

The Project – WIA June 2015

Please view the site on my personal web server for review. Google Charts and my map is not working in file location.

<http://wia.deltabusinessapplications.com/>

Areas of Focus

1. **Homepage** – This is a single page design. All of the requirements will be found on the homepage.
2. **jQuery Effects** – Includes animated scrolling, lightbox animation, and within the custom “State Abbreviations Map” (animating the states and the popup on the right hand side).
3. **Modernizer** – Checks for HTML5 Video. If video is not supported, a still image is added to the HTML using `jQuery.prepend()`.
4. **Overall Design** – Speaks for itself
5. **Overall Craftsmanship** – Relied heavily on the documentation for all frameworks and APIs. Checked to make sure best practices were being used.
6. **Map** (`index.html#seeMap`) – Animated map displays the state name and abbreviation for the state as the mouse hovers over. `Kartograph.js` is used as a framework. - <http://kartograph.org/>
7. **Image Gallery** (`index.html#gallery`) – Bootstrap Image Gallery is used. - <https://blueimp.github.io/Bootstrap-Image-Gallery/>
8. **Data Visualization** (`index.html#chart`) – Population of the United States is displayed on a geographic map using Google Charts - <https://developers.google.com/chart/>
9. **HTML5 Video** (`index.html`)– Used as a background for the title area of the homepage.
10. I chose not to use canvas. I think linking external SVG's is a much better option.

Theme Overview

I chose to create a “Visit the USA” website because “America is awesome”. I thought it would be easy to find data to use on data.gov (The home of the U.S. Government’s open data program). The theme was chosen based on my

experience using Bootstrap. The actual styling is a combination of current projects I am working on. This project allowed me to experiment with CSS techniques.

Speaking of CSS techniques... The HTML5 video background in the title area is completely custom styling. It was difficult to find the right CSS styles to keep the video within the window size but also to fill it the entire time.

All images are courteous of

<http://www.freeforcommercialuse.net/>

All videos are courteous of <http://www.videvo.net/>

Full Source List:

HTML5 Video - <http://www.videvo.net/video/vintage-globe-usa/3628>

Image1 - <https://www.flickr.com/photos/125167502@N02/14189700370/in/set-72157645023761746/>

Image2 - <https://www.flickr.com/photos/125167502@N02/14374707082/in/set-72157645023761746/>

Image3- <https://www.flickr.com/photos/125167502@N02/14211180800/in/set-72157644709775510/>

US States by Population JSON - <http://www.tellingmachine.com/post/all-50-states-as-xml-json-csv-xls-files.aspx>