

Application Building

Creating HTML files

Date	16 November 2022
Team ID	PNT2022TMID21290
Project Name	Project – Early detection of chronic kidney disease using machine learning

The html files are built for each feature individually. There are four html pages to achieve each individual goal of the project.

login.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <meta charset="UTF-8">
5  <title>Login Page</title>
6  <style><!DOCTYPE html>
7  <html>
8  <head>
9  <meta charset="UTF-8">
10 <title>Login Page</title>
11 <style>
12 h2 {text-align: center;}
13
14
15 input[type=text], input[type=password] {
16   width: 100%;
17   padding: 12px 20px;
18   margin: 8px 0;
19   display: inline-block;
20   border: 1px solid #ccc;
21   box-sizing: border-box;
22 }
23
24 button {
25   background-color: blue;
26   color: white;
27   padding: 14px 20px;
28   margin: 8px 0;
29   border: none;
30   cursor: pointer;
```

```
30   cursor: pointer;
31   width: 100%;
32 }
33
34 button:hover {
35   opacity: 0.8;
36 }
37
38 .cancelbtn {
39   width: auto;
40   padding: 10px 18px;
41   background-color: #f44336;
42 }
43
44 .imgcontainer {
45   text-align: center;
46   margin: 24px 0 12px 0;
47 }
48
49 img.avatar {
50   width: 40%;
51   border-radius: 50%;
52 }
53
54 .container {
55   padding: 16px;
56 }
57
58 span.psw {
59   float: right;
```

```

58 span.psw {
59   float: right;
60   padding-top: 16px;
61 }
62
63 /* Change styles for span and cancel button on extra small screens */
64 @media screen and (max-width: 380px) {
65   span.psw {
66     display: block;
67     float: none;
68   }
69   .cancelbtn {
70     width: 100%;
71   }
72 }
73
74 .header {
75   overflow: hidden;
76   background-color: #f1f1f1;
77   padding: 20px 10px;
78 }
79
80 /* Style the header links */
81 .header a {
82   float: left;
83   color: black;
84   text-align: center;
85   padding: 12px;
86   text-decoration: none;
87   font-size: 18px;

```

```

86   text-decoration: none;
87   font-size: 18px;
88   line-height: 25px;
89   border-radius: 4px;
90 }
91
92 /* Style the logo link (notice that we set the same value of line-height and font-size to prevent the header to increase when the font gets bigger */
93 .header a.logo {
94   font-size: 55px;
95   font-weight: bold;
96   align: center;
97 }
98
99 /* Change the background color on mouse-over */
100 .header a:hover {
101   background-color: #ddd;
102   color: black;
103 }
104
105 /* Style the active/current link*/
106 .header a.active {
107   background-color: dodgerblue;
108   color: white;
109 }
110
111 /* float the link section to the right */
112 .header-right {
113   float: right;
114 }
115

```

```

114 }
115
116 /* Add media queries for responsiveness - when the screen is 500px wide or less, stack the links on top of each other */
117 @media screen and (max-width: 500px) {
118   .header a {
119     float: none;
120     display: block;
121     text-align: left;
122   }
123   .header-right {
124     float: none;
125   }
126 }
127 * {box-sizing: border-box}
128
129 /* Add padding to containers */
130 .container {
131   padding: 16px;
132 }
133
134 /* Full-width input fields */
135 input[type=text], input[type=password] {
136   width: 100%;
137   padding: 15px;
138   margin: 5px 0 22px 0;
139   display: inline-block;
140   border: none;
141   background: #f1f1f1;
142 }
143

```

```

143
144 input[type=text]:focus, input[type=password]:focus {
145     background-color: #ddd;
146     outline: none;
147 }
148
149 /* Overwrite default styles of hr */
150 hr {
151     border: 1px solid #f1f1f1;
152     margin-bottom: 25px;
153 }
154
155 /* Set a style for the submit/register button */
156 .registerbtn {
157     background-color: #04AA6D;
158     color: white;
159     padding: 16px 20px;
160     margin: 8px 0;
161     border: none;
162     cursor: pointer;
163     width: 100%;
164     opacity: 0.9;
165 }
166
167 .registerbtn:hover {
168     opacity:1;
169 }
170
171 /* Add a blue text color to links */
172 a {

```

```

172 a {
173     color: dodgerblue;
174 }
175
176 /* Set a grey background color and center the text of the "sign in" section */
177 .signin {
178     background-color: #f1f1f1;
179     text-align: center;
180 }
181 </style>
182 </head>
183 <body>
184
185
186
187 <form action="/action_page.php" method="post">
188     <div class="header">
189
190         <a href="#default" class="logo">Chronic Kidney Disease Prediction</a>
191         <div class="header-right">
192
193
194         </div>
195     </div>
196     <h2>Login Form</h2>
197     <div class="container">
198         <label for="uname"><b>Username</b></label>
199         <input type="text" placeholder="Enter Username" name="uname" required>
200
201         <label for="psw"><b>Password</b></label>
202         <input type="password" placeholder="Enter Password" name="psw" required>

```

```

189
190     <a href="#default" class="logo">Chronic Kidney Disease Prediction</a>
191     <div class="header-right">
192
193
194     </div>
195 </div>
196 <h2>Login Form</h2>
197 <div class="container">
198     <label for="uname"><b>Username</b></label>
199     <input type="text" placeholder="Enter Username" name="uname" required>
200
201     <label for="psw"><b>Password</b></label>
202     <input type="password" placeholder="Enter Password" name="psw" required>
203
204     <button type="submit">Login</button>
205     <label>
206         <input type="checkbox" checked="checked" name="remember"> Remember me
207     </label>
208 </div>
209
210 <div class="container" style="background-color:#f1f1f1">
211     <button type="button" class="cancelbtn">Cancel</button>
212     <span class="psw">Forgot <a href="#">password?</a></span>
213 </div>
214 </form>
215
216 </body>
217 </html>
218

```

register.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <title>Registration Page</title>
6  </head>
7  <style>
8      .imgcontainer {
9          text-align: center;
10         margin: 24px 0 12px 0;
11     }
12
13     .header {
14         overflow: hidden;
15         background-color: #f1f1f1;
16         padding: 20px 10px;
17     }
18
19     /* Style the header links */
20     .header a {
21         float: left;
22         color: black;
23         text-align: center;
24         padding: 12px;
25         text-decoration: none;
26         font-size: 18px;
27         line-height: 25px;
28         border-radius: 4px;
29     }
30
```

```
30
31 /* Style the logo link (notice that we set the same value of line-height and font-size to prevent the header to increase when the font gets bigger */
32 .header a.logo {
33     font-size: 55px;
34     font-weight: bold;
35     align: center;
36 }
37
38 /* Change the background color on mouse-over */
39 .header a:hover {
40     background-color: #ddd;
41     color: black;
42 }
43
44 /* Style the active/current link*/
45 .header a.active {
46     background-color: green;
47     color: white;
48 }
49
50 /* Float the link section to the right */
51 .header-right {
52     float: right;
53 }
54
55 /* Add media queries for responsiveness - when the screen is 500px wide or less, stack the links on top of each other */
56 @media screen and (max-width: 500px) {
57     .header a {
58         float: none;
59         display: block;
60     }
61 }

```

```

59     display: block;
60     text-align: left;
61 }
62 .header-right {
63     float: none;
64 }
65 }
66 * {box-sizing: border-box}
67
68 /* Add padding to containers */
69 .container {
70     padding: 16px;
71 }
72
73 /* Full-width input fields */
74 input[type=text], input[type=password] {
75     width: 100%;
76     padding: 15px;
77     margin: 5px 0 22px 0;
78     display: inline-block;
79     border: none;
80     background: #f1f1f1;
81 }
82
83 input[type=text]:focus, input[type=password]:focus {
84     background-color: #ddd;
85     outline: none;
86 }
87
88 /* Overwrite default styles of hr */

```

```

88 /* Overwrite default styles of hr */
89 hr {
90     border: 1px solid #f1f1f1;
91     margin-bottom: 25px;
92 }
93
94 /* Set a style for the submit/register button */
95 .registerbtn {
96     background-color: blue;
97     color: white;
98     padding: 16px 20px;
99     margin: 8px 0;
100    border: none;
101    cursor: pointer;
102    width: 100%;
103    opacity: 0.9;
104 }
105
106 .registerbtn:hover {
107     opacity: 1;
108 }
109
110 /* Add a blue text color to links */
111 a {
112     color: dodgerblue;
113 }
114
115 /* Set a grey background color and center the text of the "sign in" section */
116 .signin {
117     background-color: #f1f1f1;

```

```

117     background-color: #f1f1f1;
118     text-align: center;
119 }
120 </style>
121 <body>
122 <div></div>
123 <div class="header">
124
125 <a href="#default" class="logo">Chronic Kidney Disease Prediction</a>
126 <div class="header-right">
127     <a class="active" href="#home">Home</a>
128     <a href="#contact">Contact</a>
129     <a href="#about">About</a>
130 </div>
131 </div>
132
133 <form action="action_page.php">
134 <div class="container">
135     <h1>Register</h1>
136     <p>Please fill in this form to create an account.</p>
137     <hr>
138
139     <label for="email"><b>Email</b></label>
140     <input type="text" placeholder="Enter Email" name="email" id="email" required>
141
142     <label for="psw"><b>Password</b></label>
143     <input type="password" placeholder="Enter Password" name="psw" id="psw" required>
144
145     <label for="psw-repeat"><b>Re-enter Password</b></label>
146     <input type="password" placeholder="Re-enter Password" name="psw-repeat" id="psw-repeat" required>

```

```

130 </div>
131 </div>
132
133 <form action="action_page.php">
134 <div class="container">
135 <h1>Register</h1>
136 <p>Please fill in this form to create an account.</p>
137 <hr>
138
139 <label for="email"><b>Email</b></label>
140 <input type="text" placeholder="Enter Email" name="email" id="email" required>
141
142 <label for="psw"><b>Password</b></label>
143 <input type="password" placeholder="Enter Password" name="psw" id="psw" required>
144
145 <label for="psw-repeat"><b>Re-enter Password</b></label>
146 <input type="password" placeholder="Re-enter Password" name="psw-repeat" id="psw-repeat" required>
147 <hr>
148
149 <button type="submit" class="registerbtn">Create Account</button>
150 </div>
151
152 <div class="container signin">
153 <p>Already have an account? <a href="#">log in</a>.</p>
154 </div>
155 </form>
156
157
158 </body>
159 </html>

```

entry.html

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>CKD Diagnosis</title>
5 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
6 <link rel="stylesheet" href="css/entry.css">
7
8 </head>
9
10 <body>
11
12 <div class="limiter">
13 <div class="container" style="background-image: url('images/back.jpg');">
14 <div class="wrap">
15 <form method="POST" action="/predict" class="container">
16 <span class="form-title">
17 Data Entry
18 </span>
19
20 <span>
21 <label for="sg"><b>Specifc Gravity</b></label>
22 <input type="text" placeholder="Enter Specifc Gravity Value" name="sg" id="sg" required>
23
24 <label for="htn"><b>Hypertension</b></label>
25 <select name="htn" id="htn">
26 <option value="Yes">Yes</option>
27 <option value="No">No</option>
28 </select>
29
30 <label for="hemo"><b>Hemoglobin</b></label>

```

```

30         <label for="hemo"><b>Hemoglobin</b></label>
31         <input type="text" placeholder="Enter Hemoglobin Value" name="hemo" id="hemo" required>
32
33         <label for="dm"><b>Diabetes Mellitus</b></label>
34         <select name="dm" id="dm">
35             <option value="Yes">Yes</option>
36             <option value="No">No</option>
37         </select>
38
39         <label for="al"><b>Albumin</b></label>
40         <input type="text" placeholder="Enter Albumin Value" name="al" id="al" required>
41
42         <label for="appet"><b>Appetite</b></label>
43         <select name="appet" id="appet">
44             <option value="Good">Good</option>
45             <option value="Poor">Poor</option>
46         </select>
47
48         <label for="rc"><b>Red Blood Cell Count</b></label>
49         <input type="text" placeholder="Enter Red Blood Cell Count" name="rc" id="rc" required>
50
51         <label for="pc"><b>Pedal Edema</b></label>
52         <select name="pc" id="pc">
53             <option value="Yes">Yes</option>
54             <option value="No">No</option>
55         </select>
56     </span>
57
58     <hr>
59     <div class="container-login-form-btn">

```

```

43         <select name="appet" id="appet">
44             <option value="Good">Good</option>
45             <option value="Poor">Poor</option>
46         </select>
47
48         <label for="rc"><b>Red Blood Cell Count</b></label>
49         <input type="text" placeholder="Enter Red Blood Cell Count" name="rc" id="rc" required>
50
51         <label for="pc"><b>Pedal Edema</b></label>
52         <select name="pc" id="pc">
53             <option value="Yes">Yes</option>
54             <option value="No">No</option>
55         </select>
56     </span>
57
58     <hr>
59     <div class="container-login-form-btn">
60         <button class="login-form-btn" type="submit">
61             Predict
62         </button>
63     </div>
64
65     </form>
66 </div>
67 </div>
68 </div>
69
70 </body>
71 </html>

```

report.html

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4
5  </head>
6  <body>
7      <div>
8
9      </div>
10     <div class="container">
11         <table class="registartion-form">
12             <tr><td align="center">CHRONIC KIDNEY DISEASE PREDICTION RESULT</td></tr>
13             <br>
14             <div style="font-weight: bold; font-size:20px; color:black;">
15                 <br>
16                 <tr><td><span style="font-weight: bold; color:blue;">{{ pname }}</span>, your prediction of chronic kidney disease is
17                 <span style="font-weight: bold; color:rgb(255, 0, 0);">{{ res }}</span></td></tr>
18             </div>
19             </table>
20         </div>
21     </body>
22 </html>

```

index.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>CKD Diagnosis</title>
5 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
6 <link rel="stylesheet" href="index.css">
7
8 </head>
9
10 <body>
11
12 <div class="limiter">
13 <div class="container" style="background-image: url('images/back.jpg');>
14 <div class="wrap">
15 <form method="POST" action="/predict" class="container">
16 <span class="form-title ">
17 Data Entry
18 </span>
19
20 <span>
21 <label for="sg"><b>Specific Gravity</b></label>
22 <input type="text" placeholder="Enter Specific Gravity Value" name="sg" id="sg" required>
23
24 <label for="htn"><b>Hypertension</b></label>
25 <select name="htn" id="htn">
26 <option value="Yes">Yes</option>
27 <option value="No">No</option>
28 </select>
29
30 <label for="hemo"><b>Hemoglobin</b></label>
31 <input type="text" placeholder="Enter Hemoglobin Value" name="hemo" id="hemo" required>
```

```
30 <label for="hemo"><b>Hemoglobin</b></label>
31 <input type="text" placeholder="Enter Hemoglobin Value" name="hemo" id="hemo" required>
32
33 <label for="dm"><b>Diabetes Mellitus</b></label>
34 <select name="dm" id="dm">
35 <option value="Yes">Yes</option>
36 <option value="No">No</option>
37 </select>
38
39 <label for="al"><b>Albumin</b></label>
40 <input type="text" placeholder="Enter Albumin Value" name="al" id="al" required>
41
42 <label for="appet"><b>Appetite</b></label>
43 <select name="appet" id="appet">
44 <option value="Good">Good</option>
45 <option value="Poor">Poor</option>
46 </select>
47
48 <label for="rc"><b>Red Blood Cell Count</b></label>
49 <input type="text" placeholder="Enter Red Blood Cell Count" name="rc" id="rc" required>
50
51 <label for="pc"><b>Pedal Edema</b></label>
52 <select name="pc" id="pc">
53 <option value="Yes">Yes</option>
54 <option value="No">No</option>
55 </select>
56 </span>
57
58 <hr>
59 <div class="container-login-form-btn">
```

```
43 <select name="appet" id="appet">
44 <option value="Good">Good</option>
45 <option value="Poor">Poor</option>
46 </select>
47
48 <label for="rc"><b>Red Blood Cell Count</b></label>
49 <input type="text" placeholder="Enter Red Blood Cell Count" name="rc" id="rc" required>
50
51 <label for="pc"><b>Pedal Edema</b></label>
52 <select name="pc" id="pc">
53 <option value="Yes">Yes</option>
54 <option value="No">No</option>
55 </select>
56 </span>
57
58 <hr>
59 <div class="container-login-form-btn">
60 <button class="login-form-btn" type="submit">
61 Predict
62 </button>
63 </div>
64
65 </form>
66 </div>
67 </div>
68 </div>
69
70
71 </body>
72 </html>
```