

## **Weather app**

I built a weather app where users can see current weather, 24-hour weather and the next 7-day weather. Upon loading the page, the geolocation gets user's current location and then loads the weather data to all elements. On top of the page users can search for locations and get their current weather data and for the next 7 days.

Web page gets users current location using Geolocation API. The weather data is obtained using [OpenWeather.org](https://openweathermap.org/) and [Open-Meteo](https://open-meteo.com/). Current weather data is displayed as: current weather, temperature and how it feels like and wind speed, also weather is shown as an icon. 24-hour forecast is displayed as chart where blue line represents temperature, and purple bar represents possible rain. The 8-day forecast is shown as maximum and minimum temperatures, possible rain and maximum wind speed.

Declaration of AI usage:

No AI tools were used in this assignment.

Points:

Feature	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
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	3
User sees the current weather at a specific location	1
User sees the forecast for the next 24 hour, hourly based	3
User sees the forecast for the next 7 days	3
<b>TOTAL</b>	<b>25</b>