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Output:

Know the

CURRENT WEATHER

Want to know the previous Seven Days weather of any country?

Click me

15°

Wealden

Friday, 05/05/2023, 06:52:46 AM

Sunny

Search locations ...

New York

Indonesia

Tokyo

Weather Details

Cloudy

12%

Humidity

26%

Wind

14km/hr

Pressure

16mbar

Rainfall

8mm

Search locations ...

wealden

May 4, 2023

Temperature: 9°C

Humidity: 81%

Pressure: 996 hPa

Wind Speed: 2 km/h

wealden

May 3, 2023

Temperature: 7°C

Humidity: 72%

Pressure: 985 hPa

Wind Speed: 2 km/h

wealden

May 2, 2023

Temperature: 8°C

Humidity: 74%

Pressure: 981 hPa

Wind Speed: 2 km/h

wealden

May 1, 2023

Temperature: 10°C

Humidity: 68%

Pressure: 977 hPa

Wind Speed: 4 km/h

wealden

April 30, 2023

Temperature: 10°C

Humidity: 94%

Pressure: 987 hPa

Wind Speed: 3 km/h

wealden

April 29, 2023

Temperature: 8°C

Humidity: 92%

Pressure: 1000 hPa

Wind Speed: 3 km/h

wealden

April 28, 2023

Temperature: 8°C

Humidity: 73%

Pressure: 996 hPa

Wind Speed: 2 km/h

Search locations ...

nepal

May 4, 2023

Temperature: 27°C

Humidity: 83%

Pressure: 1008 hPa

Wind Speed: 2 km/h

nepal

May 3, 2023

Temperature: 26°C

Humidity: 84%

Pressure: 1008 hPa

Wind Speed: 3 km/h

nepal

May 2, 2023

Temperature: 26°C

Humidity: 84%

Pressure: 1008 hPa

Wind Speed: 2 km/h

nepal

May 1, 2023

Temperature: 26°C

Humidity: 83%

Pressure: 1007 hPa

Wind Speed: 1 km/h

nepal

April 30, 2023

Temperature: 26°C

Humidity: 82%

Pressure: 1007 hPa

Wind Speed: 1 km/h

nepal

April 29, 2023

Temperature: 25°C

Humidity: 86%

Pressure: 1008 hPa

Wind Speed: 1 km/h

nepal

April 28, 2023

Temperature: 27°C

japan

May 4, 2023

Temperature: 6°C

Humidity: 81%

Pressure: 976 hPa

Wind Speed: 3 km/h

japan

May 3, 2023

Temperature: 4°C

Humidity: 85%

Pressure: 964 hPa

Wind Speed: 3 km/h

japan

May 2, 2023

Temperature: 5°C

Humidity: 82%

Pressure: 960 hPa

Wind Speed: 3 km/h

japan

May 1, 2023

Temperature: 6°C

Humidity: 80%

Pressure: 958 hPa

Wind Speed: 5 km/h

japan

April 30, 2023

Temperature: 9°C

Humidity: 98%

Pressure: 964 hPa

Wind Speed: 5 km/h

japan

April 29, 2023

Temperature: 7°C

Humidity: 98%

Pressure: 976 hPa

Wind Speed: 6 km/h

japan

April 28, 2023

Temperature: 7°C

Humidity: 87%

Script:

Server: 127.0.0.1 » Database: weather_app » Table: weather_data

Browse Structure SQL Search Insert Export Import Privile

| | | | | id | city | date | temp | humidity | pressure | wind_speed |
|--------------------------|------|------|--------|-----|---------|------------|------|----------|----------|------------|
| <input type="checkbox"/> | Edit | Copy | Delete | 345 | wealden | 2023-05-04 | 9 | 81 | 996 | 2 |
| <input type="checkbox"/> | Edit | Copy | Delete | 346 | wealden | 2023-05-02 | 8 | 74 | 981 | 2 |
| <input type="checkbox"/> | Edit | Copy | Delete | 347 | wealden | 2023-04-29 | 8 | 92 | 1000 | 3 |
| <input type="checkbox"/> | Edit | Copy | Delete | 348 | wealden | 2023-05-01 | 10 | 68 | 977 | 4 |
| <input type="checkbox"/> | Edit | Copy | Delete | 349 | wealden | 2023-04-28 | 8 | 77 | 1007 | 2 |
| <input type="checkbox"/> | Edit | Copy | Delete | 350 | wealden | 2023-04-30 | 10 | 94 | 987 | 3 |
| <input type="checkbox"/> | Edit | Copy | Delete | 351 | wealden | 2023-05-03 | 7 | 72 | 985 | 2 |
| <input type="checkbox"/> | Edit | Copy | Delete | 366 | canada | 2023-04-29 | 21 | 28 | 813 | 3 |
| <input type="checkbox"/> | Edit | Copy | Delete | 367 | canada | 2023-05-03 | 21 | 24 | 798 | 2 |
| <input type="checkbox"/> | Edit | Copy | Delete | 368 | canada | 2023-05-01 | 20 | 30 | 800 | 3 |
| <input type="checkbox"/> | Edit | Copy | Delete | 369 | canada | 2023-05-02 | 22 | 18 | 802 | 3 |
| <input type="checkbox"/> | Edit | Copy | Delete | 370 | canada | 2023-05-04 | 22 | 35 | 800 | 2 |
| <input type="checkbox"/> | Edit | Copy | Delete | 371 | canada | 2023-04-30 | 19 | 39 | 803 | 4 |
| <input type="checkbox"/> | Edit | Copy | Delete | 372 | canada | 2023-04-28 | 22 | 24 | 814 | 3 |
| <input type="checkbox"/> | Edit | Copy | Delete | 387 | india | 2023-04-30 | 14 | 73 | 1005 | 2 |
| <input type="checkbox"/> | Edit | Copy | Delete | 388 | india | 2023-04-28 | 10 | 59 | 1011 | 1 |
| <input type="checkbox"/> | Edit | Copy | Delete | 389 | india | 2023-05-01 | 15 | 69 | 1007 | 2 |
| <input type="checkbox"/> | Edit | Copy | Delete | 390 | india | 2023-05-02 | 18 | 51 | 1006 | 5 |
| <input type="checkbox"/> | Edit | Copy | Delete | 391 | india | 2023-05-04 | 14 | 76 | 1011 | 2 |
| <input type="checkbox"/> | Edit | Copy | Delete | 392 | india | 2023-05-03 | 15 | 56 | 1009 | 4 |

Server: 127.0.0.1 » Database: weather_app » Table: weather_data

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

1 > >> ☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

| | | | | id | city | date | temp | humidity | pressure | wind_speed |
|--------------------------|------|------|--------|-----|--------|------------|------|----------|----------|------------|
| <input type="checkbox"/> | Edit | Copy | Delete | 121 | turkey | 2023-04-27 | 14 | 64 | 943 | 4 |
| <input type="checkbox"/> | Edit | Copy | Delete | 122 | turkey | 2023-04-28 | 10 | 80 | 944 | 6 |
| <input type="checkbox"/> | Edit | Copy | Delete | 123 | turkey | 2023-04-29 | 15 | 47 | 948 | 5 |
| <input type="checkbox"/> | Edit | Copy | Delete | 124 | turkey | 2023-04-30 | 18 | 36 | 944 | 4 |
| <input type="checkbox"/> | Edit | Copy | Delete | 125 | turkey | 2023-05-01 | 16 | 40 | 945 | 3 |
| <input type="checkbox"/> | Edit | Copy | Delete | 126 | turkey | 2023-05-02 | 18 | 52 | 946 | 3 |
| <input type="checkbox"/> | Edit | Copy | Delete | 127 | turkey | 2023-05-03 | 19 | 61 | 947 | 4 |

| | | | | | | | | | | |
|--------------------------|--|--|--|-----|---------|------------|----|----|------|---|
| <input type="checkbox"/> |  Edit |  Copy |  Delete | 472 | wealden | 2023-05-02 | 8 | 74 | 981 | 2 |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | 473 | wealden | 2023-04-29 | 8 | 92 | 1000 | 3 |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | 474 | wealden | 2023-05-01 | 10 | 68 | 977 | 4 |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | 475 | wealden | 2023-04-28 | 8 | 77 | 1007 | 2 |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | 476 | wealden | 2023-04-30 | 10 | 94 | 987 | 3 |
| <input type="checkbox"/> |  Edit |  Copy |  Delete | 477 | wealden | 2023-05-03 | 7 | 72 | 985 | 2 |

Structure:

Server: 127.0.0.1 » Database: weather_app » Table: weather_data

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Triggers](#)

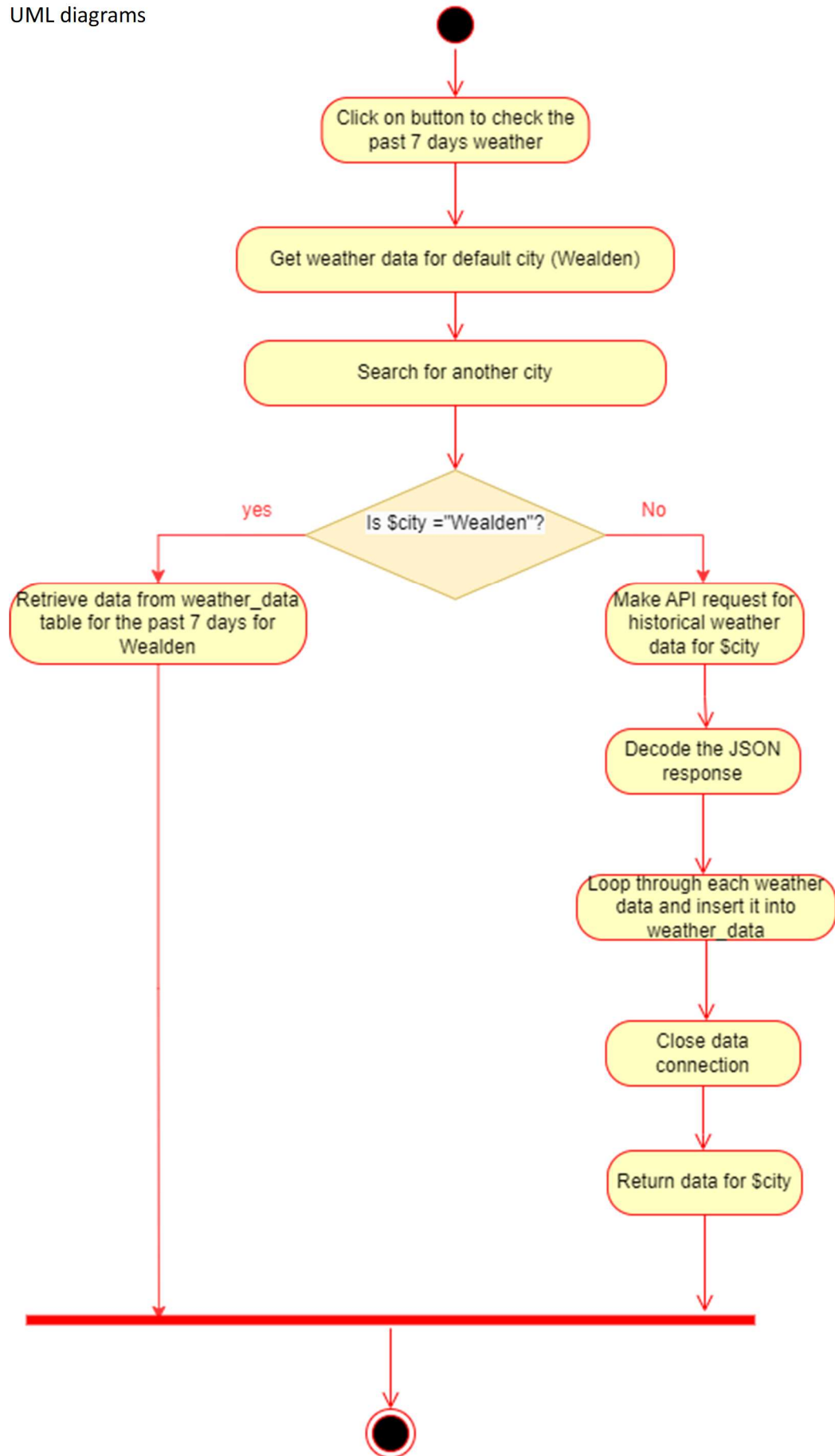
[Table structure](#)
[Relation view](#)

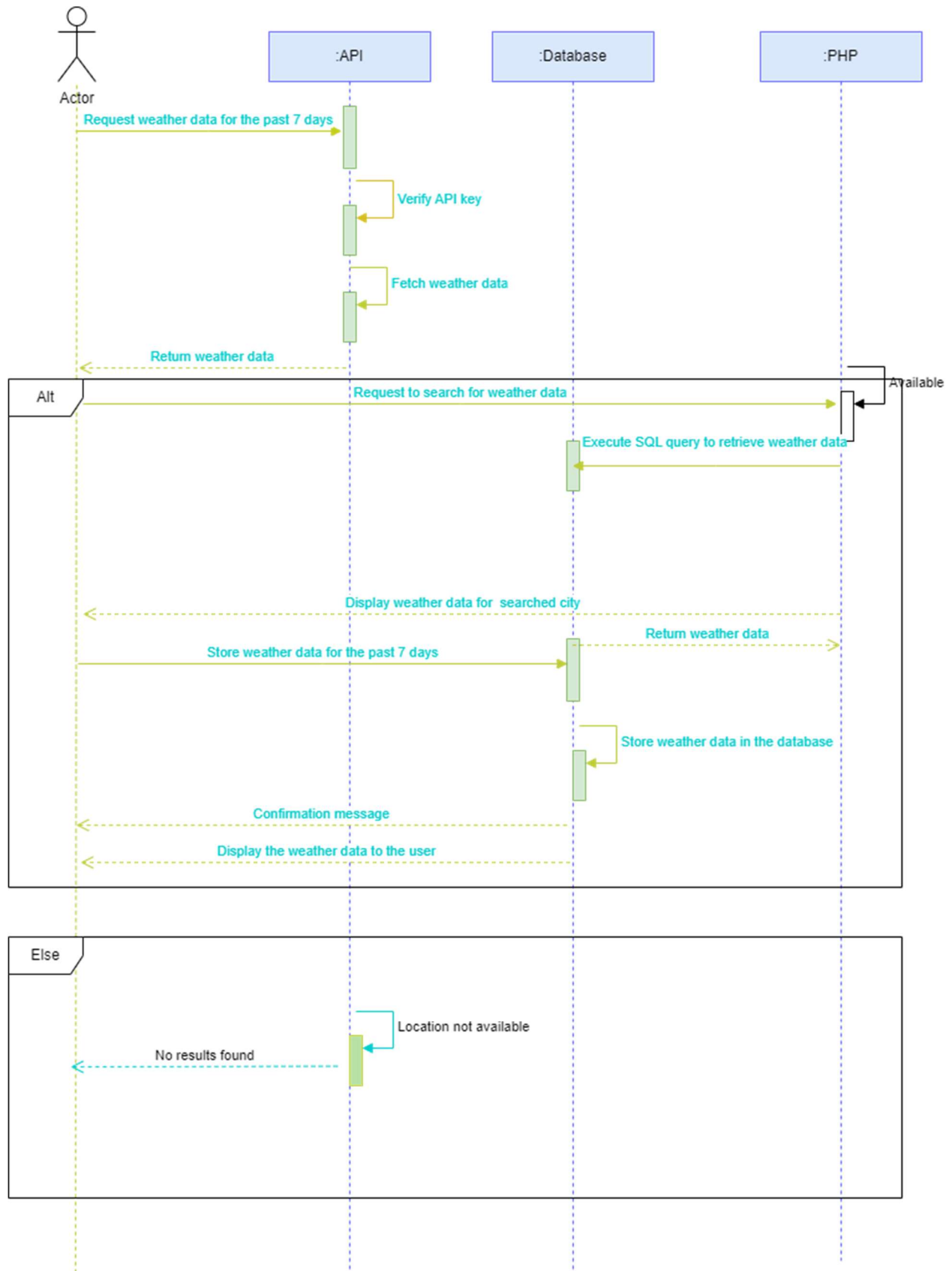
| | # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra | Action |
|--------------------------|---|------------|--------------|--------------------|------------|------|---------|----------|----------------|--------------------|
| <input type="checkbox"/> | 1 | id | int(11) | | | No | None | | AUTO_INCREMENT | Change Drop More |
| <input type="checkbox"/> | 2 | city | varchar(255) | utf8mb4_general_ci | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 3 | date | date | | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 4 | temp | float | | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 5 | humidity | float | | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 6 | pressure | float | | | No | None | | | Change Drop More |
| <input type="checkbox"/> | 7 | wind_speed | float | | | No | None | | | Change Drop More |

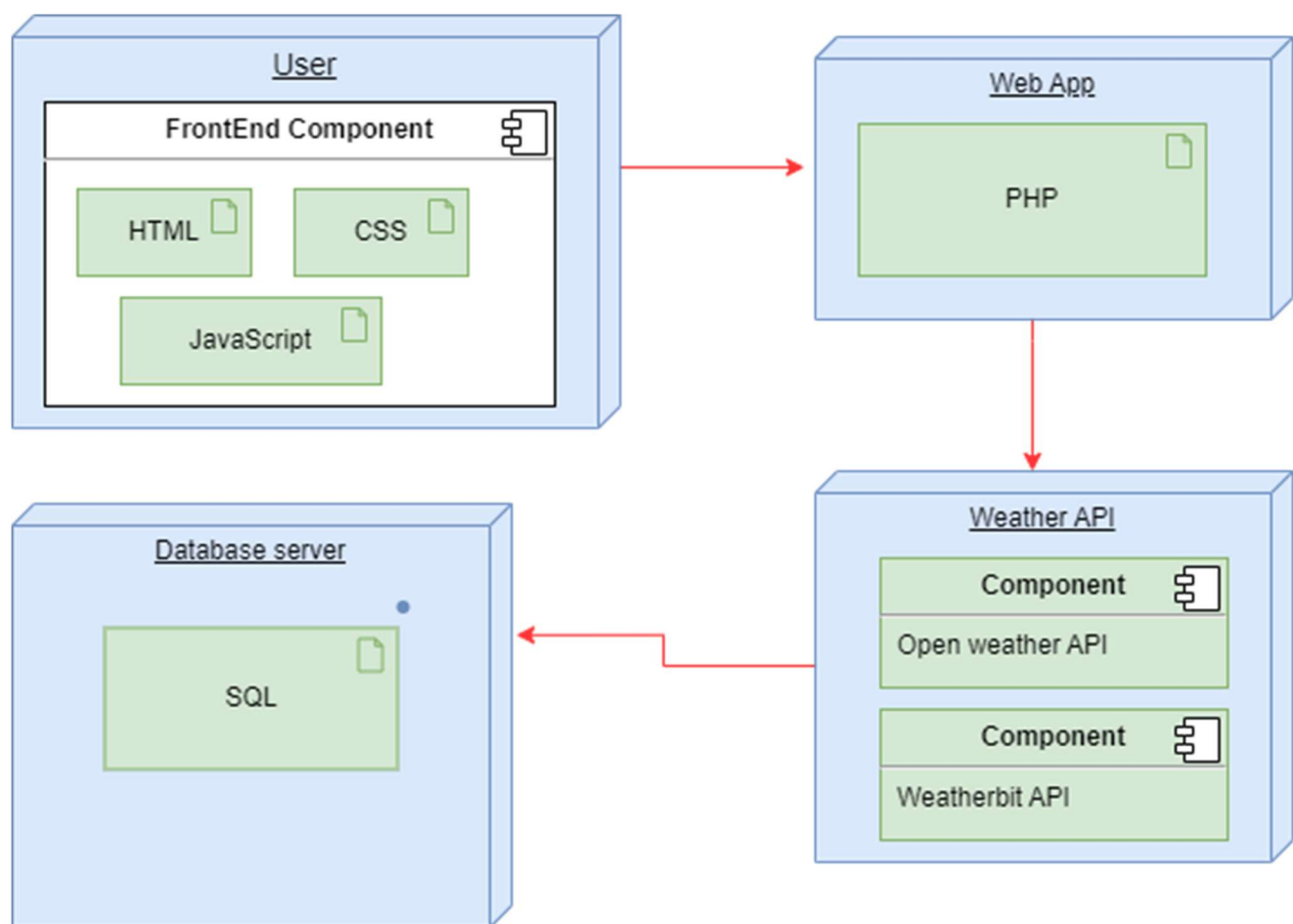
☐ Check all
 With selected:
 [Browse](#)
 Change
 Drop
 Primary
 Unique
 Index
 Spatial
 Fulltext

[Print](#)
[Propose table structure](#)
[Move columns](#)
[Normalize](#)

UML diagrams







Code for php:

Index(2332330).php

```
index(2332330).php U X  shrisha2332330.php U  ShrishaTuladhar_2332330(doc).pdf  JS ShrishaTuladhar_2332330

index(2332330).php
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Weather Forecast</title>
5      <link rel="stylesheet" href="https://unpkg.com/boxicons@latest/css/boxicons.min.css">
6  <style>
7
8      body {
9          background-image: url('https://source.unsplash.com/1600x900/?bluesky');
10         background-size: cover;
11     }
12
13     .card {
14         box-shadow: 0 2px 8px rgba(0, 0, 0, 0.3);
15         transition: 0.3s;
16         width: 30%;
17         margin: 10px;
18         border-radius: 10px;
19         background-color: #ffffff;
20         display: inline-block;
21         vertical-align: top;
22         text-align: center;
23         margin-top: 70px;
24     }
25
26
27     .card:hover {
28         box-shadow: 0 4px 16px rgba(0, 0, 0, 0.3);
29         transform: translateY(-5px);
30     }
31
32     .container {
33         padding: 20px;
34     }
35
36     .city {
37         font-size: 28px;
38         font-weight: bold;
39         margin-bottom: 10px;
```



```
40     color: #263A47;
41 }
42
43 .weather-data {
44     margin-bottom: 10px;
45 }
46
47 .weather-data p {
48     margin: 0;
49     font-size: 18px;
50     color: #728495;
51     line-height: 1.5;
52 }
53
54 .date {
55     font-size: 16px;
56     color: #728495;
57     line-height: 1.5;
58 }
59
60 .card-row {
61     margin-bottom: 30px;
62     overflow: auto;
63     white-space: nowrap;
64 }
65
66 .search-box {
67     position: absolute;
68     top: 20px;
69     right: 20px;
70 }
71 }
72
73 label {
74     font-size: 20px;
75     color: #333;
76 }
77
78 input[type="text"] {
```

```
index(2332330).php U • shrisha2332330.php U ShrishiTuladhar_2332330(doc).pdf JS ShrishiTuladhar_2332330.js M ShrishiTuladhar_2332330.css
index(2332330).php
78   input[type="text"] {
79     padding: 10px;
80     font-size: 18px;
81     border: none;
82     border-radius: 5px;
83     box-shadow: 0 2px 8px rgba(0, 0, 0, 0.3);
84   }
85
86   button[type="submit"] {
87     padding: 10px 20px;
88     background-color: #728495;
89     color: white;
90     border: none;
91     border-radius: 5px;
92     font-size: 18px;
93     box-shadow: 0 2px 8px rgba(0, 0, 0, 0.3);
94     cursor: pointer;
95   }
96   button[type="submit"]:hover {
97     background-color: #263A47;
98   }
99 </style>
100 </head>
101 <body>
102 <div class="search-box">
103 <form id="locationInput" action="shrisha2332330.php" method="post">
104   <input type="text" class="search" placeholder="Search locations ..." name="searchQuery" id="searchQuery"/>
105   <button type="submit" class="submit" name="search">
106     <i class='bx bx-search-alt-2'></i>
107   </button>
108 </form>
109 </div>
110 <!--php-->
111 <?php
112 include 'shrisha2332330.php';
113 ?>
114 </body>
115 </html>
116
```

Shrisha2332330.php

```
index(2332330).php U • shrisha2332330.php U X ShrishaTuladhar_2332330(doc).pdf JS ShrishaTuladhar_2332330.js M ShrishaTuladhar_2332330.html M
shrisha2332330.php
1 <?php
2 // Database configuration
3 $hostname = "localhost"; // MySQL server hostname
4 $username = "root"; // MySQL username
5 $password = ""; // MySQL password
6 $dbname = "weather_app"; // MySQL database name
7
8 // Create a new MySQL connection
9 $conn = new mysqli($hostname, $username, $password, $dbname);
10
11 // Check if the MySQL connection was successful
12 if ($conn->connect_error) {
13     die("Connection failed: " . $conn->connect_error);
14 }
15
16 // Function to retrieve weather data for a city using the Weatherbit API and store it in the database
17 function getWeatherDatas($city, $api_key, $conn) {
18     // Check if the MySQL connection is valid
19     if (!$conn) {
20         die("Connection failed: " . mysqli_connect_error());
21     }
22
23     // Delete any existing weather data for the searched city
24     $stmt = $conn->prepare("DELETE FROM weather_data WHERE city = ?");
25     $stmt->bind_param("s", $city);
26     $stmt->execute();
27
28     // Define the start and end dates for the API request (7 days ago until today)
29     $start_date = date("Y-m-d", strtotime("-7 days"));
30     $end_date = date("Y-m-d");
31
32     // Construct the API request URL using the provided city and API key
33     $url = "https://api.weatherbit.io/v2.0/history/daily?city=" . $city . "&start_date=" . $start_date . "&end_date=" . $end_date . "&key=" . $api_key;
34
35     // Use cURL to make the API request
36     $ch = curl_init();
37     curl_setopt($ch, CURLOPT_URL, $url);
38     curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
39     $result = curl_exec($ch);
40 }
```

```

41 // Check if the API request was successful
42 if ($result === false) {
43     die("Curl error: " . curl_error($ch));
44 }
45
46 // Parse the JSON response from the API into a PHP array
47 $data = json_decode($result, true);
48
49 // Prepare a MySQL statement to insert the weather data into the database
50 $stmt = $conn->prepare("INSERT INTO weather_data (city, date, temp, humidity, pressure, wind_speed) VALUES (?, ?, ?, ?, ?, ?)");
51
52 // Loop through each day in the API response and insert its weather data into the database
53 foreach ($data["data"] as $day) {
54     $date = $day["datetime"];
55     $temp = $day["temp"];
56     $humidity = $day["rh"];
57     $pressure = $day["pres"];
58     $wind_speed = $day["wind_spd"];
59
60     $stmt->bind_param("ssiiii", $city, $date, $temp, $humidity, $pressure, $wind_speed);
61     $stmt->execute();
62 }
63
64 // Close the MySQL statement and cURL connection
65 $stmt->close();
66 curl_close($ch);
67 }
68
69
70 // Check if a city was submitted via the search form
71 $city = "";
72 if (isset($_POST['search'])) {
73     $city = $_POST['searchQuery'];
74     $api_key = "beab4338ffda4e809d50296a8dab6f7b"; // Weatherbit API key
75
76     // Call the getWeatherData function to retrieve the weather data for the searched city and store it in the database
77     getWeatherData($city, $api_key, $conn);
78
79     // Update the $sql query to retrieve data for the searched city instead of Wealden

```

```

75
76 // Call the getWeatherData function to retrieve the weather data for the searched city and store it in the database
77 getWeatherDatas($city, $api_key, $conn);
78
79 // Update the $sql query to retrieve data for the searched city instead of Wealden
80 $sql = "SELECT * FROM weather_data WHERE city='" . $city . "' AND date >= DATE(NOW()) - INTERVAL 7 DAY ORDER BY date DESC";
81 } else {
82     $sql = "SELECT * FROM weather_data WHERE city='Wealden' AND date >= DATE(NOW()) - INTERVAL 7 DAY ORDER BY date DESC";
83 }
84
85 $result = mysqli_query($conn, $sql);
86
87 // Display the weather data on the webpage
88 if ($result->num_rows > 0) {
89     while($row = mysqli_fetch_assoc($result)) {
90         echo "<div class='card'>";
91         echo "<div class='container'>";
92         echo "<div class='city'>" . $row["city"] . "</div>";
93         echo "<div class='date'>" . date("F j, Y", strtotime($row["date"])) . "</div>";
94         echo "<div class='weather-data'>";
95         echo "<p>Temperature: " . $row["temp"] . "°C</p>";
96         echo "<p>Humidity: " . $row["humidity"] . "%</p>";
97         echo "<p>Pressure: " . $row["pressure"] . " hPa</p>";
98         echo "<p>Wind Speed: " . $row["wind_speed"] . " km/h</p>";
99         echo "</div>";
100        echo "</div>";
101        echo "</div>";
102    }
103 } else {
104     echo "No results found.";
105 }
106
107
108 include 'index(2332330).php';
109 $conn->close();
110
111
112 ?>
113

```