***“GeoFun”*** site.

* 1. Purpose. To show your ISP CITY, STATE, COUNTRY, and draw a map of your ISP location using 2 different API sources: abstractapi.com and googleapis.com
  2. Audience. Anyone
  3. Data sources. abstractapi.com and googleapis.com will pull the data from your ISP
  4. Initial Module list. small.css, app.js, index.html
  5. Wireframes for each view of your application (below)  
     Page will load your location and ISP data in one column and will retrieve your previous ISP data  
     from local storage and display this in a column next to the original column
  6. User Button will allow a load of the previous into the current which will redraw the map and populate the current column with the previous geo/isp information (both columns will then match)
  7. Colors/Typography/specific Element styling  
     Dark Green, Burgundy, Dark Blue
  8. Schedule to provide yourself mile markers along the way to help you stay on target  
       
     Week 3. Setup Google account for API Key, re-design, prepare new proposal doc, develop framework, CSS, and HTML, Send data to local storage and display on screen

Week 4. Develop user input button with listener, modularize code with function export/import, create CSS hover animations and some other cool animations tbd.  
  
It needs to include getting data from an external API, use local storage to store data, use form input and validation and CSS to style the project.  The JavaScript should follow a MVC design pattern for the framework.

1. Design and build one or more web applications to explore and apply the things you have learned thus far.
2. As this is the primary work you will do over weeks 10-14 you should plan on spending at least 30 hours on these challenges.  Work with the instructor to manage the scope for your ideas.
3. Once you have settled on an idea or two write it up and submit it here. Because these should be more complex challenges, you should spend more time on this than you may have for the first block to produce a more formal proposal.  A sample outline might include the following sections:
   1. Purpose
   2. Audience
   3. Data sources
      * External API
      * localStorage
      * local JSON file.
      * etc
   4. Initial Module list
   5. Wireframes for each view of your application
   6. Colors/Typography/specific Element styling

See mockup below:

