Harm Detector

By Donald Pelcher

Product Definition Statement

A page to monitor potential hazards for the overly cautious or paranoid.

Feature List:

A search bar which creates a table of forecast information for every three hours.

A search bar which creates a table of earthquake data, within a distance chosen from a selector.

A google map display.

Design Decisions

I chose to include a map in the space between the weather and earthquake info bars, I found this to be the most visually appealing way to set the three features up.

Technical Decisions

I was unable to incorporate markers on the map nor crime data due to issues that took too long to resolve.

The google map is an extra, as the main features are the earthquake and weather tables. There is an additional button that restores the map to its original zoom distance.

I made use of php files to act as a proxy for weather and earthquake data. I used JSON to read out the data.

The earthquake finder code was modified to read the earthquake data.

I give myself a 75% as I was unable to include all the planned features within a reasonable amount of time, but the final product still accomplishes what I originally envisioned for it.

<https://people.rit.edu/dap4092/330/project%203/project%203.html>