

# CSE 115A – Introduction to Software Engineering

## Test Plan and Report

### SlugFind

6/4/24

A. **User Story #1:** As a student, I want to place markers for classrooms and lecture halls to help myself and other students locate classrooms quicker and more efficiently.

B. **User Story #2:** As a user, I want to report incorrectly placed markers to make sure all markers are accurate for other users.

C. **User Story #3:** As a user, I want an easy access search bar to let me find my destination building or classroom marker and locate it for me on the map.

D. **User Story #4:** As a user, I want to be able to have greater control over the map to help me view the location I'm searching for clearly.

E. **User Story #5:** As a user, I want to sign into an account so I can always have my local markers saved so I always know where my specific classes are.

F. **User Story #6:** As a user, I want the amount of markers to decrease when I zoom out so it is not extremely clustered.

#### Scenario 1:

1. Start application
2. Sign in
3. Hold and press on any location within UCSC
4. Type in your marker name and description and select a floor number
5. Press submit and it's automatically visible for everyone

(Test Passed)

#### Scenario 2:

1. Start application and sign in
2. Tap on a marker to bring up the marker dialog
3. Hit report and type in your reasoning
4. Submit and the developers will resolve the issue

(Test Passed)

**Scenario 3:**

1. Start application
2. Sign in
3. Type something into the search bar
4. Select the room that you are looking for

(Test Passed)

**Scenario 4:**

1. Start application
2. Sign in
3. Utilize the zoom buttons at the bottom right of the screen to zoom in (+) and out (-), in addition to touch controls.

(Test Passed)

**Scenario 5:**

1. Start application and sign up
2. Local markers will always be visible and are the only ones visible by default, and the switch at the top can switch from "Local" mode (your markers only) to "Global" mode (markers from all users).

(Test Passed)

**Scenario 6:**

1. Start application and sign up
2. Start zoomed out and check that markers are clustered into the colleges
3. Zoom in and check that markers uncluster

(Test Failed)

No tests were automated.