

Daily News and Weather News and Weather App



Introduction

It is more difficult and important than ever to get unbiased news from a wide range of news media outlets. Relying on network television or just mainstream media alone can provide a limited perspective of how and why news stories are presented and selected. Sometimes news articles that should be in headlines slip through the cracks and don't make their way into people's daily lives. Having the ability to draw from a variety of news sources allows users options of how and what news stories they are interested in reading. **Daily News and Weather** provides users with a unique and accessible way of selecting news from various news organizations and perspectives while providing them with local weather updates so they can plan their day or week accordingly.

Concept

Daily News and Weather will be a readable, accessible and easy to navigate news and weather application that will provide local weather updates with a list of news sources showcasing their lists of current headline news. By allowing users the option of filtering news stories and providing access to the news sites offering the news stories, **Daily News and Weather** will provide a unique interactive experience.

Technology

I will utilize Vue JS as the primary application framework with the assistance of Bootstrap, SCSS and Vue-Resource to assist with styling, responsiveness and fetching live article metadata from the API source [News API](#). Also included will be a weather widget by [Vue Weather Widget](#) which will offer current local weather with an additional 5-day outlook. The npm installed widget will utilize the [Dark Sky API](#) for providing local forecasts and current conditions featuring animated icons displayed above the news application.




mvish.com



Powered by Dark Sky


Design Comps

Laptop View



| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 1PM | 2PM | 3PM | 4PM | 5PM | 6PM | 7PM | 8PM | 9PM | 10PM |
| | | | | | | | | | |
| 59° | 61° | 62° | 63° | 63° | 63° | 62° | 61° | 61° | 61° |
| 88% | 86% | 86% | 84% | 82% | 83% | 83% | 83% | 80% | 77% |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| | | | | | | | |
| 63°/56° | 77°/61° | 85°/67° | 83°/67° | 70°/60° | 79°/59° | 76°/57° | 86°/64° |
| 88% | 79% | 2% | 12% | 5% | 23% | 33% | 25% |


NEWSLIST


NEWS


DAILY HEADLINE NEWS ARTICLES


NEWS


DAILY HEADLINE NEWS ARTICLES

NEWS

DAILY HEADLINE NEWS ARTICLES

NEWS

DAILY HEADLINE NEWS ARTICLES

NEWS

DAILY HEADLINE NEWS ARTICLES

Mobile View



Project Task and Timeline

| NAME | Duration | Start | Finish |
|---|----------|------------|------------|
| Scaffolding website with VueJS, Vue Resource and Webpack components | 1 day | 10/23/2017 | 10/23/2017 |
| Familiarization and implementation of VueJS, Axios, Resource, Dark-SkyAPI | 12 days | 10/24/2017 | 11/04/2017 |
| Add Newslst.Vue, NewsSource.Vue components. | 13 days | 10/27/2017 | 11/08/2017 |
| Add NewsAPI.org API source code and run and test working version of App. | 4 days | 11/08/2017 | 11/12/2017 |
| Add DarkSkyWidget.vue comp. and API info for working weather widget. | 4 days | 11/12/2017 | 11/16/2017 |
| Add SCSS styling and give site unique look and presentation | 13 days | 11/16/2017 | 11/29/2017 |
| Final Testing and responsive screen sizing. | 5 days | 11/29/2017 | 12/05/2017 |

Accessibility Requirements – User Stories

User Story: As a visually-impaired user who cannot see colors, I want to be able to locate all links so that I am able to navigate the site effectively.

Estimated Size: med

Acceptance Criteria: In order to meet the WCAG2.0 AA rating I shall use the following color guidelines:

- A 3:1 contrast between the link text color and the surrounding non-link text color.
- A 4.5:1 contrast between the link text color and the background.
- A 4.5:1 contrast between the non-link text color and the background.

Analytics

User behavior will be tracked with the assistance of Google Analytics integrated measurement and marketing analytics tools.



Deployment

The Daily News and Weather App will be hosted and deployed directly from my [Github repository](#) with the assistance of Github Pages.



Perceived Risks

The perceived risks and potential difficulties for deploying the news-weather application involve the utilization of the fairly new Vue JS framework. Having created similar apps using Angular JS, the similarities between the two frameworks do add some level of comfort, but the unique syntax and modular application format of Vue JS adds an element of uncertainty when working with the newer technology. It is my estimation that the biggest risk of the project is the addition of the weather widget once the news application is up and running. Having both components working independently from one another is crucial for the application's functionality and overall look and feel.