name="q2" value="c"> Lg7rnfZg8g0n<br>
95       </div>
96       <div class="question">
97         <p>Q3. What is a VPN?</p>
98         <input type="radio" name="q3" value="a"> Virtual Private Network<br>
99         <input type="radio" name="q3" value="b"> Very Private Network<br>
100        <input type="radio" name="q3" value="c"> Verified Private Network<br>
101      </div>
102      <div class="question">
103        <p>Q4. What is two-factor authentication?</p>
104        <input type="radio" name="q4" value="a"> A backup password<br>
105        <input type="radio" name="q4" value="b"> A second layer of security using something you know and something you have<br>
106        <input type="radio" name="q4" value="c"> A new way to log in<br>
107      </div>
108      <div class="question">
109        <p>Q5. Which of these is a type of malware?</p>
110        <input type="radio" name="q5" value="a"> Adware<br>
111        <input type="radio" name="q5" value="b"> Windows<br>
112        <input type="radio" name="q5" value="c"> Ransomware<br>
113      </div>
114      <div class="question">
115        <p>Q6. What does HTTPS stand for?</p>
116        <input type="radio" name="q6" value="a"> Hyper Text Transfer Protocol Secure<br>
117        <input type="radio" name="q6" value="b"> Hyper Text Transmission Protocol Secure<br>
118        <input type="radio" name="q6" value="c"> Highly Technical Transfer Protocol<br>
119      </div>
120      <div class="question">
121        <p>Q7. What is a DoS attack?</p>
122        <input type="radio" name="q7" value="a"> Denial of Data Services<br>
123        <input type="radio" name="q7" value="b"> Distributed Denial of Service<br>
124        <input type="radio" name="q7" value="c"> Denial of Service<br>
125      </div>
126      <div class="question">
127        <p>Q8. Which of these is a security risk of using public Wi-Fi?</p>
128        <input type="radio" name="q8" value="a"> Malware infections<br>
129        <input type="radio" name="q8" value="b"> Encryption of passwords<br>
130        <input type="radio" name="q8" value="c"> Faster connection speeds<br>
131      </div>
132    </form>
133  </div>
```

```

130     <p>9. What is a firewall?</p>
131     <input type="radio" name="q9" value="a"> A hardware device that blocks unauthorized access<br>
132     <input type="radio" name="q9" value="b"> A device that monitors network traffic<br>
133     <input type="radio" name="q9" value="c"> A software to improve connection speed<br>
134   </div>
135   <div class="question">
136     <p>10. What is encryption used for?</p>
137     <input type="radio" name="q10" value="a"> To compress data<br>
138     <input type="radio" name="q10" value="b"> To secure data from unauthorized access<br>
139     <input type="radio" name="q10" value="c"> To track data<br>
140   </div>
141   <button type="button" onclick="checkQuiz()>Submit</button>
142   <p id="quizResult"></p>
143 </form>
144 </div>
145
146 <script>
147   function checkQuiz() {
148     const form = document.forms['quizForm'];
149     let score = 0;
150     const total = 10;
151
152     if (form['q1'].value === 'b') score++;
153     if (form['q2'].value === 'c') score++;
154     if (form['q3'].value === 'a') score++;
155     if (form['q4'].value === 'b') score++;
156     if (form['q5'].value === 'a') score++;
157     if (form['q6'].value === 'a') score++;
158     if (form['q7'].value === 'b') score++;
159     if (form['q8'].value === 'b') score++;
160     if (form['q9'].value === 'a') score++;
161     if (form['q10'].value === 'b') score++;
162
163     document.getElementById('quizResult').innerText = `You scored ${score}/${total}.`;
164   }
165 </script>
166
167 <script src="footer.js"></script>
168
169 </body>
170 </html>

```

### 3.4 Cybersecurity Fundamentals

An informative page outlining key cybersecurity principles with supporting images. Topics include safe browsing, strong passwords, phishing awareness, and general best practices.

```

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>Cybersecurity Fundamentals - SecureMe</title>
7     <link href="https://fonts.googleapis.com/css2?family=Orbitron:wght@500&display=swap" rel="stylesheet">
8   <style>
9     body {
10       margin: 0;
11       font-family: 'Orbitron', sans-serif;
12       background: linear-gradient(to right, #00f2ff, #00334d, #2c53e4);
13       color: #fff;
14     }
15     nav {
16       display: flex;
17       justify-content: center;
18       gap: 20px;
19       background-color: #00f2ff;
20       padding: 15px;
21       box-shadow: 0 4px 6px #00f2ff;
22       position: sticky;
23       top: 0;
24     }
25     nav a {
26       color: #fff;
27       text-decoration: none;
28       font-weight: bold;
29       transition: color 0.3s ease;
30     }
31     nav a:hover {
32       color: #00f2ff;
33     }
34     .container {
35       max-width: 880px;
36       margin: 0px auto;
37       padding: 20px;
38       background-color: #00f2ff;
39       border-radius: 15px;
40       box-shadow: 0 8px 16px #00f2ff;
41     }
42     h2 {
43       text-align: center;
44     }
45     .fundamental {
46       margin-bottom: 30px;
47     }
48     .fundamental img {
49       max-width: 100%;
50       border-radius: 15px;
51     }
52     .fundamental h3 {
53       font-size: 24px;
54       margin-top: 20px;
55     }
56     .fundamental p {
57       font-size: 18px;
58       line-height: 1.6;
59     }
60     .highlight {
61       color: #00ffe7;
62       font-weight: bold;
63     }
64   </style>
65   <body>
66   <nav>
67     <a href="index.html">Welcome</a>
68     <a href="passwordchecker.html">Password Checker</a>
69     <a href="quiz.html">Quiz</a>
70     <a href="fundamentals.html">Fundamentals</a>
71     <a href="realifeexamples.html">Real-life Cases</a>
72   </nav>
73
74   <div class="container">
75     <h2>Cybersecurity Fundamentals</h2>
76
77     <div class="fundamental">
78       
79       <h3>What is Cybersecurity?</h3>
80       <p>Cybersecurity refers to the practices, processes, and technologies designed to protect systems, networks, and data from cyber attacks.</p>
81
82     </div>
83
84     <div class="fundamental">
85       
86       <h3>Password Protection</h3>
87       <p>One of the most fundamental aspects of cybersecurity is <span class="highlight">password security</span>. Strong, unique pass
88   </div>

```

```

89 <div class="fundamental">
90   
91   <h3>Firewalls</h3>
92   <p><span class="highlight">firewall</span> is a network security system designed to monitor and control incoming and outgoing traffic on a computer network.</p>
93 </div>
94
95 <div class="fundamental">
96   
97   <h3>Antivirus Software</h3>
98   <p><span class="highlight">Antivirus software</span> is essential for protecting your computer and other devices from malware, i.e., viruses, worms, and other malicious software.</p>
99 </div>
100
101 <div class="fundamental">
102   
103   <h3>Encryption</h3>
104   <p><span class="highlight">Encryption</span> is the process of converting data into a secure format that can only be read or decrypted by those with the proper key.</p>
105 </div>
106
107 </div>
108
109 <script src="footer.js"></script>
110
111 </body>
112 </html>
113

```

### 3.5 Real-Life Cyberattack Cases

This section details notable real-world cyberattack incidents to educate users on the consequences of security lapses. Each case includes background information, what happened, and lessons learned.

```

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>Real-life Cybersecurity Cases - SecureMe</title>
7      <link href="https://fonts.googleapis.com/css2?family=Orbitron:wght@500&display=swap" rel="stylesheet">
8      <style>
9        body {
10          margin: 0;
11          font-family: 'Orbitron', sans-serif;
12          background: linear-gradient(to right, #0f207, #203a43, #2c5364);
13          color: #ffffff;
14        }
15        nav {
16          display: flex;
17          justify-content: center;
18          gap: 20px;
19          background-color: #rgba(0, 0, 0, 0.8);
20          padding: 15px;
21          box-shadow: 0 4px 6px #rgba(0,0,0,0.3);
22          position: sticky;
23          top: 0;
24        }
25        nav a {
26          color: #00ffe7;
27          text-decoration: none;
28          font-weight: bold;
29          transition: color 0.3s ease;
30        }
31        nav a:hover {
32          color: #ffffff;
33        }
34        .container {
35          max-width: 900px;
36          margin: 30px auto;
37          padding: 20px;
38          background-color: #rgba(255, 255, 255, 0.05);
39          border-radius: 15px;
40          box-shadow: 0 8px 16px #rgba(0,0,0,0.4);
41        }
42        h2 {
43          text-align: center;
44          margin-bottom: 30px;
45        }
46        .case {

```

```

47     margin-bottom: 40px;
48   }
49   .case img {
50     max-width: 100%;
51     border-radius: 10px;
52     margin: 15px 0;
53   }
54   .case h3 {
55     font-size: 22px;
56     color: #00ffe7;
57   }
58   .case p {
59     font-size: 17px;
60     line-height: 1.6;
61   }
62 </style>
63 </head>
64 <body>
65   <nav>
66     <a href="index.html">Welcome</a>
67     <a href="passwordchecker.html">Password Checker</a>
68     <a href="quiz.html">Quiz</a>
69     <a href="fundamentals.html">Fundamentals</a>
70     <a href="realifeexamples.html">Real-life Examples</a>
71   </nav>
72
73 >   <div class="container">...
106   </div>
107
108   <script src="footer.js"></script>
109
110 </body>
111 </html>
112

```

## 4. JavaScript Features

Several JavaScript files were created to handle dynamic features of the website, including:

- Password generation
- Quiz logic and scoring
- Modal pop-up for MIT License
- Page interactivity and event handling

This code for generating password:

```

JS passwordchecker.js > ⌂ generatePassword
1  function generatePassword() {
2    const length = 16;
3    const charset = "abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789!@#$%^&*()_+{};:,.<>?";
4    let password = "";
5
6    for (let i = 0; i < length; i++) {
7      const randomIndex = Math.floor(Math.random() * charset.length);
8      password += charset[randomIndex];
9    }
10
11   document.getElementById("generatedPassword").value = password;
12 }
13

```

## This code for illustrating MIT license after clicking on it:

```
1  v document.write(`  
2      <footer style="text-align: center; padding: 20px; color: #aaa; font-size: 14px;">  
3          &copy; 2025 SecureMe. Licensed under the  
4          <a href="#" onclick="openLicense()" style="color: #00ffe7; text-decoration: none;">MIT License</a>  
5      </footer>  
6  
7      <div id="licenseModal" style="display:none; position:fixed; top:0; left:0; width:100%; height:100%; background-color:rgba(0,0,0,0.5); z-index: 1000;>  
8          <div style="background-color:#fff; color:#000; margin:5% auto; padding:20px; width:80%; max-width:600px; border-radius:10px; overflow: hidden;>  
9              <h3>MIT License</h3>  
10             <pre style="white-space: pre-wrap; font-size: 14px;">  
11                 MIT License  
12  
13                 Copyright (c) 2025 Abduaiz Khakimov  
14  
15                 Permission is hereby granted, free of charge, to any person obtaining a copy  
16                 of this software and associated documentation files (the "Software"), to deal  
17                 in the Software without restriction, including without limitation the rights  
18                 to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
19                 copies of the Software, and to permit persons to whom the Software is  
20                 furnished to do so, subject to the following conditions:  
21  
22                 The above copyright notice and this permission notice shall be included in  
23                 all copies or substantial portions of the Software.  
24  
25                 THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR  
26                 IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
27                 FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE  
28                 AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
29                 LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,  
30                 OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
31                 THE SOFTWARE.  
32                 </pre>  
33                 <button onclick="closeLicense()" style="margin-top: 15px; padding: 10px 15px; background-color: #00ffe7; border: none; border-radius: 5px; color: white; font-weight: bold;">Close</button>  
34             </div>  
35         </div>  
36     `);  
37  
38     <function openLicense() {  
39         document.getElementById("licenseModal").style.display = "block";  
40     }  
41  
42     <function closeLicense() {  
43         document.getElementById("licenseModal").style.display = "none";  
44     }  
45 
```

## 5. Development Process

The site was built incrementally with a focus on user interaction and beginner accessibility. Starting from static HTML, it was enhanced with JavaScript for interactivity, styled for better aesthetics, and documented thoroughly to meet educational goals.

## 6. Uploading website to the server

I deleted my old project proposal with commands:

**sshusername@serverip**

**Cd /path/to/my/website**

**Rm -rf \***

**Then**

**I uploaded my new website to the server with command**

```
adminaziz@qwerty:~$ scp -r /Users/abduaziz/Desktop/final
usage: scp [-346ABCOpqRrsTv] [-c cipher] [-D sftp_server_path] [-F ssh_config]
           [-i identity_file] [-J destination] [-l limit] [-o ssh_option]
           [-P port] [-S program] [-X sftp_option] source ... target
adminaziz@qwerty:~$ exit
logout
Connection to 48.217.48.202 closed.
abduaziz@MacBook-Pro-Abduaziz ~ % scp -r ~/Desktop/final adminaziz@48.217.48.202:/var/www/html

adminaziz@48.217.48.202's password:
passwordchecker.js                      100%   396     2.0KB/s  00:00
index.html                                100%  2111    10.4KB/s  00:00
.DS_Store                                 100%  8196    41.0KB/s  00:00
fundamentals.html                         100%  4143    20.6KB/s  00:00
reallife1.jpeg                            100%  8558    42.5KB/s  00:00
quiz.html                                  100%  6125    30.2KB/s  00:00
fundamentals2.jpg                          100%   79KB  197.3KB/s  00:00
reallife2.jpeg                            100%  7842    39.0KB/s  00:00
fundamentals3.jpg                          100%  169KB  407.0KB/s  00:00
fundamentals1.jpg                          100%  152KB  726.6KB/s  00:00
fundamentals4.png                          100%  870KB  1.7MB/s  00:00
fundamentals5.png                          100%  930KB  1.9MB/s  00:00
reallife3.jpeg                            100%  9363    46.8KB/s  00:00
LICENSE.docx                               100%  179KB  821.5KB/s  00:00
reallife4.jpeg                            100%  9341    46.6KB/s  00:00
Secureme.png                               100%  1763KB  2.1MB/s  00:00
reallife5.jpeg                            100%  9331    45.9KB/s  00:00
reallifecases.html                        100%  4064    20.3KB/s  00:00
footer.js                                  100%  2287    11.2KB/s  00:00
passwordchecker.html                      100%  4707    23.0KB/s  00:00
```

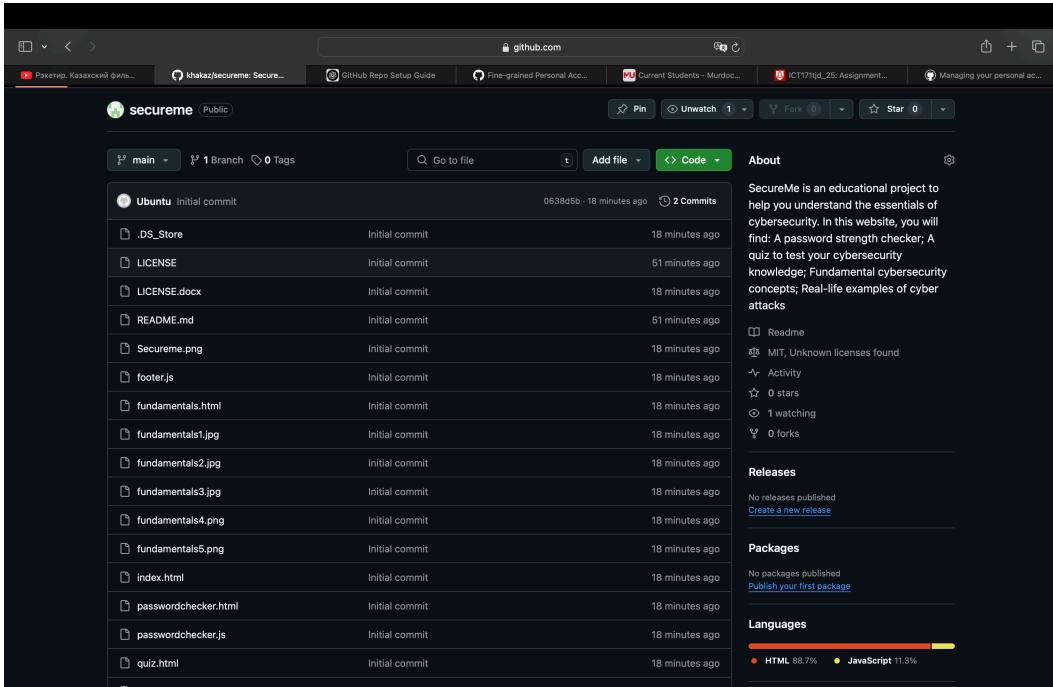
## 7. Glithub

1. I created new repository on my github
2. Pushed my project files to my repository through my terminal

```

admin@kaz:~/var/www/html$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /var/www/html/.git/
admin@kaz:~/var/www/html$ git remote add origin https://github.com/khakaz/secureme.git
admin@kaz:~/var/www/html$ git commit -m "Initial commit"
error: switch 'm' requires a value
[master (root-commit) e284e6d] Initial commit
Committer: Ubuntu <admin@kaz:~> mxqzvzbneesayqj1wmyrnf.bx.internal.cloudapp.net>
Your name and email address were configured automatically based
on your account settings. You can change them at any time.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
  git config --global --edit
After doing this, you may fix the identity used for this commit with:
  git commit --amend --reset-author
28 files changed, 694 insertions(+)
create mode 100644 .DS_Store
create mode 100644 index.html
create mode 100644 Securume.png
create mode 100644 footer.js
create mode 100644 fundamentals1.html
create mode 100644 fundamentals11.jpg
create mode 100644 fundamentals12.jpg
create mode 100644 fundamentals13.jpg
create mode 100644 fundamentals14.png
create mode 100644 fundamentals15.png
create mode 100644 fundamentals16.html
create mode 100644 fundamentals17.html
create mode 100644 passwordchecker.html
create mode 100644 quiz.html
create mode 100644 realife1.jpg
create mode 100644 realife2.jpg
create mode 100644 realife3.jpg
create mode 100644 realife4.jpg
create mode 100644 realife5.jpg
create mode 100644 realife6es.html
create mode 100644 realife6ses.html
remote: Permission to khakaz/secureme.git denied to khakaz.
fatal: unable to access 'https://github.com/khakaz/secureme.git/': The requested URL returned error: 403
admin@kaz:~/var/www/html$ git push -u origin main
Username for 'https://github.com': khakaz
Password for 'https://khakaz@github.com':
remote: Permission to khakaz/secureme.git denied to khakaz.
fatal: unable to access 'https://github.com/khakaz/secureme.git/': The requested URL returned error: 403
admin@kaz:~/var/www/html$ git push -u origin main
Username for 'https://github.com': khakaz
Password for 'https://khakaz@github.com':
To https://github.com/khakaz/secureme.git
 ! [rejected]        main (fetch first)
error: failed to push some refs to 'https://github.com/khakaz/secureme.git'
hint: Updates were rejected because the remote contains work that you do not have in your local repository. This is normally not what you want.
hint: If you do want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: You can replace 'git push' with 'git push --force' if you really
want to discard all local changes.
remote: Permission to khakaz/secureme.git denied to khakaz.
fatal: unable to access 'https://github.com/khakaz/secureme.git/': The requested URL returned error: 403
admin@kaz:~/var/www/html$ git push -u origin main
Username for 'https://github.com': khakaz
Password for 'https://khakaz@github.com':
To https://github.com/khakaz/secureme.git
 ! [rejected]        main (fetch first)
error: failed to push some refs to 'https://github.com/khakaz/secureme.git'
hint: Updates were rejected because the tip of your current branch is behind
the remote 'origin'. You can check out the remote's tip to see what has changed,
hint: use 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
remote: Permission to khakaz/secureme.git denied to khakaz.
fatal: unable to access 'https://github.com/khakaz/secureme.git/': The requested URL returned error: 403
admin@kaz:~/var/www/html$ git push -u origin main
Username for 'https://github.com': khakaz
Password for 'https://khakaz@github.com':
To https://github.com/khakaz/secureme.git
 ! [rejected]        main (non-fast-forward)
error: failed to push some refs to 'https://github.com/khakaz/secureme.git'
hint: Updates were rejected because the tip of your current branch is behind
the remote 'origin'. You can check out the remote's tip to see what has changed,
hint: use 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
remote: Resolving deltas: 100% (22/22), done.
Counting objects: 1000 (23/23), done.
Compressing objects: 100% (22/22), done.
Writing objects: 100% (1000/1000), 7.87 MiB/s, done.
Total 22 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/khakaz/secureme.git
 ! [rejected]        main (non-fast-forward)
branch 'main' set up to track 'origin/main'.
admin@kaz:~/var/www/html$ 

```



## 8. Conclusion

SecureMe is a fully functional cybersecurity education site developed with simplicity and usability in mind. It combines interactive tools and educational content to provide a foundational understanding of online security. This documentation serves as a reference for how the site was built and the purpose of each component.

## **References**

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**Target Cyber Attack: A Columbia University Case Study** <https://www.sipa.columbia.edu/sites/default/files/2022-11/TargetFinal.pdf>

**WannaCry Ransomware Attack 2017** [https://en.wikipedia.org/wiki/WannaCry\\_ransomware\\_attack](https://en.wikipedia.org/wiki/WannaCry_ransomware_attack)

**Gmail Phishing Attack 2017** <https://www.ttu.edu/cybersecurity/lubbock/alert/posts/2017/phishing-targeting-gmail.php>