

Better Weather

Noah Sternberg - CSC425 Final Project



**I Hate Weather Apps.
A lot.**





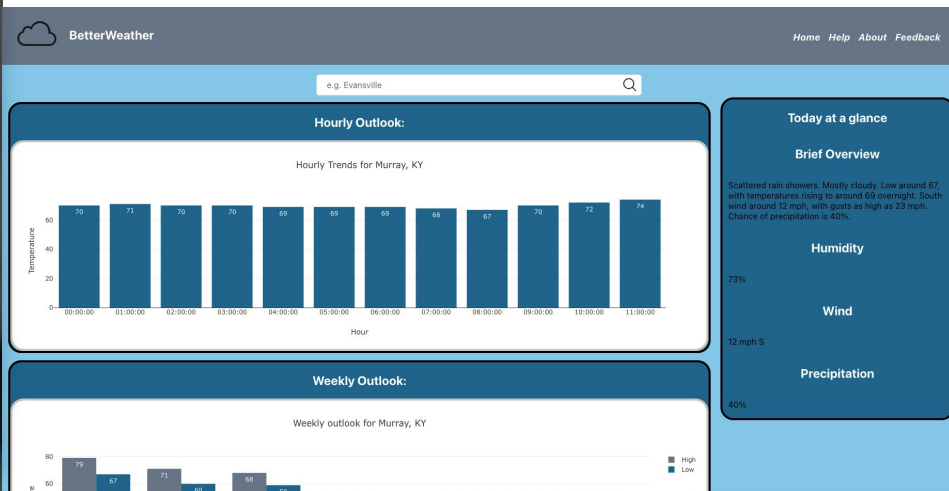
Why?

The screenshot shows the homepage of The Weather Channel website. At the top, there's a navigation bar with the logo, "An IBM Business", a search bar, and location/temperature info. Below the navigation bar, there's a "Weather Satellite Live" section with a prompt to "Enter Your Location" and an "OPEN" button. To the right, there's a "Web Notifications" sidebar. The main content area features a "TOP STORY" section titled "WALLS PEELLED OFF BUILDINGS" with a video player, and an advertisement for "Everyone with chronic cough has a story." featuring a woman's portrait.

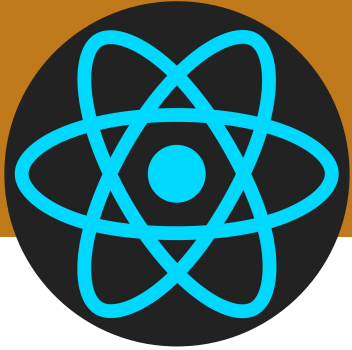
The screenshot shows the homepage of the AccuWeather website. The header includes the AccuWeather logo and a search bar. Below the header, there's a "FROM LOCATION" dropdown menu showing "Murray, Kentucky" with a temperature of "72°". The main content area is divided into several sections: "Gum Disease or Tooth Decay? Try This Tonight (It's Genius!)" with an image of a tooth, "This Isn't Your Grandpa's Thc - It's Way Stronger!" with an image of cannabis, and "Here Are 21+ Hottest Gifts of 2023" with an image of a smart clock. There's also a "UNITED STATES WEATHER RADAR" map and a "Here Are 21+ Hottest Gifts of 2023" section with an image of a smartwatch. A "FEEDBACK" button is visible on the right side.



Weather, First and Foremost

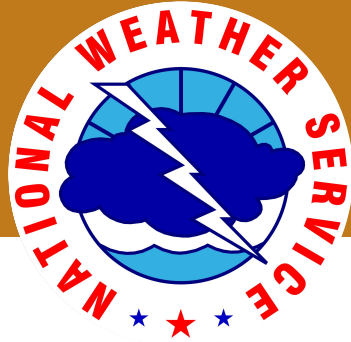


Technical Overview



Front End

ReactJS with SCSS



Back End

National Weather
Service's Free RESTful API



Web Services

National Weather Services
Free RESTful API and
OpenWeatherMap's
GeoCoding RESTful API



Cloud Services

None!
(Didn't need one)

Behind the Scenes



Planning

JIRA



Version Control

Git and GitHub



CI/CD

GitHub Actions



Demo





It's Free, but if it wasn't ...

Option 1

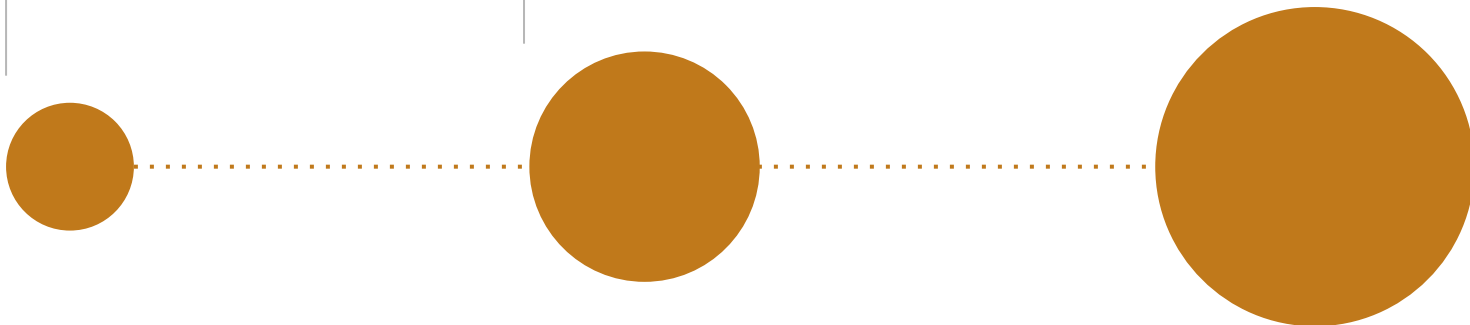
Offer optional financial support
("buy me a coffee")

Option 2

Offer some features
behind a paid upgrade

Option 3

Ads, with a paid opt-out
(I refuse to use invasive ads)





Thank you for your time!