

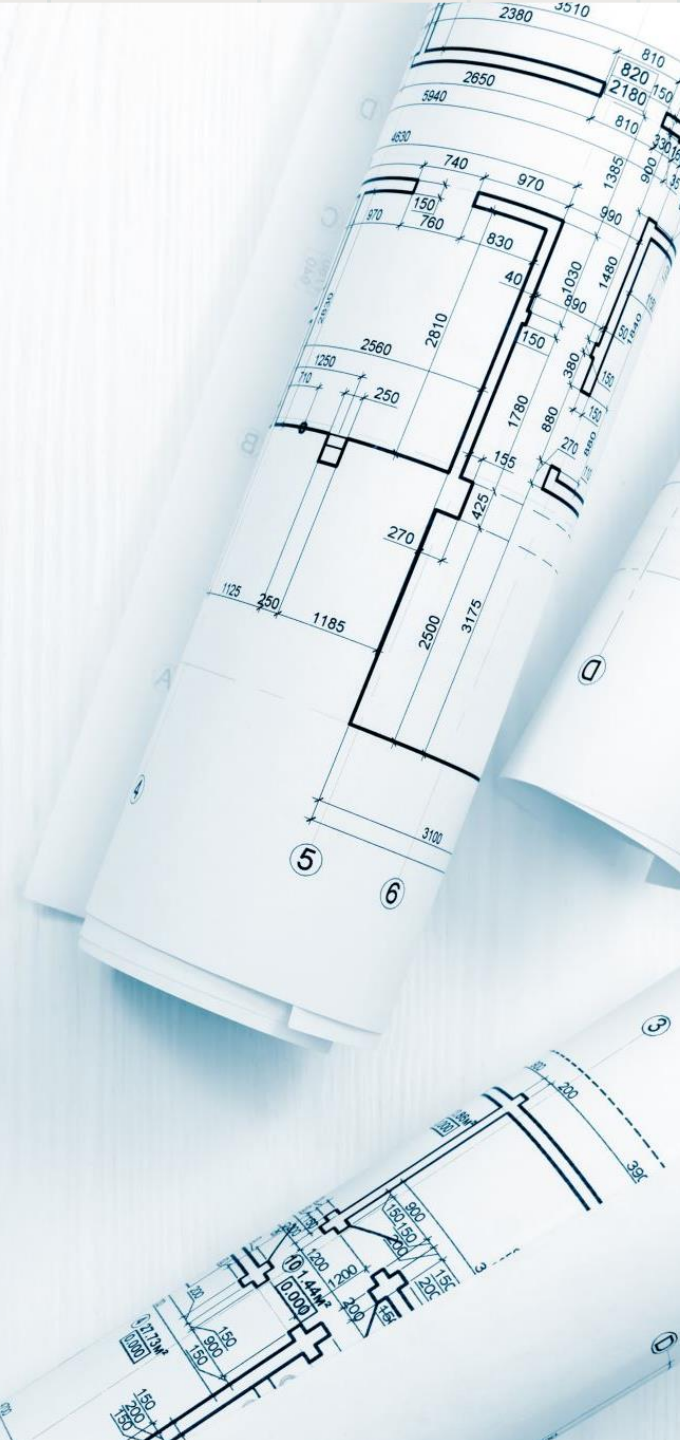
Weatherly



Apr 2, 2022

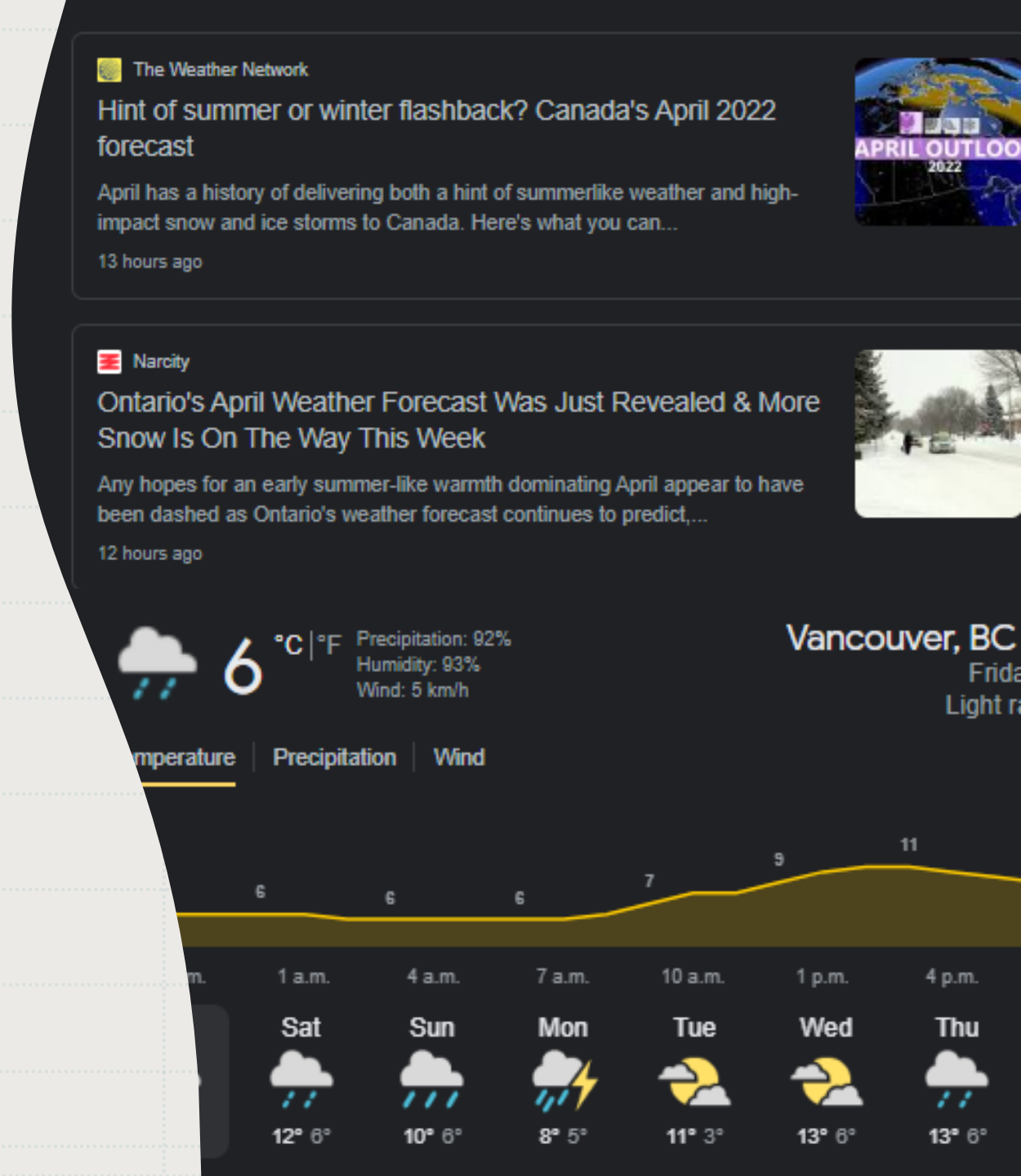
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Overview

- Weatherly is a web application that suits all your needs regarding the weather. It lets the user select a city and display the cities' weather while showing daily, hourly, and current forecasts, accurate to the minute. This information will range from the high and low temperatures, wind speed, visibility, and the weather. Aside from forecasts, the application can also serve as a way to consume your weather reports, as the homepage displays weather related news of the entered city from the previous weeks. All of this information can be accessed in a single click, simply by entering the city name to the field provided.



APIs

- **1_ One call API:**
 - Makes a single API call to get current forecasts and historical weather data in a JSON format
- **2_News API:**
 - Searches for news in a specific time frame from multiple sources by using keywords and setting a
- **3_Geocoding API:**
 - Converts addresses represented by a string into geographic coordinates
- **4_Heroku API**
 - Allows us to deploy our application


High level features

Allows users to look up the forecasts of a specified city by entering the location into the text field provided

Displays minute, hourly, and daily forecasts when a valid city is entered

Displays weather related news from the day before and some from previous weeks

Current Weather




6.7°C 

Feels like 4.46°C , overcast clouds


Wind Speed: 3.09 km/h


Visibility: 10000 meters

Hourly Weather

9:00 pm  6.7°C	10:00 pm  6.7°C	11:00 pm  6.6°C
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Daily Weather

Tomorrow:

6.7°C

The Day After Tomorrow:

6.7°C

News Container

Yesterday

 image

Skeena Reports Fourth Quarter and Annual 2021 Financial Results

VANCOUVER, BC / ACCESSWIRE / March 31, 2022 / Skeena Resources Limited (TSX:SKE)(NYSE:SKE) ("Skeena" or the "Company") reports fourth quarter and annual...

[Read More](#)

One Week Ago


 image

Huawei Profit Surges After Deals, Revamp Help Weather Sanctions

(Bloomberg) -- Huawei Technologies Co.'s net profit surged 76% in 2021 despite deep revenue declines across its business, reflecting efforts to shave costs...

[Read more](#)

CI/CD Infrastructure

 Summary


Jobs

✓ Running Unit Tests (12.x)


✓ Running Unit Tests (14.x)

✓ Running Unit Tests (16.x)

Node.js
By GitHub Actions
Build and test a Node.js project with npm.



Configure

JavaScript 

Running Unit Tests (12.x)
succeeded 23 hours ago in 24s

> ✓ Set up job

> ✓ Run actions/checkout@v2

> ✓ Use Node.js 12.x

> ✓ Install

> ✓ Test

> ✓ Deploy to Heroku

> ✓ Post Use Node.js 12.x

> ✓ Post Run actions/checkout@v2


> ✓ Complete job


pages-build-deployment
on: dynamic


✓ build 20s

✓ deploy 8s
<https://ctan24.github.io/Group-4-Project/>



Deployment method


 Heroku Git
Use Heroku CLI



 GitHub
Connected ✓

 Container Registry
Use Heroku CLI

App connected to GitHub

Connected to  [ctan24/Group-4-Project](#) by  [ctan24](#)

 Releases in the [activity feed](#) link to GitHub to view commit diffs

 Automatically deploys from  [main](#)

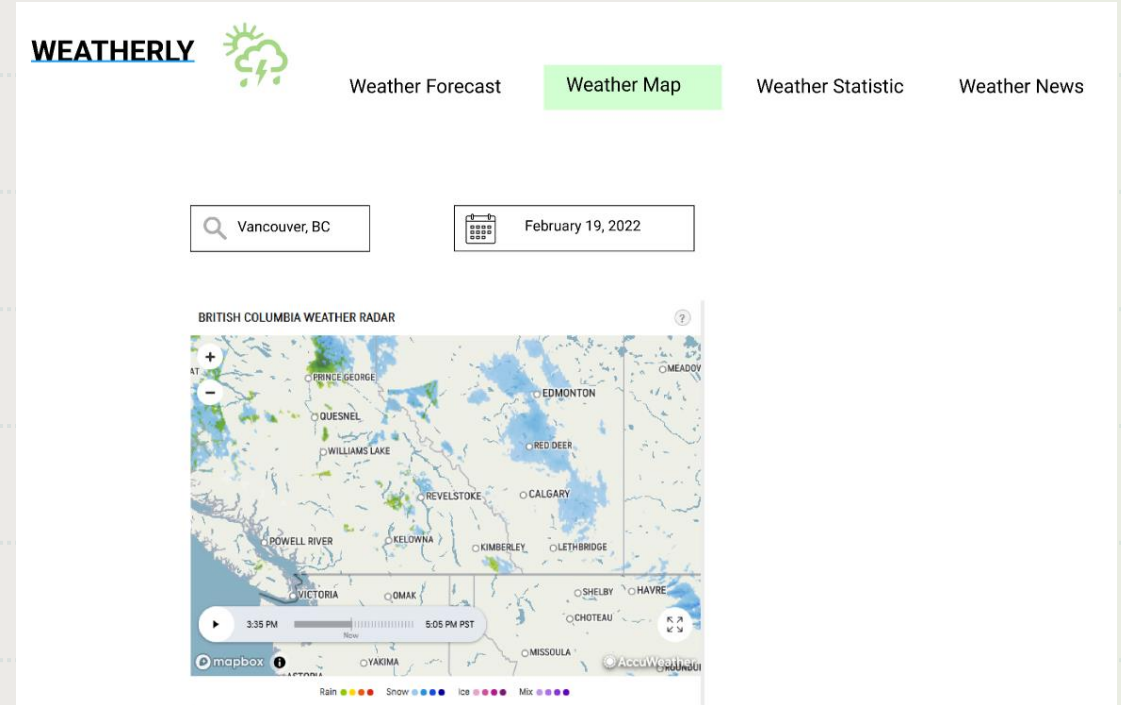
Challenges

Overpromised features

Choice of technology stack

Time constraints

Problem with the news API



News API

100 requests per day ?

No extra requests available ?

No uptime SLA

Basic support ?

Takeaway



**DEFINE SCOPE &
TECHNOLOGY STACK**



**SDLC: PROTOTYPING ->
AGILE**

Demo



Thank you