System and Unit Test Report

Lost and Found

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SYSTEM TEST SCENARIOS

Scenario 1

- ❖ <u>Sprint 1, User Story 1</u>: As a user who has lost an item, I want to access a separate web application specifically for lost and found items at UCSC, so that I only have to look/post in one place.
- ❖ <u>Scenario</u>:
  - ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.

Scenario 2

- ❖ <u>Sprint 1, User Story 2</u>: As a user who has found an item, I want to be able to submit information about an item I've found so that the owner of the item can tell it is theirs.
- ❖ <u>Sprint 1, User Story 4</u>: As a user who has found an item, I want to be able to submit my contact information so that I can set up a time and place to return the item.
- ❖ <u>Sprint 2, User Story 1</u>: As a person who has found an item, I want to create a pin on the campus map that represents the location of where I found the item so that other users can tell whether or not the lost item is theirs.
- ❖ <u>Sprint 3, User Story 4</u>: As a user who has made a submission, I want to be able to click the new marker right away to bring up the info window associated with it so that I don't have to click refresh first.
- ❖ <u>Sprint 3, User Story 10</u>: As a user who wants to input the date in my submission form, I want to select the date from a calendar so that I don't have to manually type it
- ❖ <u>Sprint 3, User Story 11</u>: As a user who wants to input the time in my submission form, I want to select the time from a clock so that I don't have to manually type it.
- ❖ <u>Sprint 3, User Story 13</u>: As a user submitting a report, I want to know the character limit in the fields of the submission form so that I don't type too much.
- ❖ <u>Sprint 3, User Story 16</u>: As a user submitting a report, I want the form to automatically resize my uploaded picture if it's too large so that I don't have to manually do it.
- ❖ <u>Scenario</u>:
  - ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.
  - ➢ Click the "Sign In" button in the top right corner of the screen.
  - ➢ Select a Google account to sign in with, or enter the information for a different account:

- ■ Email: *slugmail@ucsc.edu*
- ■ Password: *accountPassword123*
- ➢ Navigate the map to find the location where the item was found, and click that spot:
  - ■ Click the area by the *Porter College dining hall*
- ➢ Fill out the form that pops up:
  - ■ Item Type: *bottle*
  - ■ Item Description: *a yellow Hydroflask; has a bunch of Santa Cruz stickers on it*
  - ■ Contact Email: *slugmail@ucsc.edu*
  - ■ Date: click the calendar icon and select *7/24/2018*
  - ■ Time: click the clock icon and select *11:42 AM*
  - ■ Image Upload: click the "Browse" button, and select *yellow-hydroflask.jpg* from Desktop
- ➢ Click the "Submit" button.
- ➢ Click the newly appeared smiling emoji marker.
- ➢ Click 'x' in the information window to close it.

Scenario 3

- ❖ <u>Sprint 1, User Story 3</u>: As a user who has lost an item, I want to be able to submit information about an item I've lost so that someone who finds that item can tell that it is mine.
- ❖ <u>Sprint 1, User Story 5</u>: As a user who has lost an item, I want to be able to submit my contact information so that people who find my item can set up a time and place to return the item.
- ❖ <u>Sprint 2, User Story 2</u>: As a person who has lost an item, I want to create a pin on the campus map that represents the location of where I lost the item so that users who find my item can tell that it is my item.
- ❖ <u>Scenario</u>:
  - ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.
  - ➢ Click the "Sign In" button in the top right corner of the screen.
  - ➢ Select a Google account to sign in with, or enter the information for a different account:
    - ■ Email: *slugmail@ucsc.edu*
    - ■ Password: *accountPassword123*
  - ➢ Navigate the map to find the location where the item was found, and click that spot:
    - ■ Click the area by the *Porter College dining hall*
  - ➢ In the pop up form, click the "Add Lost Item" tab.
  - ➢ Fill out the fields:
    - ■ Item Type: *bottle*
    - ■ Item Description: *a yellow Hydroflask; has a bunch of Santa Cruz stickers on it*
    - ■ Contact Email: *slugmail@ucsc.edu*
    - ■ Date: click the calendar icon and select *7/24/2018*

- - ■ Time: click the clock icon and select *11:42 AM*
    - ■ Image Upload: click the "Browse" button, and select *yellow-hydroflask.jpg* from Desktop
  - ➢ Click the "Submit" button.

Scenario 4
- ❖ <u>Sprint 1, User Story 6</u>: As a user, I want the web app to store user inputted information about lost and found items so that any user can view the items I've posted and so that I can view information submitted by other users.
- ❖ <u>Sprint 3, User Story 9</u>: As a user looking at the list view of the items, I want to be able to click the "Location" button and see where the item is on the map.
- ❖ <u>Scenario</u>:
  - ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.
  - ➢ Click the "Display" button in the blue navigation bar.
  - ➢ Click the "List View" button in the drop-down menu.
  - ➢ Click the "Location" button for the first item.

Scenario 5
- ❖ <u>Sprint 1, User Story 7</u>: As a user, I want the web app to display the campus map so I can mark exactly where I have lost or found an item.
- ❖ <u>Sprint 2, User Story 10</u>: As a user, I don't want to be able to scroll or zoom out of bounds, because I want the map to only display valid locations for submissions
- ❖ <u>Sprint 2, User Story 12</u>: As a user, I want to disable scrolling with only the scroll wheel so that I don't zoom in or out accidentally.
- ❖ <u>Scenario</u>:
  - ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.
  - ➢ Attempt to move the map away from UCSC by clicking and dragging.
  - ➢ Attempt to zoom the map outside of UCSC by holding down "Control" and scrolling with mouse scroll.

Scenario 6
- ❖ <u>Sprint 2, User Story 6</u>: As a user who logged in, I want to view my profile page, so that I can see meta information regarding my account.
- ❖ <u>Sprint 2, User Story 7</u>: As a user who logged in, I want to view my submission history in my profile page.
- ❖ <u>Scenario</u>:
  - ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.
  - ➢ Click the "Sign In" button in the top right corner of the screen.
  - ➢ Select a Google account to sign in with, or enter the information for a different account:
    - ■ Email: *slugmail@ucsc.edu*
    - ■ Password: *accountPassword123*

➢ Click the button in the top left corner.
➢ Click "Profile" in the side navigation bar that slides open.

Scenario 7

❖ <u>Sprint 2, User Story 8</u>: As a user who logged in, I want to have my account functions listed in a side drawer, so it is easy to access and doesn't take up useful screen space.
❖ <u>Sprint 2, User Story 11:</u> As a user, I want only signed in users to be able to submit so that I don't have to deal with submissions from anonymous people abusing the submission system.
❖ <u>Sprint 3, User Story 2</u>: As a user who has made a submission, I want to be able to delete my submission so that it doesn't show up when I no longer have the item.
❖ <u>Sprint 3, User Story 7</u>: As a user, I want to differentiate between my lost and found submissions in the sidebar so that there is no confusion when I look up my previous submissions.
❖ <u>Sprint 3, User Story 8:</u> As a user, I want to be able to click on one of my submissions in the sidebar and have the map pan to that submission so that I can quickly access previous submissions and better visualize their location.
❖ <u>Sprint 3, User Story 15</u>: As a user who is not signed in, I don't want the profile (and related features) to clutter up the interface.
❖ <u>Scenario</u>:
   ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.
   ➢ Click the "Sign In" button in the top right corner of the screen.
   ➢ Select a Google account to sign in with, or enter the information for a different account:
      ■ Email: *slugmail@ucsc.edu*
      ■ Password: *accountPassword123*
   ➢ Click the button in the top left corner.
   ➢ Click the item "*bottle*" under "History," next to the sad emoji.
   ➢ Click the map area, outside of the side panel.
   ➢ Click the "Resolve" button on the marker's information window.

Scenario 8

❖ <u>Sprint 2, User Story 13</u>: As a user, I want to be able to click on markers and bring up information about that submission so that I don't have to go to the "List View" page.
❖ <u>Scenario</u>:
   ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.
   ➢ Click one of the smiling emoji markers.
   ➢ Click one of the crying emoji markers.
   ➢ Click the 'x' in the information window to close it.

Scenario 9

- ❖ <u>Sprint 3, User Story 5</u>: As a user, I want the lost and found markers to look different so that I can distinguish between them on the map.
- ❖ <u>Sprint 3, User Story 6</u>: As a user, I want to be able to toggle lost/found markers on and off so that I can remove clutter and better visualize what I want to see.
- ❖ <u>Scenario</u>:
  - ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.
  - ➢ Click the "Display" button at the top of the page.
  - ➢ Click the "Lost Markers" checkbox to hide all lost items on the map and have only found items displayed.
  - ➢ Click the "Lost Markers" checkbox again to display all items on the map.
  - ➢ Click the "Found Markers" checkbox to hide all found items on the map and have only lost items displayed.

Scenario 10

- ❖ <u>Sprint 3, User Story 12:</u> As a user, I want it to be clear when I can submit an item so that I don't click submit and end up not submitting anything.
- ❖ <u>Scenario</u>:
  - ➢ Enter https://lost-and-found-ddb76.firebaseapp.com/ into the address bar of a web browser, and hit enter.
  - ➢ Click the "Sign In" button in the top right corner of the screen.
  - ➢ Select a Google account to sign in with, or enter the information for a different account:
    - ■ Email: *slugmail@ucsc.edu*
    - ■ Password: *accountPassword123*
  - ➢ Navigate the map to find the location where the item was found, and click that spot:
    - ■ Click the area by the *Porter College dining hall*
  - ➢ Leave the fields of the form that pops up empty.
  - ➢ Click the "Submit" button.

UNIT TESTS

Test files are on Github:

https://github.com/VVNoodle/Lost-And-Found/tree/BACKUP-MASTER/test/unit/specs