

Weather Application

The application was done using Visual Studio Code platform. With the web application you can search for any locations weather by just one click. The application is responsive and can be used on both desktop and mobile environment. Application also works on Firefox, Safari, Edge and Chrome. Application should have clear directory structure and everything is organized well.

About the features of the app. Users can search for locations by writing the desired location to the search input and clicking the search button. The application shows the weather of the desired location for the searching time, and for five next days (five because I couldn't find any free weather API's that provide weather for next seven days). User can also use his/hers own current location and get weather information by just clicking the use your location button. All the weather forecast elements use icons and numbers straight from openweathermap. User can choose between celsius or fahrenheit before searching for locations. The look and feel of the app changes depending on if its warm-mid-cold and depending if its day or night. User can also add favorite locations and manage the favorite list from the bottom of the page. User can also do the search via favoritelist. The app basically uses three Apis or data providers, but everything comes from openweathermap. Openweathermap provides the current weather, weather for the next 5 days, weather icon depending on the weather and user's geolocation.

Declaration of AI use:

AI used for the project: Chat gpt

Where it has been used: To get the feeling of the app to change depending on the weather and the time, also helped to get the favorites list to work correctly. Also used to help find simple typos.

Points suggestion from the course project

Feature	Max points
Well written PDF report	3
Application is responsive and can be used on both desktop and mobile environment	4

Application works on Firefox, Safari, Edge and Chrome	3
The application has clear directory structure and everything is organized well	2
Features	Max points
User can search for locations	1
User can use his/her location GPS-coordinates (Geolocation API)	2
At least two data/forecast providers are used, openweathermap- three different ways	3
At least three data/forecast providers are used, openweathermap- three different ways	2
User sees the current weather at a specific location	1
User sees the forecast for the next 5 days (It should have been 7 days, but couldn't find free Apis that provide 7 days.	2,5
All the weather forecast elements uses icons (and numbers) for e.g. sunny and cloudy weathers	3
The look and feel of the application reflects the current weather (e.g. it is blueish, when it is cold; reddish, when it is hot;, dark, when it is night...)	2
User has the option to tag some locations as her favorites and thus access them from the favorites menu	2
User has an option to switch between celsius and fahrenheit degrees	2
The max points are 40, but only 39 is possible so just asking for a +1 point from somewhere (:	+1 (: