

## SafetyPal component tests

### Login Activity Test Cases

Test case	Description:	Tested by	Result (Pass/Fail)
Login registration	Test for initial login page and account registration	Evan	Pass
Step #	Details	Expected result	Actual Result
1	Open application	Login page should load	As expected
2	Press Register	Application should prompt for username	As expected
3	Enter username: <ucscspt01>	Username should appear in textbox	As expected
4	Press Register	Application should prompt for password	As expected
5	Enter email: <ucscspt01@gmail.com>	Email should appear in textbox	As expected
6	Press Register	Application should prompt for password	As expected
7	Enter password: <safety2018>	Password should display in textbox as stars	As expected
8	Press Register	Main homepage should load	As expected

Test case	Description:	Tested by	Result (Pass/Fail)
Login Startup	Test for initial login page and account login	Evan	Pass
Step #	Details	Expected result	Actual Result
1	Open application	Login page should load	As expected
2	Press Login	Application should prompt for username	As expected
3	Enter username: <ucscspt01>	Username should appear in textbox	As expected
4	Press Login	Application should prompt for password	As expected
5	Enter email: <ucscspt01@gmail.com>	Email should appear in textbox	As expected
6	Press Login	Application should prompt for password	As expected
7	Enter password: <safety2018>	Password should display in textbox as stars	As expected
8	Press Login	Main homepage should load	As expected

### Main Activity Test Cases

Test case	Description:	Tested by	Result (Pass/Fail)
Main Elements	Ensure Main Activity User Interface elements are available	Susana	Pass
Step #	Details	Expected result	Actual Result
1	Press logout button	Application should return to login prompt	As expected
2	Follow Test Case: Login Startup	Application should open Main Activity window	As expected
3	Check background element	Should display a blue to white gradient	As expected
4	Ensure distress button display	Yellow envelope icon should be displayed on center of screen	As expected
5	Ensure text message box is displayed properly	Message box should not be interfering with distress button.	As expected

6	Ensure Contacts and Location buttons are cor	Both button should be at bottom of screen and not interfering with the distress button	As expected
7	Ensure latitude and longitude is displayed	Coordinates must be in top left corner of screen and not interfering with the distress button	As expected
8	Click Contacts button	Manage Contacts activity should load.	As Expected
9	Press back button	Application should return to Main Activity page	As Expected
10	Press Location button	Map view activity should load.	As Expected
11	Press back button	Application should return to Main Activity page	As Expected

Test case	Description:	Tested by	Result (Pass/Fail)
Send Distress SMS	Test SMS send functionality	Rami	Pass
Step #	Details	Expected result	Actual Result
1	Click contacts button	Manage Contacts Activity should load	As Expected
2	Enter name: <ucscspt02>	Text should appear in name field	As Expected
3	Enter email: <ucscspt02@gmail.com>	Email should appear in email field	As Expected
4	Enter Phone number <valid number for sms>	Number should appear in email field	As Expected
5	Press Add contacts	Contact should be added to list	As Expected
6	Press back button	Application should return to Main Activity page	As Expected
7	Press distress button (yellow envelop)	SMS app should load with custom message: "SafetyPal alert: \$maps url\$"	As Expected
8	Press send button	SMS should be sent to number added as contact	As Expected
9	Return to main activity and enter a message into the custom message field.	Message should appear in field.	As Expected
7	Press distress button (yellow envelop)	SMS app should load with custom message: "SafetyPal alert: \$custom message\$: \$maps url\$"	As Expected
8	Press send button	SMS should be sent to number added as contact	As Expected

#### Manage Contacts Activity Test Cases

Test case	Description:	Tested by	Result (Pass/Fail)
Add Contacts		Ali	Fail
Step #	Details	Expected result	Actual Result
1	Click contacts button	Manage Contacts Activity should load	As Expected
2	Enter name: <ucscspt02>	Text should appear in name field	As Expected
3	Enter email: <ucscspt02@gmail.com>	Email should appear in email field	As Expected
4	Enter Phone number <valid number for sms>	Number should appear in email field	As Expected
5	Press Add contacts	Contact should be added to list	As Expected
6	Press back button	Application should return to Main Activity page	As Expected
7	Repeat steps 1 to 6, 7 times	As above	As Expected
8	Check if list view shows contacts	List view should display added contact	As Expected
9	Ensure the list view did not add duplicate cont	List view should show only one contact	Duplicates are added

#### Map View Activity Test Cases

Test case	Description:	Tested by	Result (Pass/Fail)
Map View		Ali	Pass
Step #	Details	Expected result	Actual Result
1	Click Location button	Map View Activity should load	As Expected
2	Ensure map properly focuses on device location	Map should take a few seconds to find location and draw a blue dot on the map	As Expected
3	Pinch map with two fingers and zoom in	Map should zoom in	As Expected
4	Pinch map with two fingers and zoom out	Map should zoom out	As Expected
5	Use one finger to move map around	Map should move to a different location	As Expected
6	Press reticle button at top right corner of page	Map should focus back to device location	As Expected
7	Press back button to return to Main Activity	Application should return to main Activity Page	As Expected