WeatherFriendly

# **Our Hackathon project**

Hi,

We have made an elegant yet simple website that can fetch you the weather (and lots more…) in no time!

Our goal from the start was to make a functional yet easy-to-use website that works across browsers flawlessly.

WeatherFriendly goes by the name… it is awesomely user-friendly.

Features —

You can obtain the weather & climate of any location by simply putting the location’s name on our search bar.

Not only does it provide weather, but it also provides the scenic beauty of the location and additional information,

World time – Provides current location time and input location time

Weather icon – Indicates the summary of the weather

Wind speed – Tells the speed of wind in the location

The outer box displays the image based on the weather condition providing more in-depth information.

Search bar – Seamless design that improves user experience. Gives different error messages when input is not given or is incorrect. Simple search by pressing the enter key. Animation changes on hover to make it user-friendly.

Background-image of the page changes on location.

What we have done —

In HTML

* Added header class
* Favicon inserted
* Added search button class
* Created container (outer box) to contain box1 (inner box)
* Added weather icon id
* Created contents of box1
* Added loader class

In CSS

* Google font imported
* Body adjusted to the middle, contents styled, background blurred
* Logo sized
* Header position change & styled
* Flex container position change, background change & styled
* Box1 adjusted, background changed & styled
* Box1 information styled
* Weather icon size adjusted
* Button and search-bar styled and adjusted
* Search-bar animated
* Bottom text styled (not in use)
* Loader styled, animated & adjusted

In JS

* Displays the weather details on the website
* Displays time on the website
* Sends requests for data like time, weather details, weather icon, background (unsplash used)
* makes sure upon search the textbox is not blank or contains invalid location

Third Party elements used in code

* OpenWeatherMap.org (for weather details)
* Unsplash (for background images)
* Google Fonts (for importing new font)
* Ajax
* Google API
* jQuery
* timezonedb.com (for getting time information according to the location)

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Design is inspired by references provided. Copied content has been cited. Cited file: citations.txt