

Tests

GpsActivity

1. Map view

Preconditions: Application installed on an Android device.

Test steps:

1. Launch the application.
2. Press the redirectToGpsActivity button.
3. Verify that the map is displayed with no gray tiles.

2. Map overlay

Preconditions: Test 1 is working. User located in GpsActivity. The phone has figured out your current position.

Test steps:

1. Verify that an orange arrow image is in the center of the map view.
2. Press a finger on the arrow.
3. Verify that a dialog with "Current Location" appears.
4. Move away from your current position(physically)
5. Verify that the previous arrow has disappeared and a new arrow can be found on your new location.

3. Radius overlay

Preconditions: Test 1 is working. User located in GpsActivity. A room has just been created, using this phone.

Test steps:

1. Verify that a green circle is surrounding the arrow image
2. Move to a location that's outside the previously mentioned circle
3. Verify that the circle has changed color from green to red.

4. Scroll map

Preconditions: Test 1 is working. User located in GpsActivity.

Test steps:

1. Swipe with your finger on the map.
2. Verify that the map is moving and that it has loaded new map information.

5. Zoom map

Preconditions: Test 1 is working. User located in GpsActivity.

Test steps:

1. Click anywhere on the map.
2. Verify that a zooming-tool appears on the screen.
3. Verify that zooming is possible by pressing the zoom-in(+) button and the zoom-out(-) button.
4. Pinch with two fingers on the map.
5. Verify that the map zooms in/out.

6. Compass

Preconditions: Test 1 is working.

Test steps:

1. Verify that a compass is displayed in the upper left corner of the map.

2. Rotate the phone and verify that the compass needle is pointing the same way throughout the whole rotation process.