Working Prototype Known Problems Report
Surfs Up
The Kooks
12/2/18

List of Known Problems:
- Google Maps does not load in on first load and has a grey screen instead of the map, refreshing fixes it.
  - Go to the surf page for the first time
  - **Expected:** See a map of your county
  - **Actual:** See a grey box where the map should be
  - Error most likely found in surf()
  - Could possibly be fixed by making sure the time is loaded in before trying to get a recommendation in surf()
- If you click on the surf recommendation too fast before the time window loads, it will be stuck getting a recommendation forever, refreshing fixes it.
  - Go to surf page
  - Click personal recommendation before the time shows up
  - **Expected:** Display a recommendation as soon as the page is ready
  - **Actual:** Progress bar hangs forever
  - Error may be from when searching through times, because it doesn't have times to look at.
- If you use google street view on the google maps at one surf spot, the marker for other surf spots will show on the street view
  - Get a recommendation
  - Use google maps street view
  - **Expected:** See a nice view
  - **Actual:** See a nice view with a small google maps icon on the image
  - Error is probably located setMarkers()
  - Could be fixed by removing the markers before using street view then reading them after.
- When invited to a group, can join the group multiple times if the internet is slow
  - Login in as a "User 1"
  - Create a New Group
  - Invite "User 2" to the group
  - Logout from "User 1" and login as "User 2"
  - Go to the group page
  - Click on the Accept group invitation multiple times
  - **Expected**: The notification will disappear after the first click
  - **Actual**: If the internet is slow, the notification will not disappear right away
  - Error is located in remove_notification
  - Can be fixed by immediately removing the notification on click, and not waiting for a response from the database first.

- Warning messages stay on screen if you switch from group to solo or vica versa. However, goes away or updates correctly when recommendation button is pushed.
  - Get a personal/group recommendation with a user warning
  - Click on the other recommendation option
  - **Expected**: See a normal recommendation page
  - **Actual**: See a recommendation page with the previous warning on it
  - Error is located in the HTML since we do not check if the toggle has changed before displaying the error
  - Could be fixed in the surf page HTML by checking if the recommendation toggle has changed before displaying warning.
- The time window always rounds down for the recommender, so a user may receive a recommendation outside there set time window
  - Set a time window that starts in the middle of a hour.
  - Get a recommendation
  - **Expected:** Get a recommendation in your time window
  - **Actual:** Get a time window outside of your time window
  - The error is probably located in surf.js and the page html since those files are where we get the time window and make a recommendation.
  - Could be fixed by rounding up the start time in the surf.html or surf.js