Walkthrough of Weatherly 🌦️
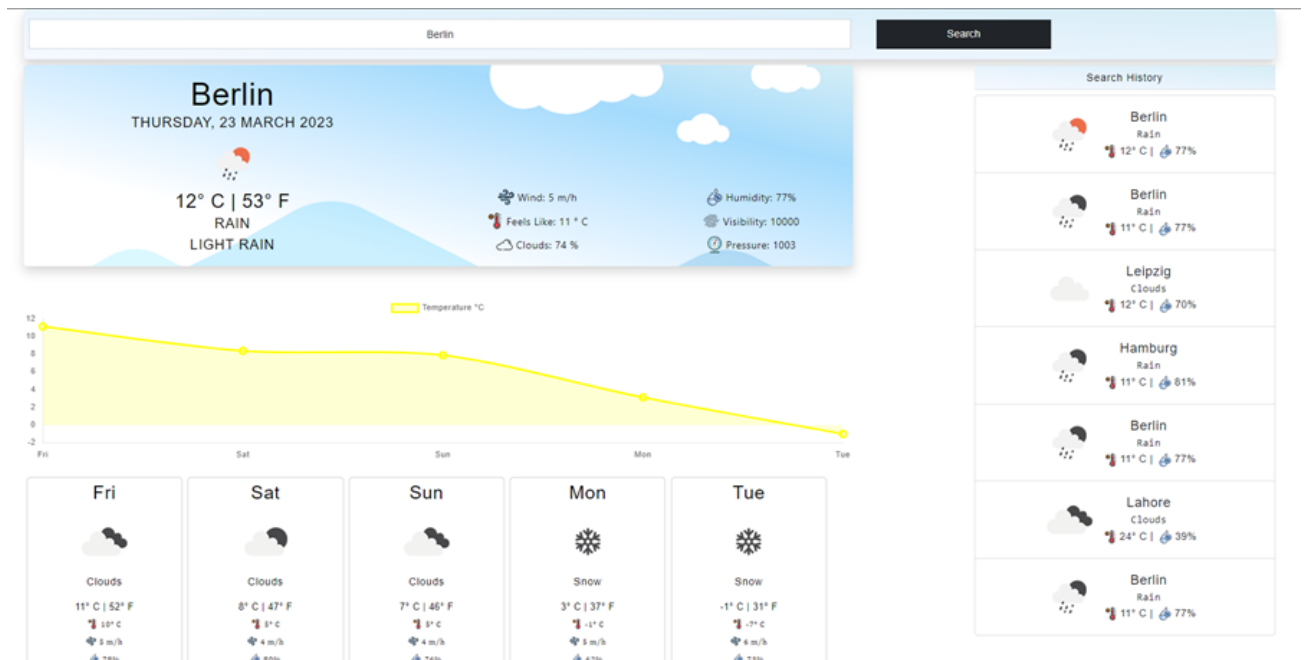
This documents demonstrates the implementation and features of weatherly app.

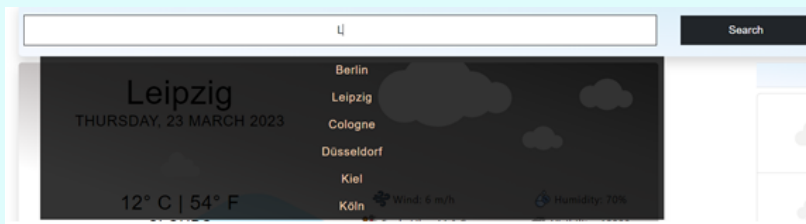Here are the features of weatherly:

Features at a glance

- Search Bar with suggestions and auto-complete
- Demonstrate Today's Weather
- Displays Next 5 days Weather Forecast (Graphical + Cards)
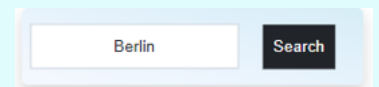- Maintains User Search History

1. Search Bar with suggestions

User can write start writing and get autocomplete suggestions from weatherly!

For desktop users
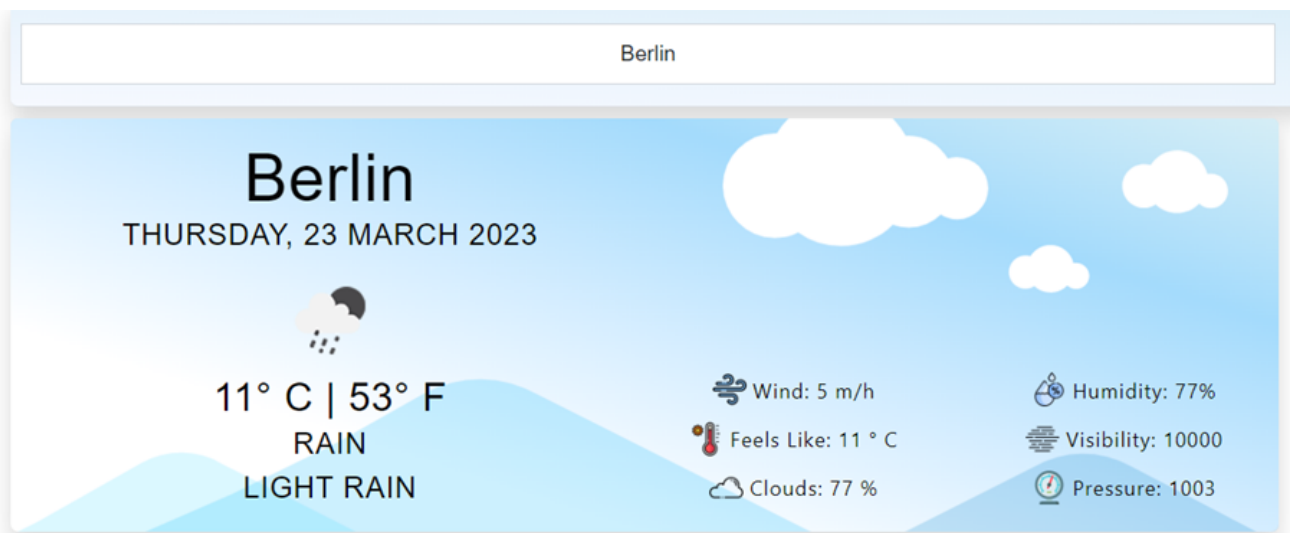

For Mobile Users

Click on the suggested results or search button refreshes the weather data for a specific city.

2. Today's weather forecast

Users can see todays weather forecast which includes:

- Temperature in Centigrade
- Temperature in Fahrenheit
- Average Wind
- Average Humidity
- Average Feels like
- Average of Clouds cover
- Average of pressure
- Average Visibility

For Clear Weather!

Berlin

Berlin
THURSDAY, 23 MARCH 2023

11° C | 53° F
RAIN
LIGHT RAIN

Wind: 5 m/h
Feels Like: 11 ° C
Clouds: 77 %

Humidity: 77%
Visibility: 10000
Pressure: 1003

For Cloudy Weather! (if Clouds > 80 %)

Leipzig

Leipzig
THURSDAY, 23 MARCH 2023

12° C | 54° F
CLOUDS
SCATTERED CLOUDS

Wind: 6 m/h   Humidity: 70%
Feels Like: 11 ° C   Visibility: 10000
Clouds: 84 %   Pressure: 1007

Clear Weather

Berlin   Search

Berlin
THURSDAY, 23 MARCH 2023

12° C | 53° F
RAIN
LIGHT RAIN

Wind: 5 m/h
Humidity: 77%
Feels Like: 11 ° C
Visibility: 10000
Clouds: 74 %
Pressure: 1003

Cloudy Weather

Berlin   Search

Berlin
THURSDAY, 23 MARCH 2023

12° C | 53° F
RAIN
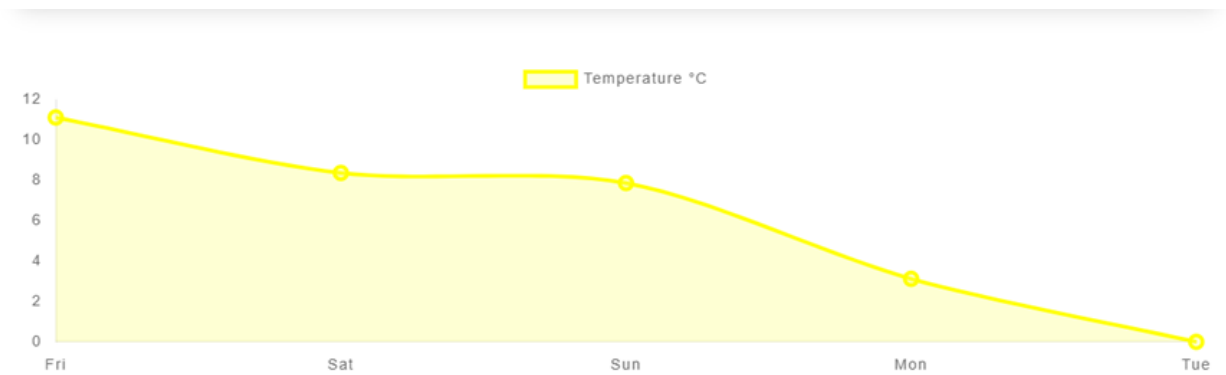LIGHT RAIN

Wind: 5 m/h
Humidity: 77%
Feels Like: 11 ° C
Visibility: 10000
Clouds: 81 %
Pressure: 1003

3. Future 5 days weather forecast

User can have a look at future forecast of 5 days as shown below.

- Graphical representation
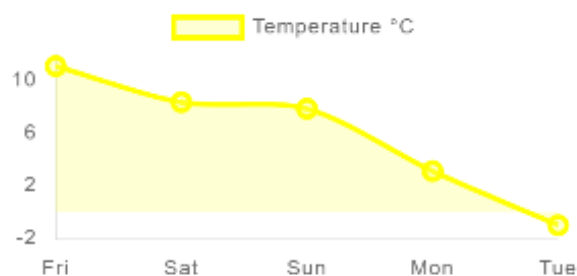- Cards representation

Graphical Representation!

Cards Representation!

Fri	Sat	Sun	Mon	Tue
Clouds	Clouds	Clouds	Snow	Snow
11° C | 52° F	8° C | 47° F	7° C | 46° F	3° C | 37° F	0° C | 32° F
10° C	5° C	5° C	-1° C	-6° C
5 m/h	4 m/h	4 m/h	5 m/h	6 m/h
78%	80%	76%	62%	72%

10

6

2

-2

Fri   Sat   Sun   Mon   Tue

Fri

Clouds

11° C | 52° F

🌡️ 10° C

💨 5 m/h

💧 78%

Sat

4. History of searched weather forecast

Weatherly caches user search history in the browser!

Search History

Berlin
Rain
🌡️ 11° C | 💧 77%

Leipzig
Clouds
🌡️ 12° C | 💧 70%

Hamburg
Rain
🌡️ 11° C | 💧 81%

Berlin
Rain
🌡️ 11° C | 💧 77%

Application front-end Design!

Weatherly is based on a parent component and several child components as shown below: