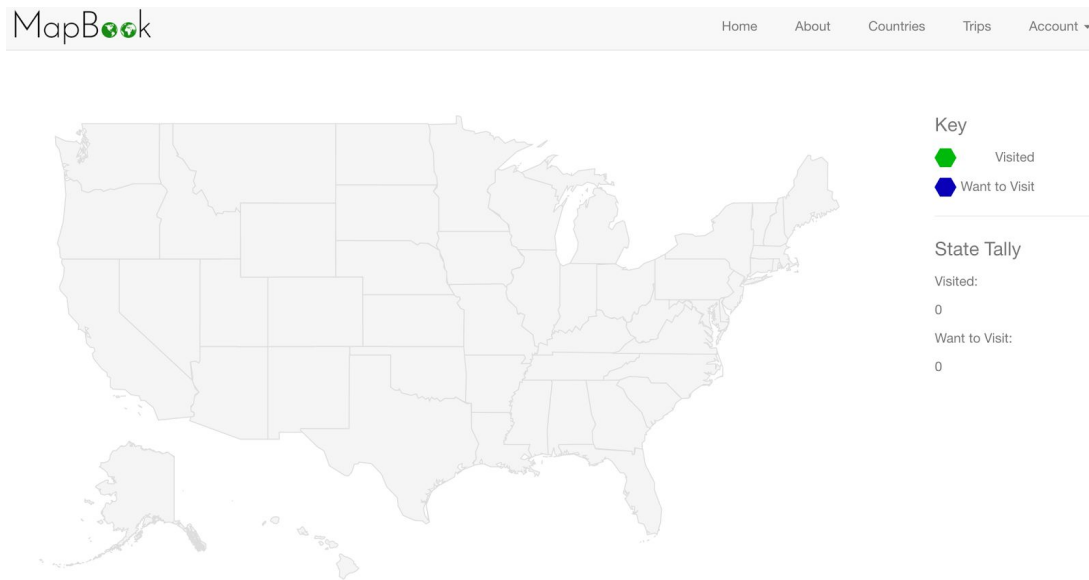
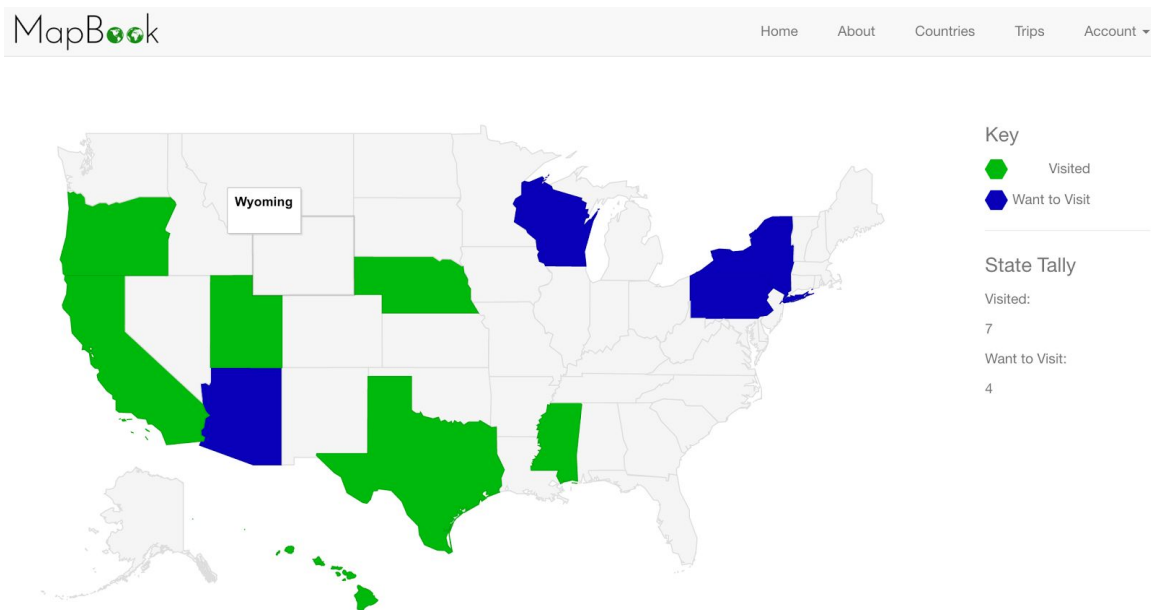


MapBook

Unmarked countries page

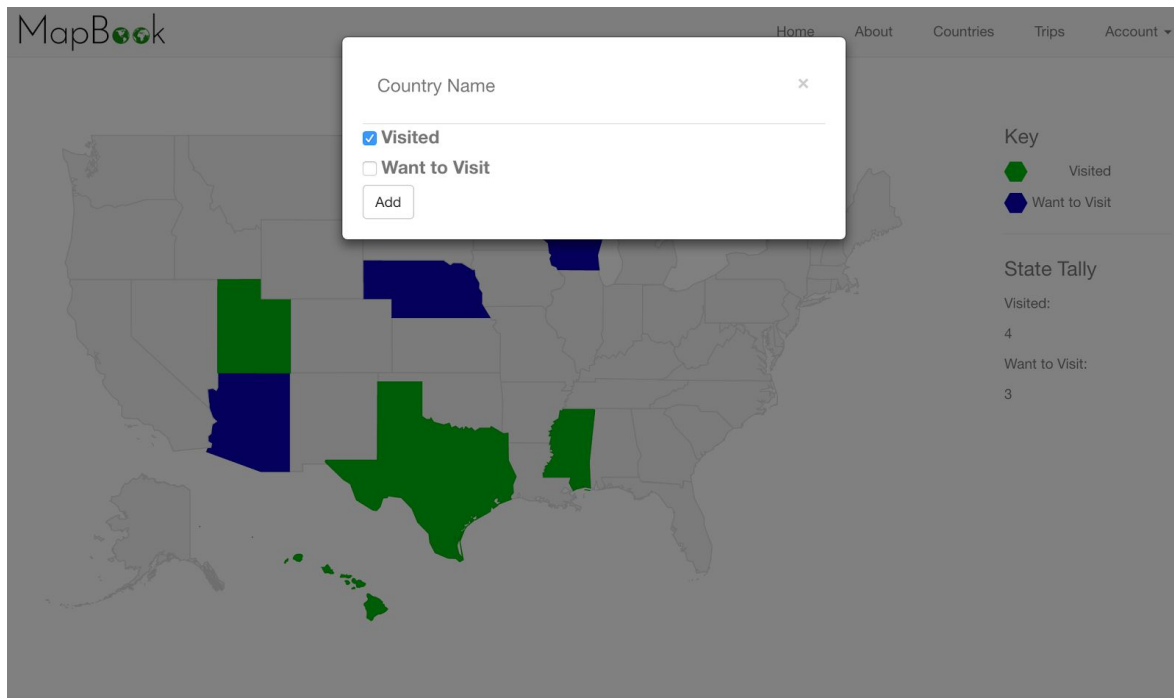


Map with some states selected (also shows hover over effect)



Dialog box that appears when clicking on a state

“Country Name” will be replaced by the name of the country



Close up of the side bar showing the map key and the state tally which updates as the user selects states

Key



Visited



Want to Visit

State Tally

Visited:

7

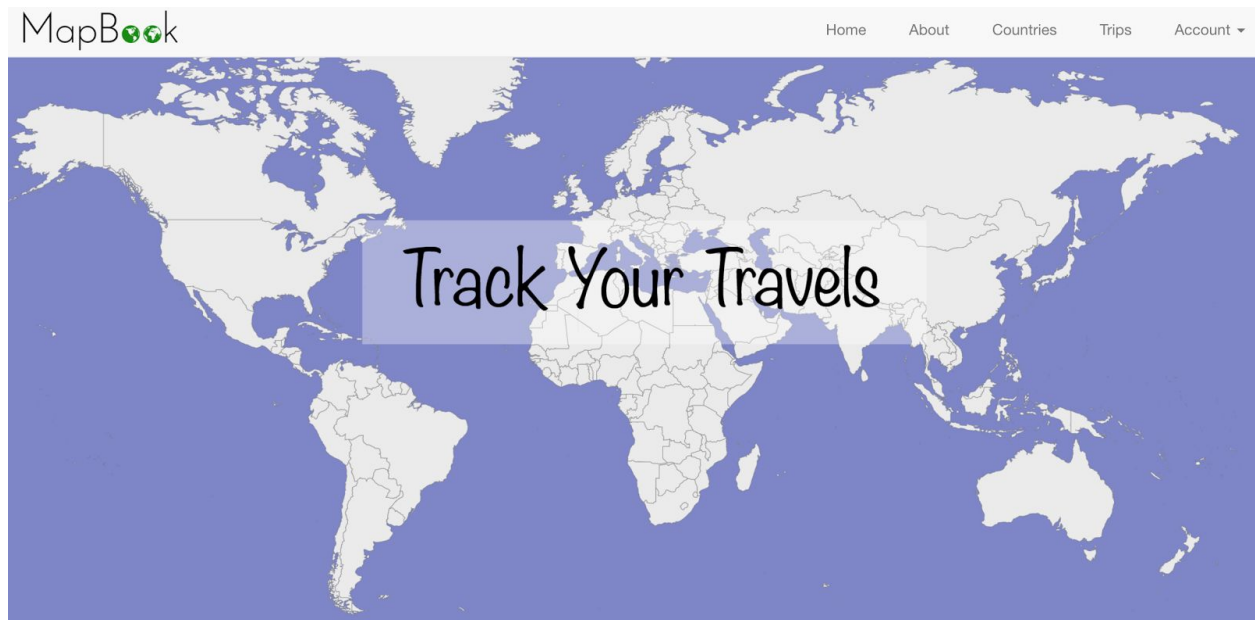
Want to Visit:

4

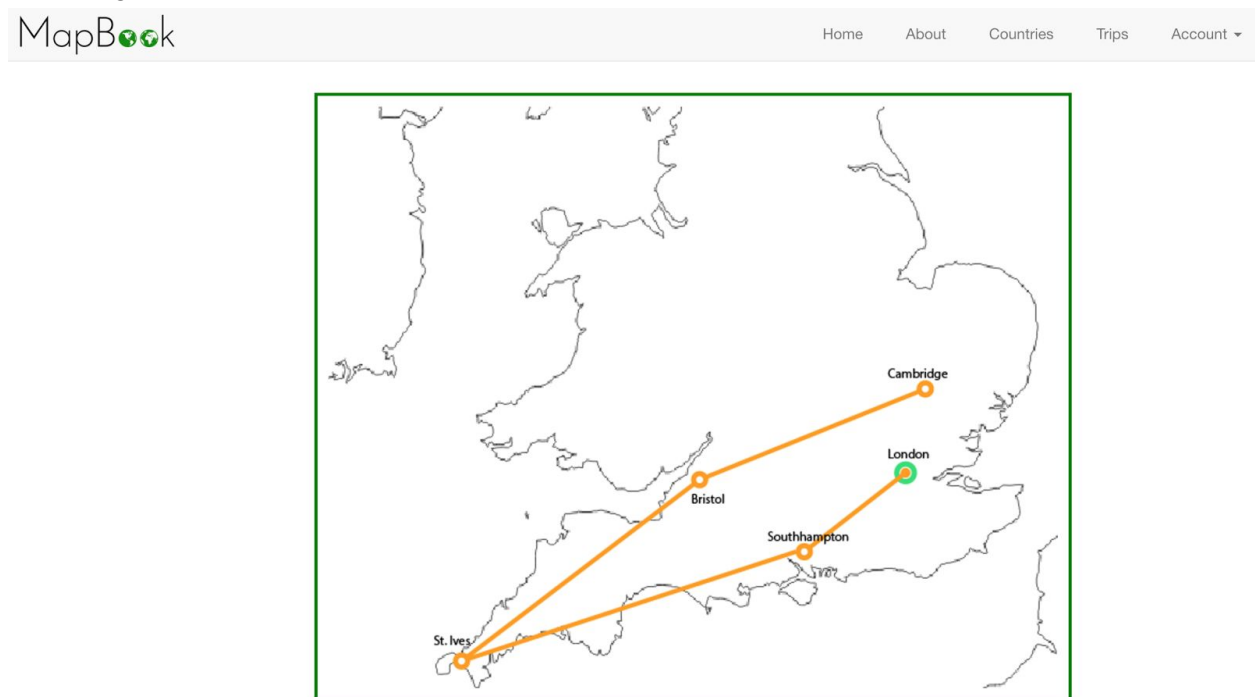
*Note: although we used a US map in the prototype the real one would be a world map showing all the countries

The home and trips pages currently have placeholder images

Home Page



Trips Page



To open local website click on the home.html doc and navigate to countries page to interact with it.

Design Limitations of Initial Prototype:

In our Design implementation we discussed a couple of features that were omitted from this prototype. Using the Google GeoChart API, there was no functional way to zoom in on the map. As a result, we brainstormed ideas for future solutions to this problem. For example, the Google Geochart allows to see individual regions. Using this, it could be possible to breakdown the map into multiple sub-regions. Within these subregions it would be much easier to select the smaller countries, and then to be able to come back to the larger map to get a summary. The biggest problem with this would be passing around a lot of data as well as page reloads (if we were not using AJAX or some other dynamic page software).

An alternative solution would be to allow the users to select countries from a list somewhere on the page. This would allow them to see the entire map at any moment, but should they want to select a smaller country, or one that they're not sure quite where it is, they are able to instantly find it from the list and have it update the map.

Either way this problem came from the GeoChart side, and the solution would be implemented in the next prototype.

Additionally, we noted that we wanted to allow users to be able to input their own colors for either Visited and Want to Visit. This was purely because we ran out of time to implement this, but it would be present in future prototypes. We also felt that when a country already had a color if you pressed it again it would toggle the color off, instead of bringing up the dialog again.

The trip planner currently does have a tab in the website, but is not-interactive in any way. After the changes to the countries visited tab, the trip planner would be in the next prototype. However we imagine that we would be able to build it using Google Maps API to do almost exactly what we want.

Finally there is no 'Login' system, and if possible a 'mock' one would be in the next system. But because the application won't be published it is unlikely that this feature will ever fully work. We do have an account tab in the nav bar but none of those links are active. We added mainly for show.

Overall the prototype was what we wanted. We were able to do almost exactly what we wanted to do, with the API and time being the only real limitations.