System and Unit Test Report
Slug N Found
23 July 2019

System Test Scenarios:
Sprint 1:
- User Story 1: As a user, I want the ability to create an account and login so that I can view items that are lost/found.
- User Story 2: As a student who lost/found something, I want the ability to upload an image of an item I found/lost so that the person who is looking/posting the item can identify exactly what it is.

Scenario:
1. Start/Open Slug & Found web app; select "Sign Up"
   a. Username = "Janedoe"
   b. Email address = "janedoe@ucsc.edu"
   c. Password = "cmps115
   d. Click "choose file" and choose a profile picture from your device
   e. Click "Sign Up"
   f. You should now be signed up and logged in.
2. To make a new post: At the top left of the screen, select the button that looks like "≡"
   a. Select "New Post"
   b. Enter in a Title such as "iPhone"
   c. Enter a description such as "Found iPhone 8 on the floor"
   d. Enter in location such as "Jack Baskin 101"
   e. Select ""Choose File"
      i. Select the photo of the iPhone on your device
   f. Select "Submit"
   g. Your new post should be on the home page

Sprint 2:
- User Story 1: As a user, I want to be able to see all the pictures of items in a gallery so that I can easily spot my lost item.
- User Story 2: As a user, I want to be able to upload posts (pictures & details) that I find on campus, so that it can be easier for other students to find lost items.
- User Story 3: As a user, I want to be able to view messages that I've sent to other users so that I can see if someone found my lost item.
- User Story 4: As a user, I want to navigate through the web pages so that I can parse through the website in a convenient and organized matter.

Scenario:
1. Start/Open Slug & Found web app
2. Enter login information from Sprint 1 - Scenario (1)
   a. E-mail: janedoe@ucsc.edu
   b. Password = "cmps115"

        c.   Click "Log In"

        d.   You should now be at the homepage and be able to view the pictures of items in a gallery.

3. To make a new post: At the top left of the screen, select the button that looks like "≡"

        a.   Select "New Post"

        b.   Enter in a Title such as "iPhone"

        c.   Enter a description such as "Found iPhone 8 on the floor"

        d.   Enter in location such as "Jack Baskin 101"

        e.   Select ""Choose File"

            i.   Select the photo of the iPhone on your device

        f.   Select "Submit"

        g.   Your new post should be on the home page

4. To view messages from other users:

        a.   At the top left of the screen, select the button that looks like "≡"

        b.   Select ""My Messages"

        c.   It will display no messages because you currently do not have any messages

5. To navigate through the website:

        a.   At the top left of the screen, select the button that looks like "≡"

        b.   You will have different options to click on to navigate through the website

Sprint 3:

-   User Story 1: As a user, I want to be able to message other users about lost or found items, so that I can claim/give back the item.

-   User Story 2: As a user, I want to be able to search through all the posts, so that I can find a specific item.

-   User Story 3: As a user, I want to be able to have a profile page, so that I can view mine and other users contact information.

-   User Story 4: As a user, I want to be able to see all the pictures of items found/lost in a gallery, so that I can easily spot my lost item.

Scenario:

1. Start/Open Slug & Found web app

2. Enter login information from Sprint 1 - Scenario 1

        a.   E-mail: janedoe@ucsc.edu

        b.   Password = "cmps115"

        c.   Click "Log In"

3. Select the post "Hydroflask"

        a.   Select the user who posted the item "jmontesd"

        b.   Select "MESSAGE"

        c.   At the bottom of the screen, click above the line to the left of "SEND"

        d.   Enter in a message such as "Hello! I found a hydro flask recently!"

        e.   Click on "SEND"

        f.   Your message should be sent to jmontesd where the user will be able to view and reply to your message

4. At the top left of the screen, select the button that looks like "≡"
5. Select "HomePage"
    a. At the top of the screen in the "Search Item" search bar, enter an item to search such as "Umbrella"
    b. You should see all posts that have "umbrella" in the title
6. At the top left of the screen, select the button that looks like "≡"
7. Click on your username "Janedoe" or click on "My Profile"
    a. You should now see your profile page
8. To view another user's profile
    a. Click on any post such as "Umbrella"
        i. Click on the username "jmontesd"
    b. You should now be on jmontesd's profile page
9. To view the gallery
    a. At the top left of the screen, select the button that looks like "≡"
    b. Click on "HomePage"
    c. You should now be able to see a gallery of all the items that were posted

Unit Tests:

Jackie → SearchBar.test.js
Jasleen → SideBar.test.js
Gurpreet → Profile.test.js
Steven → Messaging.test.js
Cesar → Rest of the test files, TestMaster