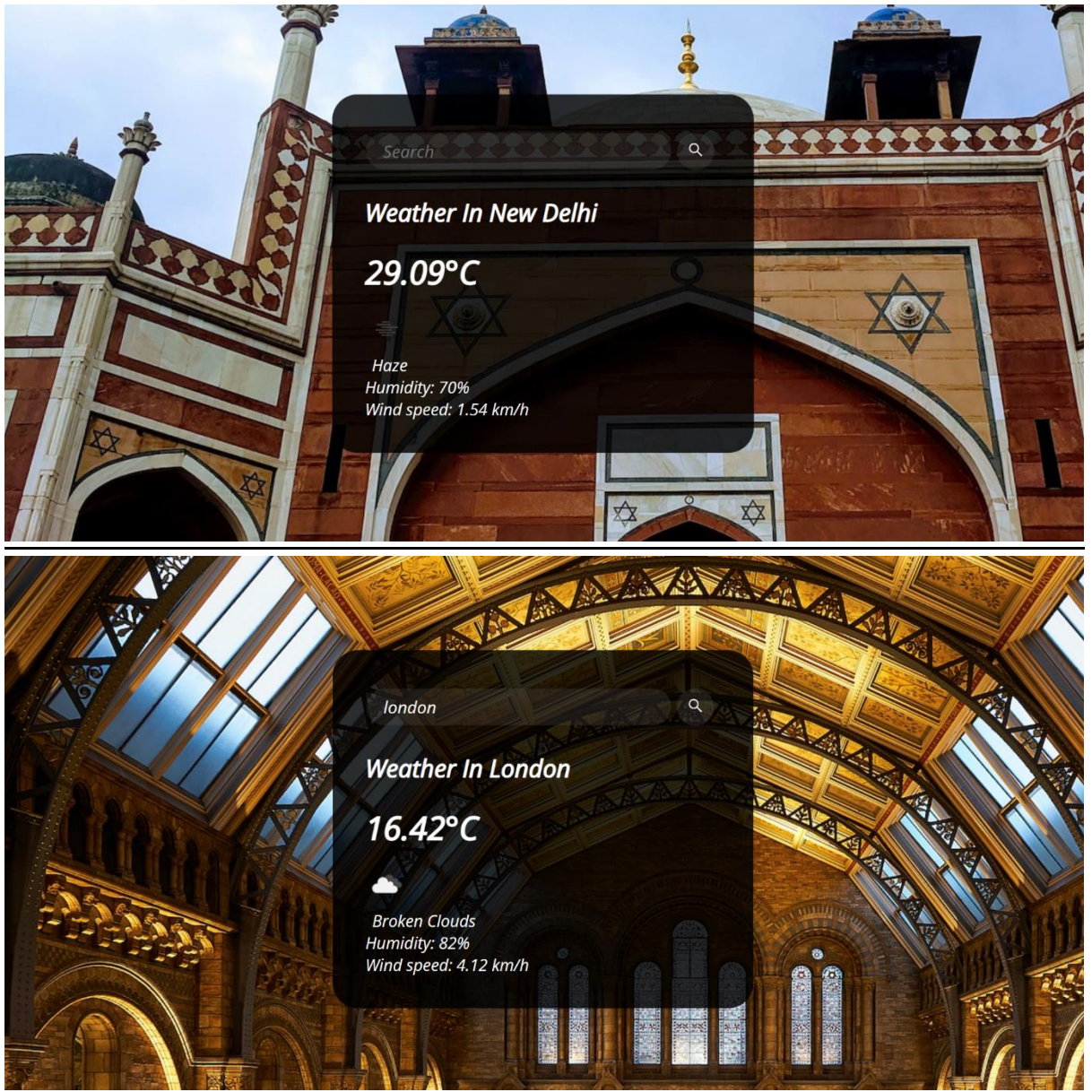


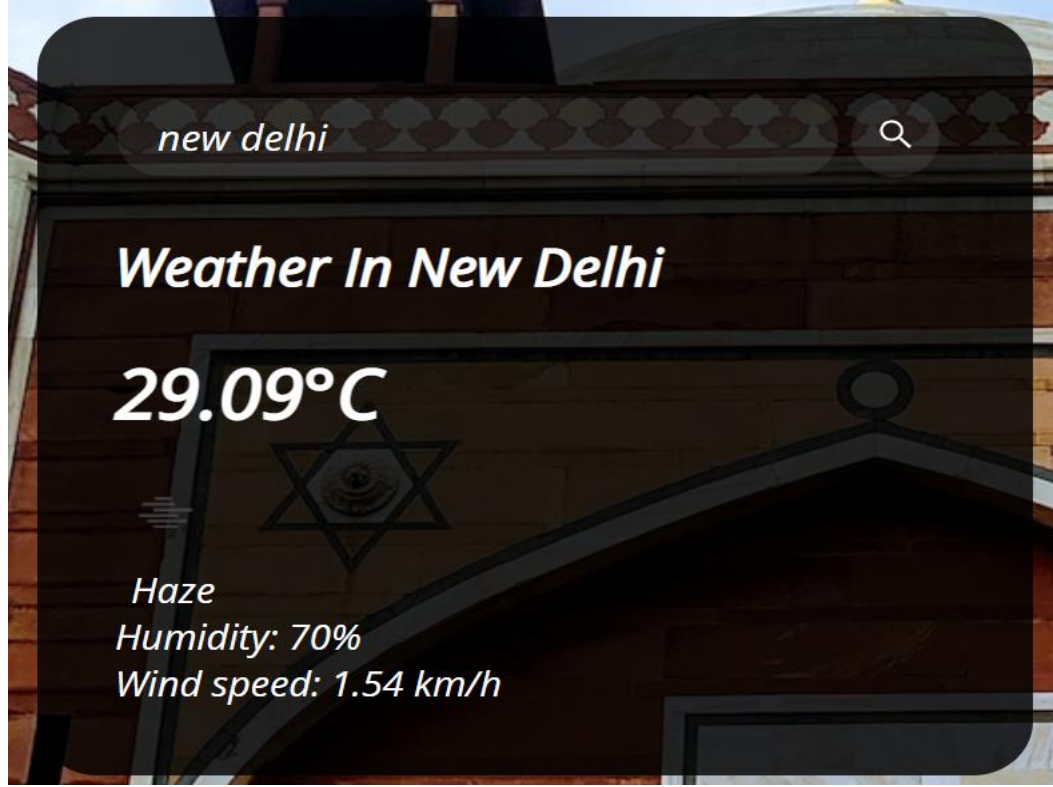
WD-MAJOR-AUGUST-WD-08-MLB1

BY: - ABHAY RAJ

1. The project is made by Abhay Raj, Email - abhayraj2002@hotmail.com of August Batch of Web Development Batch.
2. The links for the GitHub project are: - [GITHUB CODE LINK](#)
3. The link of the hosted site is: - [WEBSITE LINK](#)

SCREENSHOT OF THE PAGE: -





THE SCREEN SHOT FOR THE PAGE AND CODE USED IN MAKING THE PAGE: -

1. HTML CODE: -

```

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>Weather App</title>
8    <link rel="preconnect" href="https://fonts.googleapis.com">
9    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10   <link href="https://fonts.googleapis.com/css2?family=Open+Sans:ital@1&display=swap" rel="stylesheet">
11   <link rel="stylesheet" href="/style.css">
12   <script src="/script.js" defer=></script>
13 </head>
14 <body>
15   <div class="card">
16     <div class="search">
17       <input type="text" class="search-bar" placeholder="Search">
18       <button><svg stroke="currentcolor" fill="currentcolor" stroke-width="0" viewBox="0 0 1024 1024"
19         height="1.5em" width="1.5em" xmlns="http://www.w3.org/2000/svg">
20         <path d="M909.6 854.5L649.9 594.8C690.2 542.7 712 479 712 412c0-88.2-31.3-155.4-87.9-212.1-56.6-56.7-132-87.9-212.1-87.9-88.2 0-155.5 31.3-212.1 87.9C143.2 256.5 112 331.8 112 412c0 88.2 31.3 155.5 87.9 212.1C256.5 680
21         </path>
22       </svg>
23     </button>
24   </div>
25   <div class="weather loading">
26     <div class="city">Weather In Delhi</div>
27     <div class="temp">49°C</div>
28     <div class="flex">
29       
30     </div>
31     <div class="description">Cloudy</div>
32   </div>
33   <div class="humidity">Humidity: 60%</div>
34   <div class="wind">Wind Speed: 5 km/h</div>
35 </div>
36 </body>
37 </html>

```

2. CSS CODE:-

```
style.css > .card
1 body
2 {
3   display: flex;
4   justify-content: center;
5   align-items: center;
6   height: 100;
7   margin: 0;
8   font-family: 'Open Sans', sans-serif;
9   background: #222;
10  background-image: url('https://source.unsplash.com/1600x900/?landscape');
11  font-size: 120%;
12 }
13
14 .card
15 {
16   background: #000000d0;
17   color: white;
18   padding: 2em;
19   border-radius: 30px;
20   width: 100%;
21   max-width: 420px;
22   margin: 1em;
23 }
24
25 .search
26 {
27   display: flex;
28   align-items: center;
29   justify-content: center;
30 }
31
32 button
33 {
34   margin: 0.5em;
35   border-radius: 50%;
36   border: none;
37   height: 44px;
38   width: 44px;
39   outline: none;
40   background: #7c7c7c2b;
41   color: white;
42   cursor: pointer;
43   transition: 0.2s ease-in-out;
44 }
45
46 input.search-bar
47 {
48   border: none;
49   outline: none;
50   padding: 0.4em 1em;
51   border-radius: 24px;
52   background: #7c7c7c2b;
53   color: white;
54   font-family: inherit;
55   font-size: 105%;
56   width: calc(100% - 100px);
57 }
```

```
button:hover
{
  background: #7c7c7c6b;
}

h1.temp
{
  margin: 0;
  margin-bottom: 0.4em;
}

.flex
{
  display: flex;
  align-items: center;
}

.description
{
  text-transform: capitalize;
  margin-left: 8px;
}

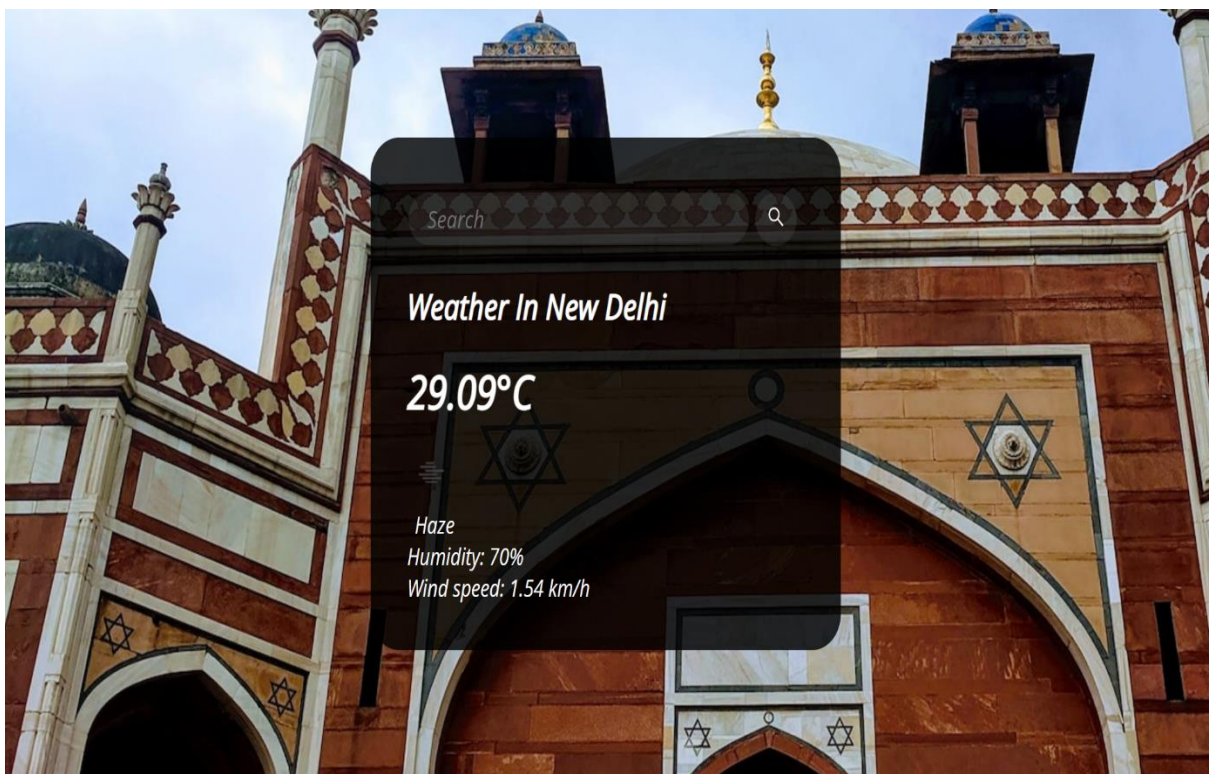
.weather.loading
{
  visibility: hidden;
  max-height: 20px;
  position: relative;
}

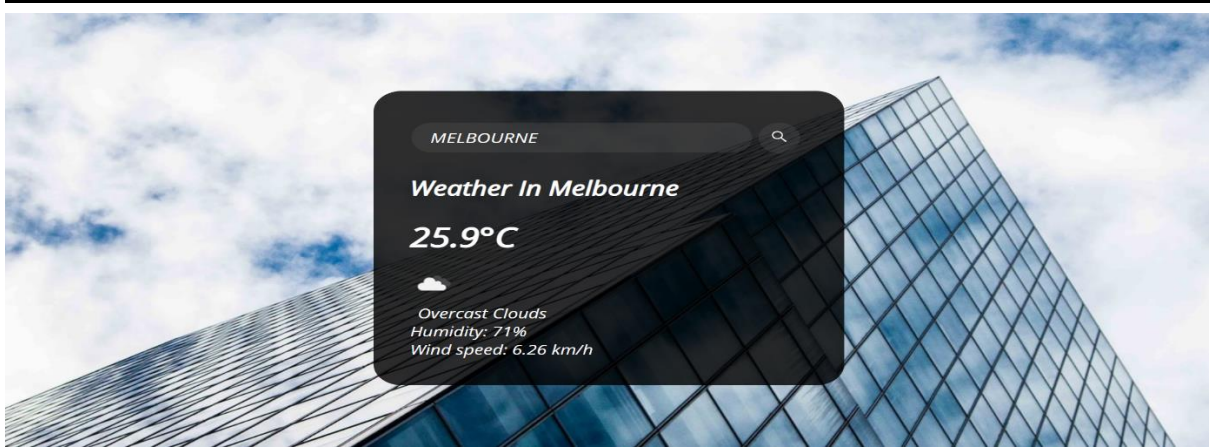
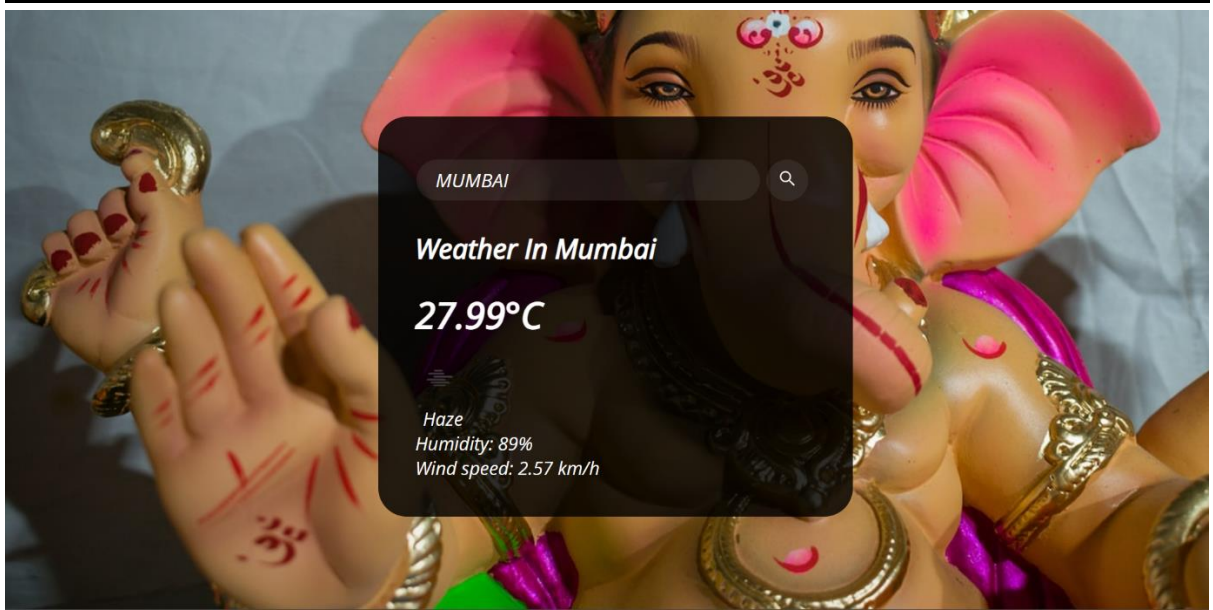
.weather.loading:after
{
  visibility: visible;
  content: "Loading...";
  color: white;
  position: absolute;
  top: 0;
  left: 20px;
}
```


3. JAVASCRIPT CODE: -

```
let weather =  
{  
  apikey:"3941f9d65fe998e9daa963337fa26622",  
  fetchWeather: function (city)  
  {  
    fetch("https://api.openweathermap.org/data/2.5/weather?q=" + city + "&units=metric&APPID=3941f9d65fe998e9daa963337fa26622")  
    .then((response) => response.json())  
    .then((data) => this.displayWeather(data));  
  },  
  displayWeather: function(data)  
  {  
    const { name } = data;  
    const { icon, description } = data.weather[0];  
    const { temp, humidity } = data.main;  
    const { speed } =data.wind;  
    //console.log(name,icon,description,temp,humidity,speed)  
    document.querySelector(".city").innerText = "Weather In " + name;  
    document.querySelector(".icon").src = "https://openweathermap.org/img/wn/" + icon + ".png";  
    document.querySelector(".description").innerText = description;  
    document.querySelector(".temp").innerText = temp + "°C";  
    document.querySelector(".humidity").innerText = "Humidity: " + humidity + "%";  
    document.querySelector(".wind").innerText = "Wind speed: " + speed + " km/h";  
    document.querySelector(".weather").classList.remove("loading");  
    document.body.style.backgroundColor = "url('https://source.unsplash.com/1600x700/?" + name + "')";  
  },  
  search: function()  
  {  
    this.fetchWeather(document.querySelector(".search-bar").value);  
  }  
};  
document.querySelector(".search button").addEventListener("click",function(){  
  weather.search();  
});  
document.querySelector(".search-bar").addEventListener("keyup",function(event){  
  if (event.key == "Enter"){  
    weather.search();  
  }  
});  
weather.fetchWeather("New Delhi");
```

FUNCTIONALITY OF THE CODE: -





THANK YOU
BY: - ABHAY RAJ

