

Working Prototype Known Problems Report

Lost And Found

Team Rocket

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List of functions not working correctly

1. **Adding and removing lost/found markers causes all the lost/found markers to go through the animation instead of just the newly added one.**
 - a. Cause of failure:
 - i. The app listens to change on the collection in the database in real time, then replaces the local array that holds the collection to the new one. Vue listens to change on the local variable and when there is one, reloads to display the new one, thus executing the animation
 - b. Location of fault:
 - i. GMap.vue
 - c. Possible action for removal of fault:
 - i. -
2. **Display not responsive**
 - a. Cause of failure:
 - b. Location of fault:
 - c. Possible action for removal of fault:
3. **We can zoom in to location in the map that's outside of campus**
 - a. Cause of failure: Google maps API centers on campus but doesn't remove outer bounds
 - b. Location of fault: home/GMap.vue
 - c. Possible action for removal of fault: Create a new map API
4. **Able to pin markers at location outside of campus**
 - a. Cause of failure: Google maps API
 - b. Location of fault: home/GMap.vue
 - c. Possible action for removal of fault: Create a function that checks all the locations in the database and remove any out of bounds pins
5. **SideNav history entry does not redirect outside of the map page**
 - a. Cause of failure: Not implemented for outside of map use
 - b. Location of fault: layout/SideNav.vue
 - c. Possible action for removal of fault: Implement redirect from outside map page
6. **Map boundaries does not allow user to view base of campus (after the Village)**
 - a. Cause of failure:
 - i. The map boundaries allow the user to pan across Google maps. However, bounds were not implemented accurately and when user attempts to pan to base of campus, boundary checks forces user back within the boundaries.
 - b. Location of fault:
 - i. Gmap.vue
 - c. Possible action for removal of fault:
 - i. Editing latitude/longitude to allow boundary to reach base of campus
7. **Tab slider (in Lost submission form) does not appear when you click a tab**

- a. Cause of failure:
 - i. When opening submission form, Found form contains tab slider but lost form does not. Possibly not implemented correctly.
 - b. Location of Fault: Submission
 - c. Possible Action for removal of fault: Check implementation for both tab sliders and ensure both implementations are correct. Make revisions and changes if necessary.
- 8. Picture field do not clear after user clicks “Submit” button**
 - a. Cause of failure:
 - i. When the user clicks the “Submit” button on the submission form, the uploaded picture field do not clear. Implementation to clear the fields are missing.
 - b. Location of Fault: SubmissionForm/form.vue
 - c. Possible action for removal of fault: Implementation needed to clear text fields after “submit” button has been clicked.
- 9. Clicking Google map labels show label popups and submission form at the same time**
 - a. Cause of failure:
 - i. Not necessarily a cause of failure, but when the user clicks any google map labels, the label and submission form pops up at the same time.
 - b. Location of Fault: home/Gmap.vue
 - c. Possible action for removal of fault: Implement a function to disable google map label popups.
- 10. Red pin stays on map where user clicked after closing the submission form (without submitting)**
 - a. Cause of failure:
 - i. When user clicks anywhere on the map and the submission form pop ups, then closes the submission form without filling out the form or submitting, the red pin stays on the map. Implementation to remove the pin is not in code.
 - b. Location of fault: home/GMap.vue
 - c. Possible action for removal of fault:
 - i. Implement changes to function to remove pin if user exits submission form without filling it out.
- 11. Web app is not tested/optimized for responsiveness, mobile, other browsers, platforms, etc**
 - a. Cause of failure:
 - i. Implementation for web app was not optimized for other platforms as it was solely focused on web page development.
 - b. Location of fault:
 - c. Possible action for removal of fault:
 - i. Future implementation with scalability designed for other platforms in the near future.
- 12. Display list view does not display properly**
 - a. Cause of failure:
 - i. When resizing the browser window, the display list view information (including the picture) does not resize properly
 - b. Location of fault:

- c. Possible action for removal of fault: Change implementation so display list view information sizes according to the picture and description.
- 13. Info window keeps reopening when accessed through Display->location**
 - a. Cause of failure:
 - i. When user stays on the redirected map page (Display->Location->map view), info window keeps reopening. Could be something in the life-cycle hook function implementation that may have created this bug.
 - b. Location of fault:
 - c. Possible action for removal of fault: Editing implementation to close info window to prevent reopening in the life-cycle hook function.
- 14. Adding and removing lost and found markers causes all lost and found markers to initiate re-drop animation (where all markers drop onto the map) instead of just the newly added one.**
 - a. Cause of failure:
 - i. The re-drop function may have been called in a loop in