PROJECT DEVELOPMENT PHASE

SPRINT 1

Date	29 October 2022
Team ID	PNT2022TMID30885
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
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SecureSurfers</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <nav>
        <ul>
        <li id="websiteName">SecureSurfers.</li>
        <li><a href="contact.html">Contact</a></li>
        <li><a href="#about">About</a></li>
        <li><a href="#">Home</a></li>

        </ul>
    </nav>

    <div class="sectionOne" id="home">
        <section id="section1">
            <img src="img1.jpg" id="homepageImg">
        </section>
        <section id="section2">
            <div id="section2Div">
                <span id="line1">Are you browsing on a safe website?!<br></span>

                <br><br>
                <span id="line2">Check the website now to know if the URL is valid and save yourself from phishing attacks.</span>
                <br><br><br><br>
                <a href="mainpage.html"><span id="checkWebsiteBtn">Check your website now</span></a>
```

```html
                    <span id= line1 >Are you browsing on a safe website?!<br></span>

            <br><br>
            <span id="line2">Check the website now to know if the URL is valid and save yourself from phishing attacks.</span>
            <br><br><br><br><br>
            <a href="mainpage.html"><span id="checkWebsiteBtn">Check your website now</span></a>
        </div>
    </section>
</div>

<div class="sectionTwo" id="about">
    <h1></h1>
    <h2>About</h2>
    <hr>
    <br>

    <section id="para">
    <p id="paraOne" class="para">
        Web service is one of the key communications software services for the internet. Web phishing is one of the many security threats to
    </p>

    <p id="paraTwo" class="para">
        The recipient is tricked into clicking a malicious link, which can lead to the installation of malware, the freezing of the system as
    </p>
    </section>
</div>

</body>
</html>
```

```css
*{
    margin:0 0;
}

body{
    background-color: ☐black;
    height:100%;
}
nav{
    /* background-image:linear-gradient(to bottom,#380742,#731077); */
    /* background-color:#e66a17; */
    background-image:radial-gradient(■#f27232 ,■#ae4e0d);

    /* background-image:linear-gradient(to bottom,#7d2d08,#ad5013); */

    /* background-image:linear-gradient(to bottom,#0f0845,#202a65); */
    color: ☐white;
    padding:15px 50px;
}
ul{
    list-style-type: none;
    margin: 0;
    padding: 0;
    overflow: hidden;
}

li{
    float: right;
    text-decoration: none;
    list-style: none;
    padding-left: 20px;
    font-size: 25px;
    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
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   }
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SecureSurfers</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <nav>
        <ul>
        <li id="websiteName">SecureSurfers.</li>
        <li><a href="contact.html">Contact</a></li>
        <li><a href="homepage.html#about">About</a></li>
        <li><a href="homepage.html">Home</a></li>

        </ul>
    </nav>

    <div id="phishingSection">
        <h1>Phishing website detection using Machine Learning</h1>
        <br><br>
        <p>Enter website's URL here</p><br>
        <input type="text" id="urlInput">
        <br><br>
        <input type="button" value="Check the URL" id="predictButton">
    </div>


</body>
</html>
```