PROJECT DEVELOPMENT PHASE

SPRINT 1

Date	29 October 2022
Team ID	PNT2022TMID23587
Project Name	Project- Web Phishing Detection

SPRINT 1:

USN-1   User can view the homepage that contains resources about web phishing.

USN-2   User inputs an URL in the required field to check its validation.

PROGRAM :

```html
homepage.html ✕
homepage.html > ...
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta http-equiv="X-UA-Compatible" content="IE=edge">
6       <meta name="viewport" content="width=device-width, initial-scale=1.0">
7       <title>SecureSurfers</title>
8       <link rel="stylesheet" href="style.css">
9   </head>
10  <body>
11      <nav>
12          <ul>
13          <li id="websiteName">SecureSurfers.</li>
14          <li><a href="contact.html">Contact</a></li>
15          <li><a href="#about">About</a></li>
16          <li><a href="#">Home</a></li>
17
18          </ul>
19      </nav>
20
21      <div class="sectionOne" id="home">
22          <section id="section1">
23              <img src="img1.jpg" id="homepageImg">
24          </section>
25          <section id="section2">
26              <div id="section2Div">
27                  <span id="line1">Are you browsing on a safe website?!<br></span>
28
29                  <br><br>
30                  <span id="line2">Check the website now to know if the URL is valid and save yourself from phishing attacks.</span>
31                  <br><br><br><br><br>
32                  <a href="mainpage.html"><span id="checkWebsiteBtn">Check your website now</span></a>
```

```html
homepage.html ✕
homepage.html > ...
27                  <span id="line1">Are you browsing on a safe website?!<br></span>
28
29                  <br><br>
30                  <span id="line2">Check the website now to know if the URL is valid and save yourself from phishing attacks.</span>
31                  <br><br><br><br><br>
32                  <a href="mainpage.html"><span id="checkWebsiteBtn">Check your website now</span></a>
33              </div>
34          </section>
35      </div>
36
37      <div class="sectionTwo" id="about">
38          <h1></h1>
39          <h2>About</h2>
40          <hr>
41          <br>
42
43          <section id="para">
44          <p id="paraOne" class="para">
45              Web service is one of the key communications software services for the internet. Web phishing is one of the many security threats to
46          </p>
47
48          <p id="paraTwo" class="para">
49              The recipient is tricked into clicking a malicious link, which can lead to the installation of malware, the freezing of the system as
50          </p>
51          </section>
52      </div>
53
54  </body>
55  </html>
56
57
```

```css
# style.css   ✕

# style.css > ⚡ *
  1  *{
  2      margin:0 0;
  3  }
  4
  5  body{
  6      background-color: ☐black;
  7      height:100%;
  8  }
  9  nav{
 10      /* background-image:linear-gradient(to bottom,#380742,#731077); */
 11      /* background-color:#e66a17; */
 12      background-image:radial-gradient(■#f27232 , ■#ae4e0d);
 13
 14      /* background-image:linear-gradient(to bottom,#7d2d08,#ad5013); */
 15
 16      /* background-image:linear-gradient(to bottom,#0f0845,#202a65); */
 17      color: ☐white;
 18      padding:15px 50px;
 19  }
 20  ul{
 21      list-style-type: none;
 22      margin: 0;
 23      padding: 0;
 24      overflow: hidden;
 25  }
 26
 27  li{
 28      float: right;
 29      text-decoration: none;
 30      list-style: none;
 31      padding-left: 20px;
 32      font-size: 25px;
 33      font-weight: 600;
```

```css
 26
 27  li{
 28      float: right;
 29      text-decoration: none;
 30      list-style: none;
 31      padding-left: 20px;
 32      font-size: 25px;
 33      font-weight: 600;
 34  }
 35  a{
 36      text-decoration: none;
 37      color: ☐white;
 38  }
 39  li>a:hover{
 40      color: ☐rgb(46, 45, 45);
 41      font-size: 30px;
 42  }
 43  #websiteName{
 44      float: left;
 45      font-size: 35px;
 46      font-weight: 900;
 47  }
 48  .sectionOne{
 49      color: ☐white;
 50      margin-bottom: 0%;
 51  }
 52  #section1{
 53      width:60%;
 54      float: left;
 55  }
 56
```

```css
56
57   #section2{
58       width: 40%;
59       float:right;
60   }
61   #homepageImg{
62       width:100%;
63       height: 630px;
64   }
65   #section2Div{
66       padding: 150px 100px;
67   }
68
69   #line1{
70       font-size: 2.5em;
71       font-weight:600;
72   }
73   #line2{
74       font-size: 1.5em;
75       line-height: 1.3em;
76   }
77   #checkWebsiteBtn{
78       /* background-color: white; */
79       background-image:radial-gradient(■#b1592d,■#e66a17);
80       color: ■white;
81       padding: 20px 80px;
82       border-radius: 20px;
83       font-size: 1.4em;
84       font-weight:800;
85       box-shadow:3px 3px ■white;
86   }
```

```css
86   }
87
88   #checkWebsiteBtn:hover{
89       background-image:radial-gradient(■#5c2e18,■#964610);
90       box-shadow:3px 3px ■rgb(175, 173, 173);
91
92       /* box-shadow:none; */
93   }
94
95
96   .sectionTwo{
97       clear:both;
98       font-size: 25px;
99       font-weight: 550;
100      line-height: 40px;
101      color: □black;
102  }
103
104  .sectionTwo h1{
105      background-image:radial-gradient(■#f27232 ,■#ae4e0d);
106      padding: 5px;
107  }
108
109  .sectionTwo h2{
110      color:■white;
111      text-align: center;
112      padding:30px 80px;;
113      font-size: 50px;
114  }
115
116  #para{
```

```css
122  #paraOne{
123      width:40%;
124      margin-right:5%;
125      margin-left: 3%;
126      float:left;
127      background-image:radial-gradient(#f27232 ,#893e0d);
128      padding:5%;
129      border-radius: 30px;
130      box-shadow:3px 3px white;
131
132
133  }
134  #paraTwo{
135      width:40%;
136      float:right;
137      background-image:radial-gradient(#f27232 ,#ae4e0d);
138      padding:5%;
139      border-radius: 30px;
140      box-shadow:3px 3px white;
141
142  }
143
144  #phishingSection{
145      color: white;
146      text-align: center;
147      padding: 5%;
148      font-size: 20px;
149  }
150
151  #phishingSection>p{
152      font-size: 30px;
153  }
```

```css
# style.css >  *
151  #phishingSection>p{
152      font-size: 30px;
153  }
154
155  #urlInput{
156      padding: 10px 200px;
157      font-size: 25px;
158      border-radius: 10px;
159  }
160
161  #predictButton{
162      font-size: 25px;
163      padding: 10px 50px;
164      background-image:radial-gradient(#b1592d,#e66a17);
165      color: white;
166      font-weight:500;
167      border-radius: 20px;
168      box-shadow:3px 3px white;
169  }
170
171  #predictButton:hover
172  {
173      background-image:radial-gradient(#5c2e18,#964610);
174      box-shadow:3px 3px rgb(175, 173, 173);
175  }
176
177  #mailId, #message{
178      padding: 5px 100px;
179      width:30%;
180      font-size: 25px;
181      border-radius: 20px;
182
```

```css
169    }
170
171    #predictButton:hover
172    {
173        background-image:radial-gradient(#5c2e18,#964610);
174        box-shadow:3px 3px rgb(175, 173, 173);
175    }
176
177    #mailId, #message{
178        padding: 5px 100px;
179        width:30%;
180        font-size: 25px;
181        border-radius: 20px;
182
183    }
184
185    #message{
186        padding: 30px 100px;
187    }
```

mainpage.html ✕

mainpage.html > ...

```html
1    |
2    <!DOCTYPE html>
3    <html lang="en">
4    <head>
5        <meta charset="UTF-8">
6        <meta http-equiv="X-UA-Compatible" content="IE=edge">
7        <meta name="viewport" content="width=device-width, initial-scale=1.0">
8        <title>SecureSurfers</title>
9        <link rel="stylesheet" href="style.css">
10   </head>
11   <body>
12       <nav>
13           <ul>
14           <li id="websiteName">SecureSurfers.</li>
15           <li><a href="contact.html">Contact</a></li>
16           <li><a href="homepage.html#about">About</a></li>
17           <li><a href="homepage.html">Home</a></li>
18
19           </ul>
20       </nav>
21
22       <div id="phishingSection">
23           <h1>Phishing website detection using Machine Learning</h1>
24           <br><br>
25           <p>Enter website's URL here</p><br>
26           <input type="text" id="urlInput">
27           <br><br>
28           <input type="button" value="Check the URL" id="predictButton">
29       </div>
30
31
32   </body>
33   </html>
```
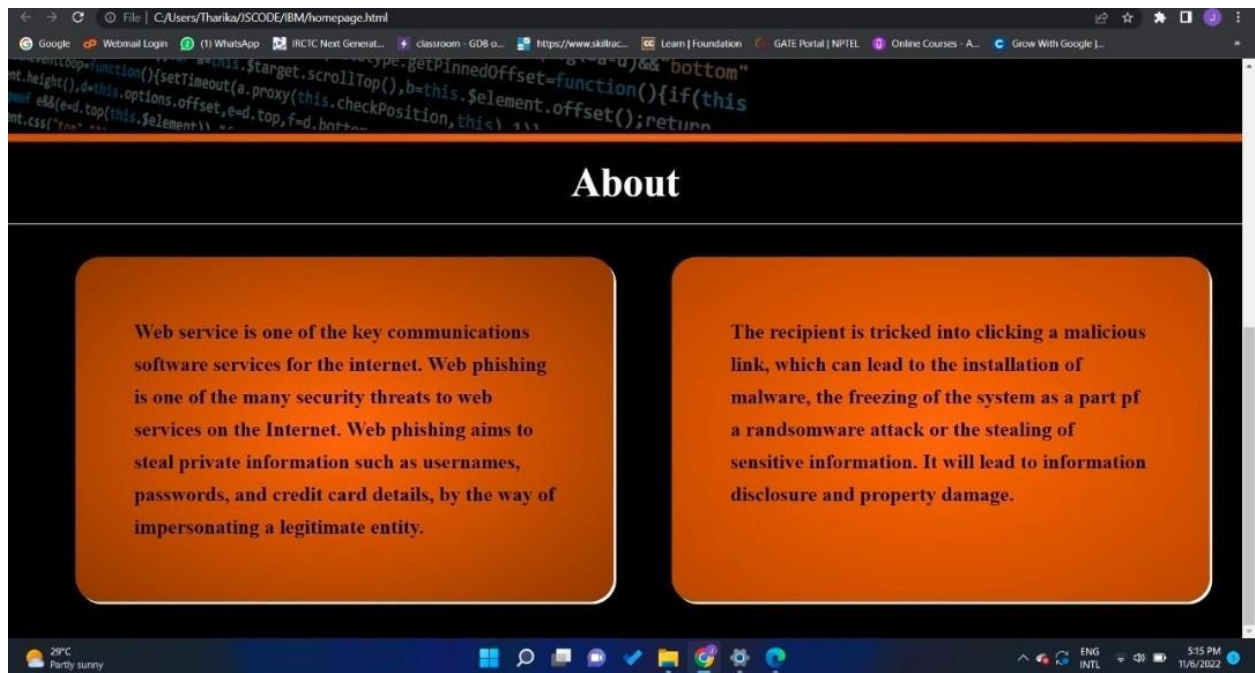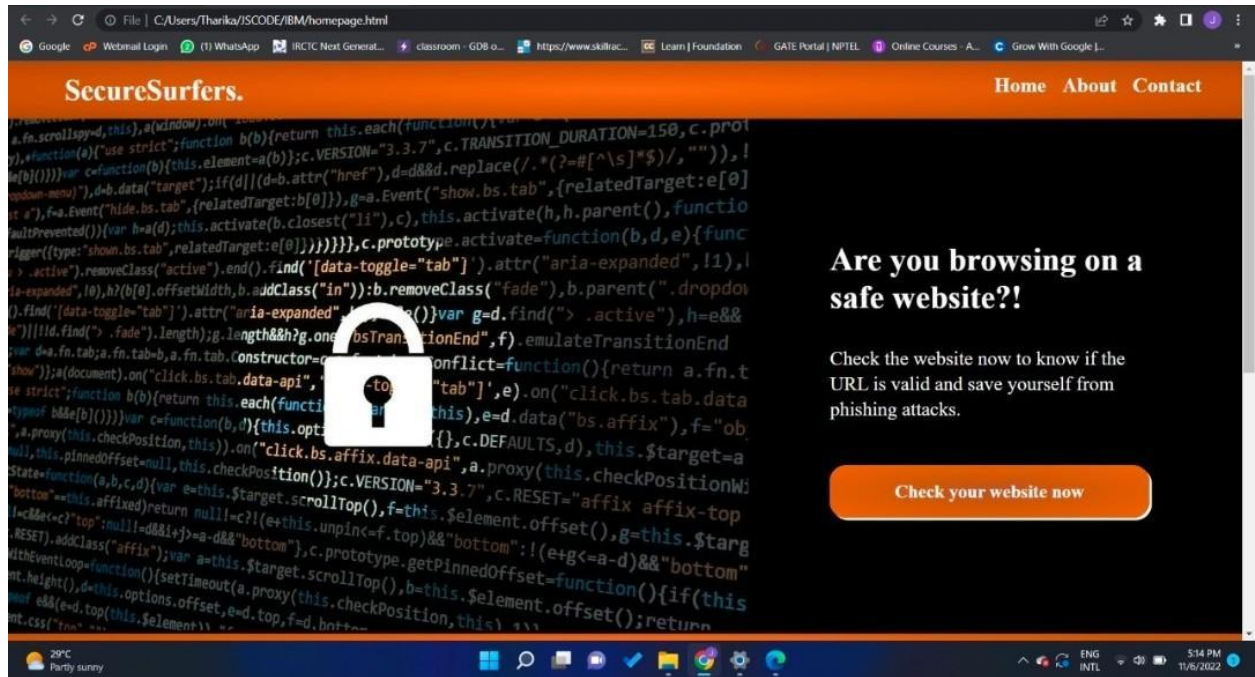
Home Page

URL PAGE :