Working Prototype Known Problems Report
FAM
FamTeam
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List all problems with your software that your team has identified. Include in the item entry the input/action that causes failure; location of fault (if known); possible action for removal of fault.

<u>Known bugs</u>

- The latitude and longitude are 1-2 searches behind depending on user action
    - Caused by how the page is initially loaded with no values for latitude and longitude
    - Caused by calling the same function twice in sidebar and once in map
    - Causes map to not immediately update (requires 2 user action on the page)
        - Action 1: must search/verify location to get latitude and longitude
        - Action 2: push any buttons
    - Causes sidebar to require a work around for the bug (requires 3 user action on review section)
        - Action 1: must search/verify location to get latitude and longitude
        - Action 2 and 3: push any buttons
    - Location of fault: in ./Fam/client/src/app/main (map.component.html, map.component.ts)
    - Possible fix/workaround: once a location is inputted and is searched/verified, make a function that will push the button pushed two times so user will not have to manually push the button

- Routing to profile is messed up
    - Caused by the custom pipe filter not liking pre-filled input data
    - Causes routing problems when on profile page
        - URL says it's on map while in profile
        - Cannot exit profile unless user refreshes page, clicks on FAM icon/logout button
            - Refreshed page takes user to map page
    - Location of fault: ./Fam/client/src/app/filter.pipe.ts
    - Can fix routing issue if we create a form input box where the input box is empty and linked to the filter
        - Problem: Not what we want. This will import the entire database into profile and user will have to manually type in their username to find their reviews written. We want profile to pre-loads all of user's reviews
    - Possible fix/workaround: change the custom pipe filter to accept pre-filled data

- Un-unique profile usernames may pull wrong reviews
    - Caused by the filter for profile review pulling searching for everything in the profile name.
    - This makes it so that if your profile name is "a" it will pull reviews from every user with the letter "a" in their username.
    - This makes it so that users will have an excessive amount of reviews on their page that are not theirs if they don't use an unique login.

- Review will accept random numbers and letters as location if a location has been searched before
    - Caused by holding latitude and longitude as page is being used
    - Causes a review to be stored in location of last real location
        - Review will be stored in the database
        - Action 1: search a location in the Location textbox at the top
        - Action 2: click review
        - Action 3: Fill out form with location in the review having random number and letters
        - Result: successful review submitted at initial search location
    - Location of fault: ./Fam/client/src/app/main/map.component.html
    - Possible fix/workaround: When clicking the review button, refresh the section so that latitude and longitude are empty