





With restrictions starting to lift around the world, people have started traveling again. This is great news, especially for people that have waited sometimes years for their vacations. The developers at WeathCon have found specific issues that can be streamlined to make your trip as efficient as possible.

The problem is that travelers have to use several apps or web pages to access vital information for travel. The developers at WeathCon have designed a webpage that will include a currency converter and access to local forecasts and times. I'd like to share an example with you.



Let's pretend you've waited a couple of years to go on vacation with a few friends. You decided that as a group, you were going to go backpacking in Europe! The time has finally come and you're off to your starting destination, London England! Upon arrival at Toronto Airport, you immediately open the WeathCon page. You enter your current location, and your group's initial destination, London. Upon submission, you're then presented with a page displaying:

- The weather in the destination location
- The short and long term forecast in the destination location
- A conversion calculator displaying Canadian dollars to Pounds
- A time conversion display showing local time, and destination time



Your time in London was great but you still have multiple other cities and countries to travel to. Your group still needs to travel to Nice France, Zurich Switzerland, and Florence Italy!

Using WeathCon you're able to do some advanced research on the destinations, and realize both Nice and Florence use the Euro as their currency. Whereas Zurich uses the Swiss franc. Looks like during our trip, your group might need access to 4 different currency conversions. Luckily you have quick and reliable access to Weathcon!



WeathCon is a valuable tool for any form of travel, but it becomes increasingly useful when you're traveling through multiple countries, with vastly different currencies, weather, and local times.



Description: A website that allows the user to obtain a conversion of the weather, currency and time zone between two locations with 2 easy inputs.

Motivation for Development: Centralizing multiple planning applications for user convenience now that international travel is allowed and on a lot of people's agendas.

User Story: As you get ready to plan for a trip, visit Weathcon and easily find out what clothes you'll need to pack, how much money you'll need and what time you can expect it to be upon arrival.



Technologies Used:

- IP Geolocation(TZ)
- Exchange Rate Host
- Visual Crossing
- REST Countries

Tasks & Roles:

Veronica: Admin/Project Management,
Favicon Final, Currency Conversion,
Troubleshooting, HTML/JS Restructuring

Cory: Initial concept, Wireframe,
Logo/Favicon concepts, Time Conversion,
Presentation Slides

Libraries:

- Tailwind CSS
- JQuery
- Moment.js

Brennan: Project Name, Logo Final, Input
Screen, Header/Footer

Candice: Front-end theming, Weather API,
Custom CSS

Process (#TeamCursed2022)

- Challenges
 - Missing a person
 - Personal emergencies (work, health crises)
 - Finding proper APIs + Expired SSL Certificate
 - Merge conflicts in develop because of different coding styles/approaches
 - Adjusting input fields & switching from dynamic to static with two html pages
 - Killing your children (rest in peace, overly-convoluted nested API calls)

NET::ERR_CERT_DATE_INVALID

Subject: restcountries.com

Issuer: R3

Expires on: Apr 5, 2022

Current date: Apr 5, 2022

ERR_CERT_DATE_INVALID

Process (#TeamCursed2022)

- Successes
 - Strong communication between team members
 - High level of investment in project from all members
 - Auto-formatting in currency conversion + limit history
 - Tab function in weather API display
 - Quick pivot from one page dynamic HTML to two page static HTML

Let's go for a tour!

Directions for Future Development

- Additional features:
 - Flight purchases, Flight tracker, packing list, email reports, IP detection (geolocation), language and country information(main languages spoken), tourism-related information(must-see sights and popular foods to try)
 - Live display time for departure and destination city
 - country/city API

Links

Active URL:

- <https://scscbc-projects2022.github.io/WeathCon-project-one/>

GitHub URL:

- <https://github.com/SCScbc-Projects2022/WeathCon-project-one>

Thank you for your time!