WorldWide Weather Carousel

IT 102 Quarter Project, Fall 2023

Team: Kennet Vera, Shiro Ishii, Dinesh Rao

Project Description: The Worldwide Weather Carousel is a single-page web app that allows users to visit various cities around the world and get current weather conditions.

Initial Scope: This app will have side by side areas of information - an image pane and a data pane - along with a single button. The button, when clicked, takes the user to the next city from a randomly selected list. Each city features an image of the city - either from a stock image or from a webcam - along with select weather and location data.

Stretch Goals:
- Add animation in the image pane as a purely decorative context switch clue
- Allow user input in the form of a pick list
- Add progressive filtering of pick list
- Add News headlines to an additional pane that lies below the other two panes

Extreme Stretch Goal:
- Allow users to add an image for a selected location based on manual screen capture from a Google Maps query

Team Roles (will undoubtedly change as project progresses:
Kennet - Weather and Webcam API, JSON response processing, App Front-end, Testing, Integration
Dinesh - City Image API, JSON response processing, App Front-end, Testing, Pick List, Progressive Filtering
Shiro - Animation, News API investigation, JSON response processing, Testing, Additional Pane

Target Dates:
Alpha - 11/21
Beta - 11/28
GA - 12/4
Launch - 12/6