Taurian Graham
Project 1 – Documentation

Functionality

1. TWO web services are used?
   - Rewriter-paraphraser-text-changer-multi-language – Rapid API
   - jspell-checker – Rapid API
   - bing-spell-check
2. Saves/restores last search term and other UI *state*
   - Yes.
3. Has "reset" button
   - Yes.
4. Has other required Controls?
   - Yes, comes with slider, buttons, input div, and drop downs.

Design & Interaction

1. Visual design is at a minimum, usable and "not ugly"
   - Yes, the App uses bootstrap along with some css and font
2. Widgets are well labeled and follow interface conventions
   - Yes
3. Users should be able to figure out how to use the app with minimal instruction
   - Yes
4. User errors must be handled gracefully
   - Errors are handled appropriately.
5. The *state* the application is in is obvious
   - Decently obvious by highlighting
6. The app should look good on a range of displays.
   - App works 1200 x 800

Media

1. HTML does not pass validation
   - Vuejs components are not supported and thus do not pass.
2. CSS does not pass validation
   - Passed
3. Missing required semantic HTML elements
   - Header, Section, table
4. Images Properly optimized
   - No images
5. Missing an embedded font
   - Embed Font – BebasNeue

Code

1. *ES6 Module Pattern*
   - Module Pattern is present.
2. Ajax not used
   - Ajax is used – XML
3. *ES6 Custom Classes*
   - Custom Classes were used
     i. Grammar.js
     ii. Syn.js
4. *Conventions NOT followed*
   - Proper naming conventions used
5. *Code that is NOT allowed*
   - Only appropriate code used
6. *Code shows errors in console*
   - No errors
7. *App does not function on banjo*
   - *App functions on banjo*
8. *App does not run locally or on banjo*
   - *App runs locally*

Impact

1. If the app meets the requirements above, we will award a 20% in this category, which means the base overall grade is 90%
   - I would like to think so. At least on the subject of string manipulation.

2. *App functionality and programming goes beyond what we did in class*
   - When factoring in the number of API's, yes.

3. *App UI design goes beyond what we did in class*
   - No

4. *App is "portfolio quality" (or nearly so)*
   - Visually, no but from a functionality standpoint yes.

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What Went Wrong/Right

- Wrong
    - Finding an appropriate API with good enough limits for testing
    - Finding an API that exported data in an appropriate manner
    - Understanding some of the limitations with Vuejs
- Right
    - I found a new approach to managing string data.
    - Webpacking functions that the App could use later on
    - Finding an API with relatively flexible limits.

Expected Grade: 88%

I think after finding as many API's as I could in a short time, I have put in the same amount of work into this project as my last. However, there are some limitations with the API's I chose, so the quality of the App is somewhat limited. While I was able to utilize as many different tools that we have learned such as webpacking, vuejs, bootstrap and others, I still think my initial geolocation idea would be more practical. While a paper analyzer is good for understanding errors in text, there is already a website called "Paper rater" which has a similar object.