Projects/WeatherForecast/index.html

```
 1  <!DOCTYPE html>
 2  <html lang="en">
 3      <head>
 4          <meta charset="UTF-8" />
 5          <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 6          <meta name="license"
 7              content="The wttr.in weather Apache license info is on github at
    https://github.com/chubin/wttr.in" />
 8          <title>Weather Forecast</title>
 9          <style>
10          .clouds{
11
12          fill:#fbfbfc;
13          }
14          input{
15              width:fit-content;
16              height:25px;
17              color:green;
18              background-color: aquamarine;
19
20          }
21          iframe{
22              width:95%;
23              height:750px;
24              border-radius:5%;
25          }
26          button{
27              border-radius:10%;
28              border: 2px solid blue;
29              background-color:aqua;
30              width:fit-content;
31              height:fit-content;
32              padding:5px;
33              margin-left:10%;
34              font-size:larger;
35              font-weight:bold;
36          }
37          span{
38              color:red;
39              font: weight 600px;
40              height:30px;
41              width:fit-content;
42
43          }
44          h1{
45              font-style:italic;
46              margin-top:30px;
```

```
47            margin-bottom:0;
48            padding-bottom:0;
49        }
50        h6{
51            font-style:italic;
52            margin-top:0;
53            padding:0;
54            text-align:center;
55        }
56        body{
57            background-color: rgb(155, 213, 247);
58        }
59    </style>
60    </head>
61    <body>
62        <svg class="clouds" xmlns="http://www.w3.org/2000/svg" viewBox="0 0 64 64"
63            width="100" height="100">
64            <path
65                d="M32 12a12 12 0 0 0-11.66 9.1A10.5 10.5 0 0 0 8 32a10.5 10.5 0 0 0
    10.5 10.5h33A10.5 10.5 0 0 0 62 32a10.5 10.5 0 0 0-10.34-10.9A12 12 0 0 0 32 12z" />
66        </svg>
67        <svg class="sunshine"
68            width="175"
69            height="175"
70            viewBox="0 0 210 297">
71
72            <defs
73                id="defs3052" />
74
75            <path
76                sodipodi:type="star"
77                style="opacity:0.84385;fill:#ffff00;fill-
    opacity:0.92549;stroke:#2feef5;stroke-width:2.12409;stroke-opacity:0.642106"
78                d="M 441.71655,877.9313 372.97782,710.18091 254.65053,847.52668
    287.51654,669.24311 113.71856,720.81316 237.75458,588.60018 63.665545,538.02139
    239.49102,493.85569 120.38296,357.18646 292.17454,415.09034 265.86343,235.72219
    379.0785,377.31157 453.91793,212.19262 472.61151,392.51388 624.84049,294.06823
    543.0775,455.87064 724.3644,455.35409 568.10401,547.26652 720.89153,644.84307
    539.7453,637.68399 615.52448,802.37377 467.00507,698.41612 Z"
79                transform="scale(0.26458333)" />
80            <ellipse
81                style="opacity:1;fill:#f99830;fill-
    opacity:0.92549002;stroke:#2feef5;stroke-width:0.561999;stroke-opacity:0.642106"
82                id="path3161"
83                cx="104.69289"
84                cy="148.27357"
85                rx="41.786987"
86                ry="48.443222" />
87
88        </svg>
```

```
 89
 90          <h1>Weather Forecast</h1>
 91          <h6>weather data from https://wttr.in</h6>
 92          <p>Current local date/time: <div id="time">Date and Time</div></p>
 93
 94          Please enter your city and state <span>here</span>.<br> (Default is
     Aliquippa,
 95          PA but not all locations are available). <span>=></span>
 96          <input type="text" id="city" value="Aliquippa" placeholder="City">
 97          <input type="text" id="state" value="PA" placeholder="State">
 98          <p />
 99          <button id="btn1" onclick="updateWeather();">Get Weather</button>
100          <p />
101          <iframe id="weatherFrame" src="https://wttr.in/aliquippa,pa" width="800"
102              height="400" title="Weather Forecast"></iframe>
103          <script>
104      updateWeather = () => {
105          const city = document.getElementById('city').value;
106          const state = document.getElementById('state').value;
107
108          const iframe = document.getElementById('weatherFrame');
109          iframe.src = `https://wttr.in/${city},${state}`;
110          getDate();
111      }
112      getDate = () => {
113          let dateobj = new Date();
114          let mydate = dateobj.toLocaleDateString();
115          let mytime = dateobj.toLocaleTimeString();
116          document.getElementById("time").innerHTML=` The date is ${mydate} <br/
     > The time is ${mytime}`;
117      }
118      getDate();
119  </script>
120      </body>
121  </html>
```