

**EECE3093 Software Engineering** (Spring 2016)

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| **UNIT TESTING REPORT** |  |  |  |  |  |
| Lab ID (please underline): | Lab1 | | Lab2 | Lab3 | Lab4 |
| Team number: Team 3 |  |  |  |  |  |
| Test on: Emulator/Android device | | |  |  |  |

**Test Cases Information**

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| **Test ID** | **Feature ID** | **Input(s)** | **Expected Output** | **Actual Output** | **Remarks /**  **Comments** |
| TC1 | M-Feature1 | -Click options tab  -Select “Navigation” | Search bar where user can enter an address and select “Search”. | Same as expected. | Simple test for Mapbox feature 1. |
| TC2 | M-Feature2 | -Enter TD1 into Navigation search bar  -Select “Search” | Marker shown on map at requested location. | Same as expected. | TD1 is defined in the test data table below. |
| TC3 | M-Feature2 | -Enter TD2 into Navigation search bar  -Select “Search” | Marker shown on map at requested location. | Same as expected. | TD2 is defined in the test data table below. This was to test how navigation worked with landmark names as opposed to a specific address. |
| TC4 | M-Feature3 | -Follow TC2 input step  -Select marker | Dialog pops up with specific information about requested location. | Same as expected. | Simple test for Mapbox feature 3. |
| TC5 | M-Feature4 | -Follow TC4 input step.  -Select “navigate here…” option within dialog. | Route from current location (set to University of Cincinnati campus) to requested location is displayed. | Same as expected. | Current location of emulator was set to be UC’s campus from within the code for testing purposes. |
| TC6 | M-Feature5 | -Enter TD3 into navigation search bar  -Select marker  -Select “navigate here..” option  -Select preferred route | Once “navigate here…” option is selected, user will have a choice on which route they prefer. Once a route is chosen, it is displayed on the map. | Same as expected. | TD3 is defined in the test data table below. Again, current location of emulator was set to be UC’s campus. |
| TC7 | C-Feature1 | -Enter TD4 into the applicable fields  -Select the Add to contacts button  -Navigate to the List tab | After filling in the fields and using the Add to contacts button, a message should pop up confirming it was added. After navigating to the List tab, the added contact should be there and fully visible. | Same as expected. | TD4 is defined in the test data table below. |
| TC8 | C-Feature1 | -Follow the steps of TC7  -Select the overflow menu button and then select the Settings option that is shown | After selecting the Settings option, the Privacy settings dialog should be shown. | Same as expected. | TD4 is defined in the test data table below. |
| TC9 | C-Feature1 | -Follow the steps of TC8  -Select the Hide button | After using the hide button, the Privacy settings dialog should not be visible. | Same as expected. | TD4 is defined in the test data table below. |
| TC10 | C-Feature1 | -Follow the steps of TC8  -User checks in the Address checkbox  -Follow the last step of TC9 | All contacts should have hyperlinks on their address. | Same as expected. | TD4 is defined in the test data table below. |
| TC11 | C-Feature1 | -Follow the steps of TC10  -Follow the steps of TC8 | The state of the checkboxes should be the same as the user left it. | Same as expected. | TD4 is defined in the test data table below. |
| TC12 | C-Feature1 | -Follow the steps of TC11  -Close out of the application  -Start it up again and follow the steps of TC8 | The state of the checkboxes should be the same as the user left it. | Same as expected. | TD4 is defined in the test data table below. |
| TC13 | M-Feature6 | -Follow the steps of TC4 using TD1 | The “Add to Contacts…” hyperlink should now be visible. | Same as expected. | TD1 is defined in the test data table below. |
| TC14 | M-Feature6 | -Follow the steps of TC13  -Click on the “Add to Contacts…” hyperlink. | - The “Add to Contact” button should now be visible. | Same as expected. | TD1 is defined in the test data table below. |
| TC15 | M-Feature6 | -Follow the steps of TC14  - Click on the “Add to Contact” button. | Contact Manager should now pop up with the appropriate fields populated. | Same as expected. | TD1 is defined in the test data table below. |

**TEST DATA**

Test data may be provided separately in the following format and Test data id may be mentioned in the Test case description and expected results column in the above table. This promotes reuse of test data. Else Test data may be provided directly in the above table itself.

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| **Test Data ID** | **Test Data** |
| TD1 | 100 Joe Nuxhall Way, Cincinnati OH, 45202 |
| TD2 | Great American Ballpark |
| TD3 | Paul Brown Stadium |
| TD4 | Name: Bob Smith  Phone#: 555-123-4567  Email: student@mail.college.edu  Address: (refer to TD1) |