PROJECT DEVELOPMENT PHASE

SPRINT 1

Date	29 October 2022
Team ID	PNT2022TMID08565
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 :

templates > <> index.html > ...

```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      <meta name="description" content="This website is develop for identify the safety of url.">
8      <meta name="keywords" content="phishing url,phishing,cyber security,machine learning,classifier,python">
9      <meta name="author" content="Vishnu Vardhan">
10
11     <!-- BootStrap -->
12     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"
13         integrity="sha384-9aIt2nRpC12Uk9gS9baD1411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk" crossorigin="anonymous">
14
15     <link href="../static/styles.css" rel="stylesheet">
16     <title>URL detection</title>
17
18  </head>
19
20  <body>
21
22  <div class="main-body">
23      <div class="form" id="form1">
24          <H2>PHISHING URL DETECTION</H2>
25
26      <br><br><br>
27          <form action="/predict" method ="post">
28              <input type="text" class="form__input" name ='url' id="url" placeholder="Enter URL" required="" />
29              <label for="url" class="form__label">URL</label>
30              <button class="button" role="button" >Check here</button>
31          </form>
32
```
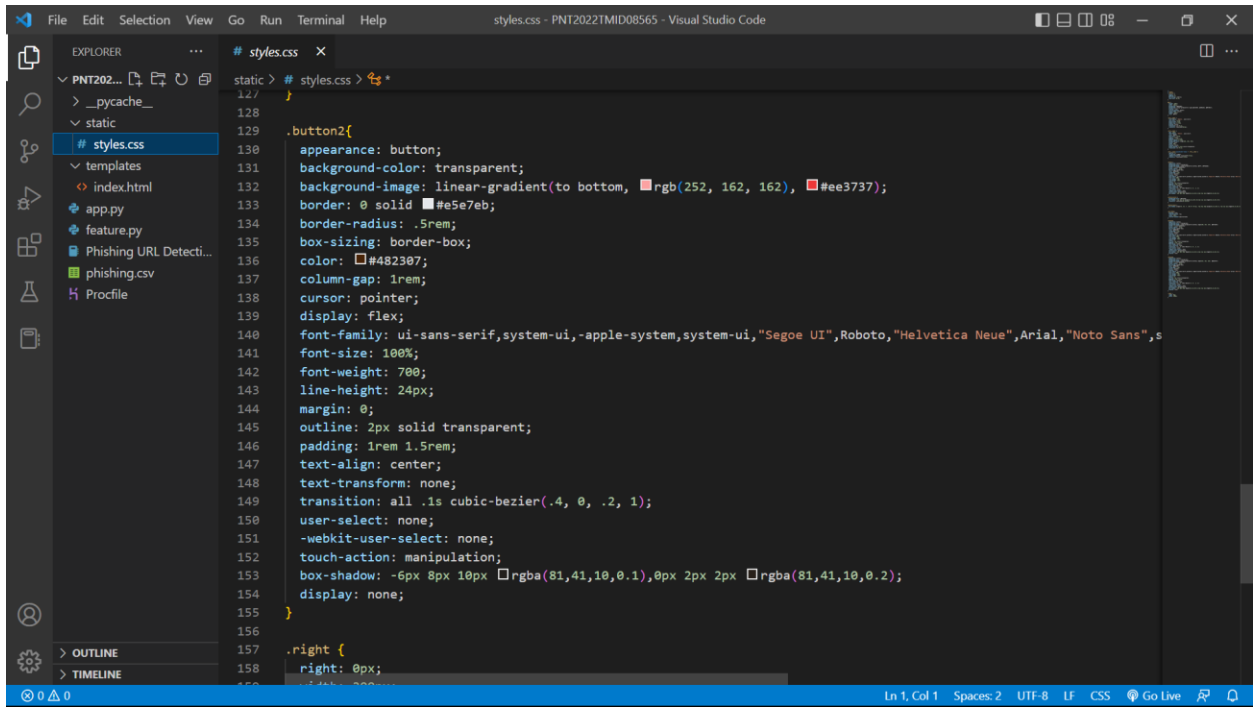
Ln 1, Col 1   Spaces: 4   UTF-8   LF   HTML   Go Live

---

templates > <> index.html > ...

```html
49     <!-- JavaScript -->
50     <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
51         integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
52         crossorigin="anonymous"></script>
53     <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
54         integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
55         crossorigin="anonymous"></script>
56     <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
57         integrity="sha384-OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
58         crossorigin="anonymous"></script>
59
60
61     <script>
62
63             let x = '{{xx}}';
64             let num = x*100;
65             if (0<=x && x<0.50){
66                 num = 100-num;
67             }
68             let txtx = num.toString();
69             if(x<=1 && x>=0.50){
70                 var label = "Website is "+txtx +"% safe to use...";
71                 document.getElementById("prediction").innerHTML = label;
72                 document.getElementById("button1").style.display="block";
73             }
74             else if (0<=x && x<0.50){
75                 var label = "Website is "+txtx +"% unsafe to use...";
76                 document.getElementById("prediction").innerHTML = label ;
77                 document.getElementById("button2").style.display="block";
78             }
79
```
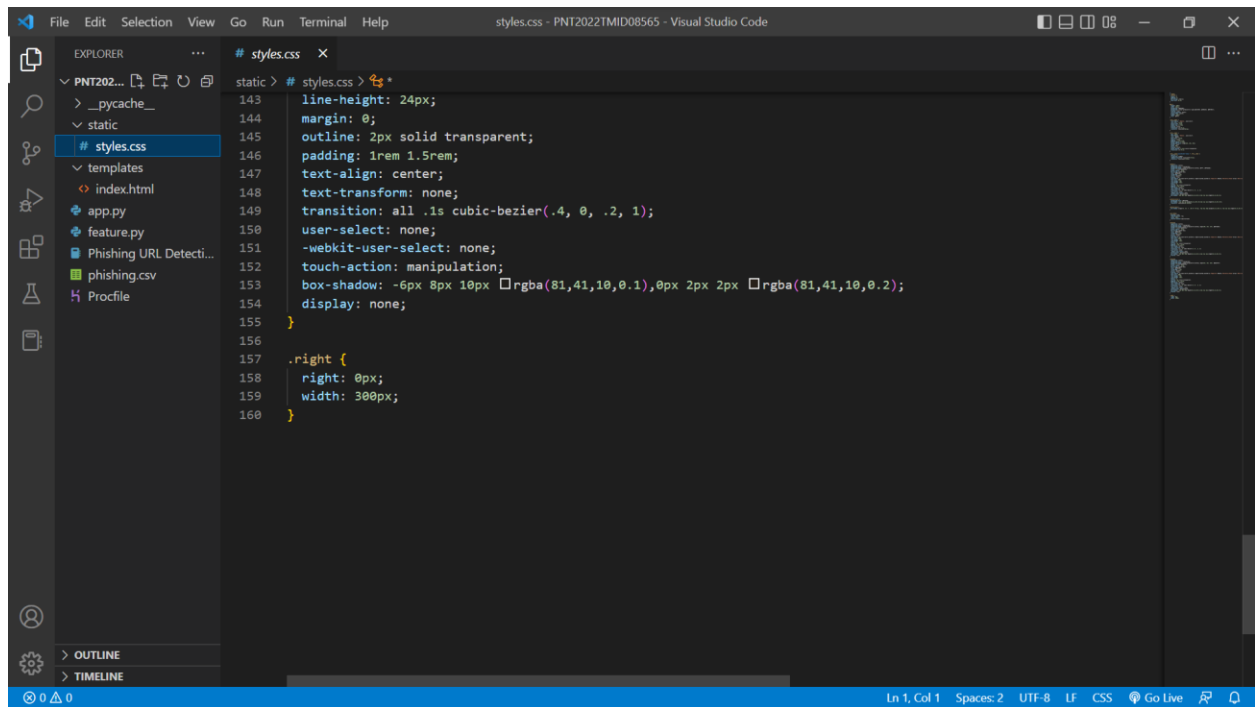
Ln 1, Col 1   Spaces: 4   UTF-8   LF   HTML   Go Live

```css
*,
*::after,
*::before {
  margin: 0;
  padding: 0;
  box-sizing: inherit;
  font-size: 62,5%;
}

body {
  height: 100vh;
  width: 100vw;
  background: #0f2027;
  background: linear-gradient(to right, #2c5364, #203a43, #0f2027);
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  color: #fff;
}

.form__label {
  font-family: 'Roboto', sans-serif;
  font-size: 1.2rem;
  margin-left: 2rem;
  margin-top: 0.7rem;
  display: block;
  transition: all 0.3s;
  transform: translateY(0rem);
}

.form__input {
```

```css
  transform: translateY(+4rem);
}

.button {
  appearance: button;
  background-color: transparent;
  background-image: linear-gradient(to bottom, #fff, #f8eedb);
  border: 0 solid #e5e7eb;
  border-radius: .5rem;
  box-sizing: border-box;
  color: #482307;
  column-gap: 1rem;
  cursor: pointer;
  display: flex;
  font-family: ui-sans-serif,system-ui,-apple-system,system-ui,"Segoe UI",Roboto,"Helvetica Neue",Arial,"Noto Sans",s
  font-size: 100%;
  font-weight: 700;
  line-height: 24px;
  margin: 0;
  outline: 2px solid transparent;
  padding: 1rem 1.5rem;
  text-align: center;
  text-transform: none;
  transition: all .1s cubic-bezier(.4, 0, .2, 1);
  user-select: none;
  -webkit-user-select: none;
  touch-action: manipulation;
  box-shadow: -6px 8px 10px rgba(81,41,10,0.1),0px 2px 2px rgba(81,41,10,0.2);
}

.button:active {
```

```css
.button1{
    appearance: button;
    background-color: transparent;
    background-image: linear-gradient(to bottom, rgb(160, 245, 174), #37ee65);
    border: 0 solid #e5e7eb;
    border-radius: .5rem;
    box-sizing: border-box;
    color: #482307;
    column-gap: 1rem;
    cursor: pointer;
    display: flex;
    font-family: ui-sans-serif,system-ui,-apple-system,system-ui,"Segoe UI",Roboto,"Helvetica Neue",Arial,"Noto Sans",s
    font-size: 100%;
    font-weight: 700;
    line-height: 24px;
    margin: 0;
    outline: 2px solid transparent;
    padding: 1rem 1.5rem;
    text-align: center;
    text-transform: none;
    transition: all .1s cubic-bezier(.4, 0, .2, 1);
    user-select: none;
    -webkit-user-select: none;
    touch-action: manipulation;
    box-shadow: -6px 8px 10px rgba(81,41,10,0.1),0px 2px 2px rgba(81,41,10,0.2);
    display: none;
}

.button2{
    appearance: button;
    background-color: transparent;
```

```css
}

#checkWebsiteBtn:hover{
    background-image:radial-gradient(#5c2e18,#964610);
    box-shadow:3px 3px rgb(175, 173, 173);

    /* box-shadow:none; */
}


.sectionTwo{
    clear:both;
    font-size: 25px;
    font-weight: 550;
    line-height: 40px;
    color: black;
}

.sectionTwo h1{
    background-image:radial-gradient(#f27232 ,#ae4e0d);
    padding: 5px;
}


.sectionTwo h2{
    color: white;
    text-align: center;
    padding:30px 80px;;
    font-size: 50px;
}

#para{
```

```css
127    }
128
129    .button2{
130        appearance: button;
131        background-color: transparent;
132        background-image: linear-gradient(to bottom, rgb(252, 162, 162), #ee3737);
133        border: 0 solid #e5e7eb;
134        border-radius: .5rem;
135        box-sizing: border-box;
136        color: #482307;
137        column-gap: 1rem;
138        cursor: pointer;
139        display: flex;
140        font-family: ui-sans-serif,system-ui,-apple-system,system-ui,"Segoe UI",Roboto,"Helvetica Neue",Arial,"Noto Sans",s
141        font-size: 100%;
142        font-weight: 700;
143        line-height: 24px;
144        margin: 0;
145        outline: 2px solid transparent;
146        padding: 1rem 1.5rem;
147        text-align: center;
148        text-transform: none;
149        transition: all .1s cubic-bezier(.4, 0, .2, 1);
150        user-select: none;
151        -webkit-user-select: none;
152        touch-action: manipulation;
153        box-shadow: -6px 8px 10px rgba(81,41,10,0.1),0px 2px 2px rgba(81,41,10,0.2);
154        display: none;
155    }
156
157    .right {
158        right: 0px;
```

```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    }
```

```
143     line-height: 24px;
144     margin: 0;
145     outline: 2px solid transparent;
146     padding: 1rem 1.5rem;
147     text-align: center;
148     text-transform: none;
149     transition: all .1s cubic-bezier(.4, 0, .2, 1);
150     user-select: none;
151     -webkit-user-select: none;
152     touch-action: manipulation;
153     box-shadow: -6px 8px 10px □rgba(81,41,10,0.1),0px 2px 2px □rgba(81,41,10,0.2);
154     display: none;
155 }
156
157 .right {
158     right: 0px;
159     width: 300px;
160 }
```

Home Page