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Project Report

Project based on Personal Album

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Program-Name – B.Tech(CSE)

Section – K22CL

Course-Name – Internet Programming

Course-Code – CSE326

Roll No. – 77

Acknowledgement

This project work titled as “Personal Album”.

The project which was given by our Internet Programming teacher has been completed

And I thank him for giving this wonderful opportunity. It was a nice time doing this project as it helped me in gaining more knowledge about the programming languages.

Personal Album

Aim – To create a website which acts as the personal photo collection and album. The prototype of the album, the categories of photo collection and interactive visuals should be good.

This site acts as a digital photo album.

This site is interactive. Also, it has different categories, photos.

Software used –

Visual Studio Code

HTML

CSS

Design and Source Code: -

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>Personel Album</title>
8      <link rel="stylesheet" href="/style.css">
9      <!-- CUSTOM CSS -->
10
11 </head>
12 <body>
13
14 <input type="radio" name="Photos"
15 id="check1" checked>
16 <input type="radio" name="Photos"
17 id="check2">
18 <input type="radio" name="Photos"
19 id="check3">
20 <input type="radio" name="Photos"
21 id="check4">
22
23 <div class="container">
24 <h1>PERSONEL ALBUM</h1>
25 <div class="top-content">
26 <h3>Photo Gallery</h3>
27 <label for="check1">All Photos</label>
28 <label for="check2">Scenery Photos</label>
29 <label for="check3">Wildlife Photos</label>
30 <label for="check4">Nature Photos</label>
31 </div>
32
33 <div class="photo-gallery">
34 <div class="pic nature1">
35     
36 </div>
37 <div class="pic scenery1">
```

```
33 <div class="photo-gallery">
34 <div class="pic nature1">
35 | 
36 </div>
37 <div class="pic scenery1">
38 | 
39 |
40 </div>
41 <div class="pic wildlife1">
42 | 
43 </div>
44 <div class="pic nature2">
45 | 
46 </div>
47 <div class="pic scenery2">
48 | 
49 </div>
50 <div class="pic wildlife2">
51 | 
52 </div>
53 <div class="pic nature3">
54 | 
55 </div>
56 <div class="pic scenery3">
57 | 
58 </div>
59 <div class="pic wildlife3">
60 | 
61 </div>
62 <div class="pic nature4">
63 | 
64 </div>
65 <div class="pic scenery4">
66 | 
67 </div>
68 <div class="pic wildlife4">
69 | 
```

```
67 </div>
68 <div class="pic wildlife4">
69 |   
70 </div>
71 <div class="pic nature5">
72 |   
73 </div>
74 <div class="pic scenery5">
75 |   
76 </div>
77 <div class="pic wildlife5">
78 |   
79 </div>
80 <div class="pic nature6">
81 |   
82 </div>
83 <div class="pic scenery6">
84 |   
85 </div>
86 <div class="pic wildlife6">
87 |   
88 </div>
89 <div class="pic nature7">
90 |   
91 </div>
92 <div class="pic scenery7">
93 |   
94 </div>
95
96
97
98 |   </div>
99 </div>
100
101 </body>
102 </html>
```

CSS: -

```
1  *{
2      margin: 0;
3      padding: 0;
4      box-sizing: border-box;
5      font-family: sans-serif;
6  }
7  input{
8      display: none;
9  }
10 .container{
11     width: 100%;
12     text-align: center;
13 }
14 h1{
15     font-weight: normal;
16     font-size: 35px;
17     position: relative;
18     margin: 40px 0;
19 }
20 h1::before{
21     content: '';
22     position: absolute;
23     width: 100px;
24     height: 3px;
25     background-color: crimson;
26     bottom: -10px;
27     left: 50%;
28     transform: translateX(-50%);
29     animation: animate 4s linear infinite;
30 }
31 @keyframes animate{
32     0%{
33         width: 100px;
34     }
35     50%{
36         width: 200px;
37     }
```

```
38     100%{
39         width: 100px;
40     }
41 }
42 .top-content{
43     background-color: #lightgray;
44     width: 90%;
45     margin: 0 auto 20px auto;
46     height: 60px;
47     display: flex;
48     align-items: center;
49     border-radius: 5px;
50     box-shadow: 3px 3px 5px #lightpink;
51 }
52 h3{
53     height: 100%;
54     background-color: #rgb(240, 233, 233);
55     line-height: 60px;
56     padding: 0 50px;
57     color: #black;
58 }
59 label{
60     display: inline-block;
61     height: 100%;
62     margin: 0 20px;
63     line-height: 60px;
64     font-size: 18px;
65     color: #gray;
66     cursor: pointer;
67     transition: color .5s;
68 }
69 label:hover{
70     color: #hsl(0, 0%, 2%);
71 }
72 .photo-gallery{
73     width: 90%;
74     margin: auto;
```

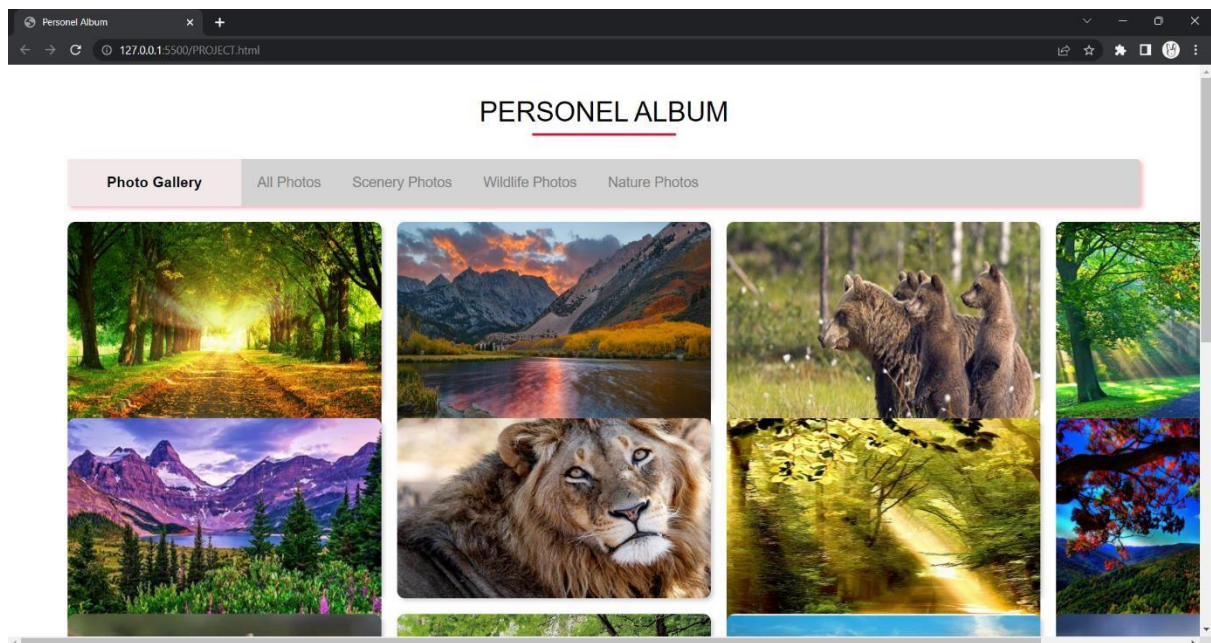


```
75     display: grid;
76     grid-template-columns: repeat(4, 1fr);
77     grid-gap: 20px;
78 }
79
80 .pic{
81     position: relative;
82     height: 230px;
83     border-radius: 10px;
84     box-shadow: 3px 3px 5px lightgray;
85     cursor: pointer;
86     transition: .5s;
87 }
88 .pic img{
89     width: 100%;
90     height: 100%;
91     border-radius: 10px;
92     transition: .5s;
93 }
94 .pic::before{
95     content: "PHOTO GALLERY";
96     position: absolute;
97     top: 50%;
98     left: 50%;
99     transform: translate(-50%, -50%);
100    color: white;
101    font-size: 22px;
102    font-weight: bold;
103    width: 100%;
104    margin-top: -100px;
105    opacity: 0;
106    transition: .3s;
107    transition-delay: .2s;
108    z-index: 1;
109 }
110 .pic::after{
111     content: "";
```

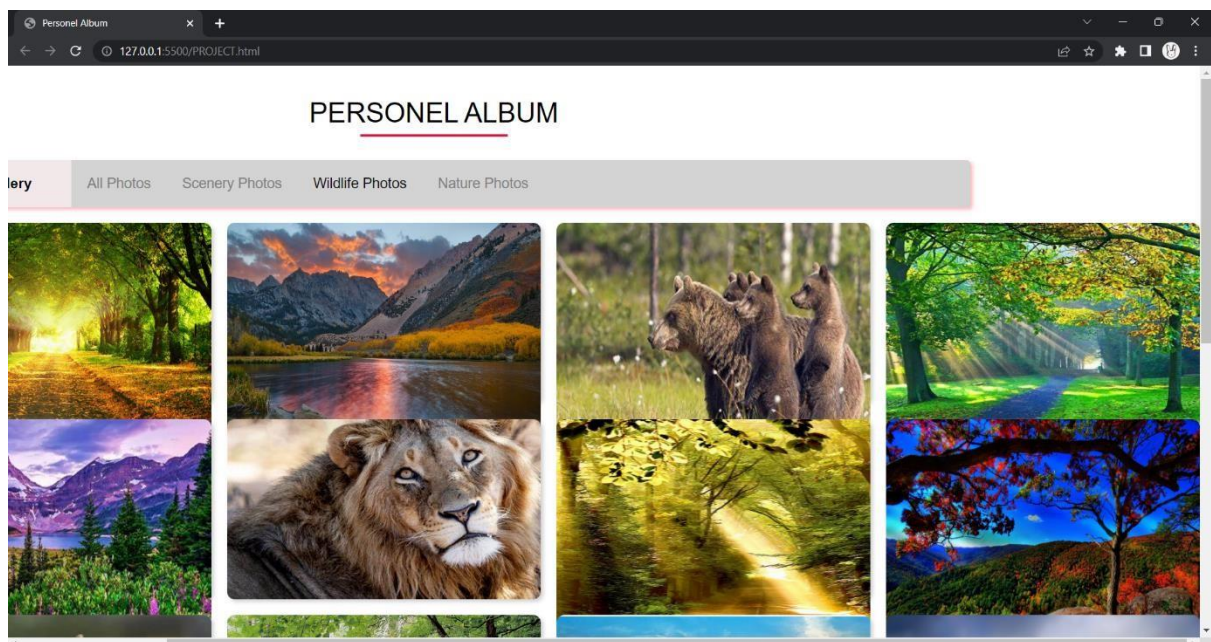
```
110 .pic::after{
111     content: "";
112     position: absolute;
113     width: 100%;
114     bottom: 0;
115     left: 0;
116     border-radius: 10px;
117     height: 0;
118     background-color: rgba(0, 0, 0, .4);
119     transition: .3s;
120 }
121 .pic:hover::after{
122     height: 100%;
123 }
124 .pic:hover::before{
125     margin-top: 0;
126     opacity: 1;
127 }
128 #check1:checked ~ .container .photo-gallery .pic{
129     opacity: 1;
130     transform: scale(1);
131     position: relative;
132     transition: .0s;
133 }
134
135 #check2:checked ~ .container .photo-gallery .Scenery{
136     transform: scale(1);
137     opacity: 1;
138     position: relative;
139     transition: .5s;
140 }
141 #check2:checked ~ .container .photo-gallery .Wildlife,
142 #check2:checked ~ .container .photo-gallery .Nature{
143     opacity: 0;
144     transform: scale(0);
145     position: absolute;
146     transition: .0s;
```

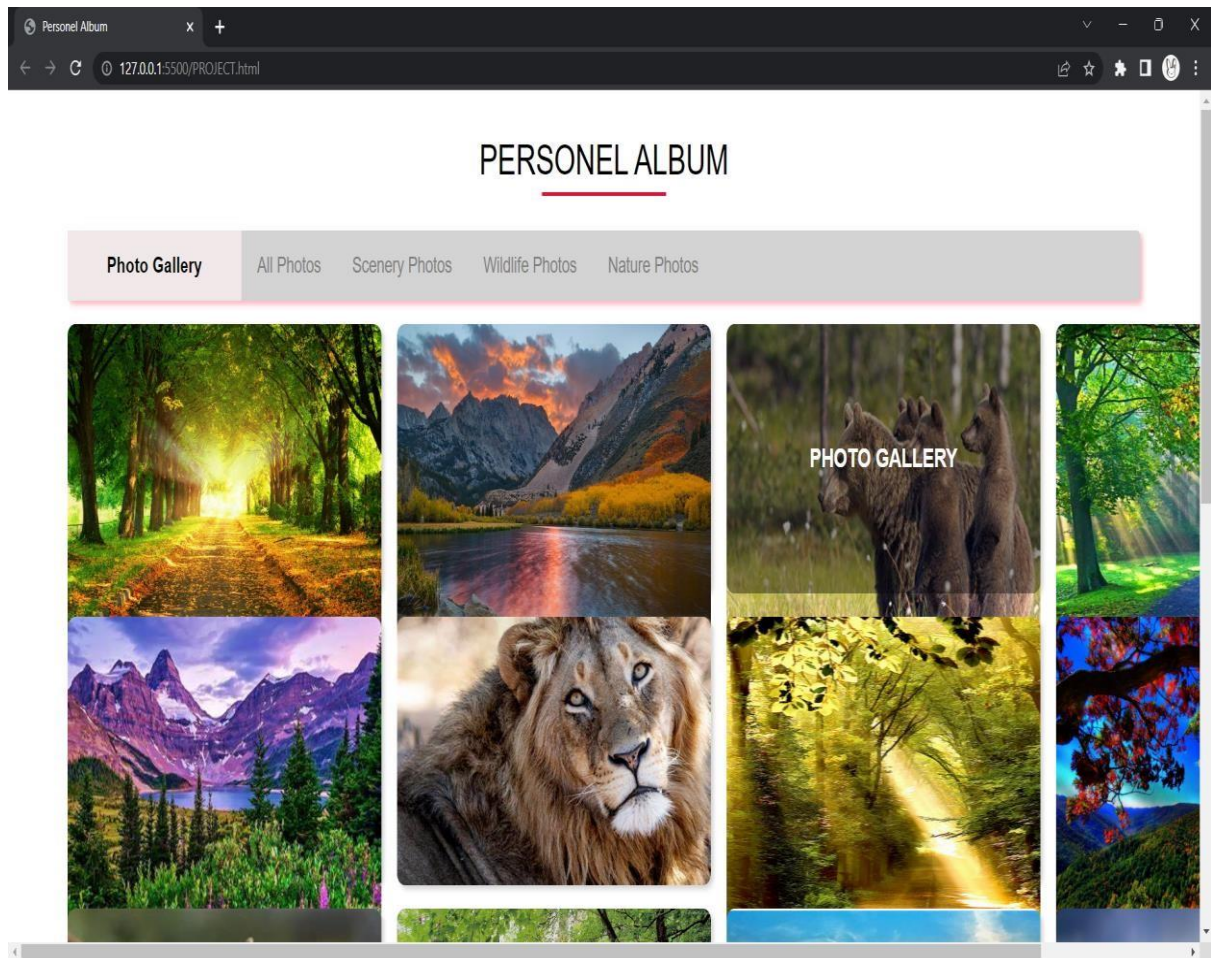
```
146     transition: .0s;
147 }
148 #check3:checked ~ .container .photo-gallery .Wildlife{
149     transform: scale(1);
150     opacity: 1;
151     position: relative;
152     transition: .5s;
153 }
154 #check3:checked ~ .container .photo-gallery .Scenery,
155 #check3:checked ~ .container .photo-gallery .Nature{
156     opacity: 0;
157     transform: scale(0);
158     position: absolute;
159     transition: .0s;
160 }
161 #check4:checked ~ .container .photo-gallery .Nature{
162     transform: scale(1);
163     opacity: 1;
164     position: relative;
165     transition: .5s;
166 }
167 #check4:checked ~ .container .photo-gallery .Scenery,
168 #check4:checked ~ .container .photo-gallery .Wildlife{
169     opacity: 0;
170     transform: scale(0);
171     position: absolute;
172     transition: .0s;
173 }
```

Output view (Website view): -



Showing animations and hovering when we move the cursor to a certain place.





Showing transition when moving the cursor to the pic i.e., content as “Photo Gallery”.

Conclusion

Learned about the application of HTML, CSS while designing the website.

Thank You