

## Test Plan for Skunk

As a sharer, I want to share my location with people I choose from my contacts list (receivers)				
Test Plan ID	Instructions	Expected Output	Test Case Type	Severity
Choose friends 001, Success choose	2. Click a friend from the list given  3. Click “done” button	A share page with sharing information and friend name will appears.	functional	1
Choose friends 002, Cancel choose	1. Click “choose friends” button  2. Select a friend in the list  3. Unselect friend from list	Friend should no longer be displayed as a receiver in the list.	functional	1
Choose friends 003, No friends	1. Click “choose friends” button	The empty list should appears and an error message should show that “you have no friends”	boundary condition	2
Choose friends 004, Friend is sharing	1. Click “choose friends” button  2. Select a friend in the list which is the current sharer	It should pop up a box said that “Failed to share”	boundary condition	2

<b>As a sharer, I want to be able to choose whether my location is shared for a set period of time, or until I reach a location that I select.</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Select time 001, Bad choose</b>	<b>1. Choose time before current time 2. Click on “done” button</b>	<b>It should display for error message for invalid time.</b>	<b>boundary condition</b>	<b>1</b>
<b>Select time 002, Good choose</b>	<b>1. Set time to current time 2. Click on “done” button</b>	<b>It should transfer to start sharing page.</b>	<b>functional</b>	<b>1</b>
<b>Select time 003, Good choose</b>	<b>1. Set time to 24 hour later than current time 2. Click on “done” button</b>	<b>The time condition should show the correct time to pick up and how many hours later from now.</b>	<b>boundary condition</b>	<b>1</b>
<b>Select time 004, Bad choose</b>	<b>1. Set time more than 24 hour later than current time 2. Click on “done” button</b>	<b>It should pop out error dialog for invalid time.</b>	<b>boundary condition</b>	<b>1</b>
<b>Select time 005, Cancel choose</b>	<b>1. Click “cancel” button</b>	<b>Nothing should change at the condition bar.</b>	<b>functional</b>	<b>2</b>

<b>As a sharer, I want to specify if I need to be picked up or not when I begin to share my location.</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Request ride 001, Set the request</b>	<b>1. Click on swapping button on the right side of Request a Ride</b>  <b>2. Repeat click on swapping button multiple times</b>	<b>Button should swap each time when click on it</b>	<b>functional</b>	<b>3</b>
<b>Request ride 002, Select location</b>	<b>1. Click “share location” button</b>  <b>2. Long press on the map to indicate the location</b>  <b>3. Click “done” button</b>	<b>A new pin indicate your location setting shown on the map. The condition bar should be the location you chosen.</b>	<b>functional</b>	<b>1</b>
<b>Request ride 003, Cancel location</b>	<b>1. Click “share location” button</b>  <b>2. Long press on the map to indicate the location</b>  <b>3. Click “cancel” button</b>	<b>No condition will be updated, the condition bar should show “No value selected”</b>	<b>boundary condition</b>	<b>2</b>

<b>As a receiver, I want to receive a notification when a sharer shares their location with me.</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>

<b>Receive notification 001, Successful receive</b>	<b>1. One user choose “Begin Sharing”</b> <b>2. Choose “request a ride”</b> <b>3. Select a contact a location, click submit</b>	<b>Another user (receiver) will receive the the notification successfully</b>	<b>functional</b>	<b>2</b>
<b>Receive notification 002, Not receive</b>	<b>1. One user choose “Begin Sharing”</b> <b>2. Not choose “request a ride”</b> <b>3. Select a contact a location, click submit</b>	<b>Another user will not receive any notification about this sharer.</b>	<b>functional</b>	<b>1</b>

<b>As a receiver, I want to be able to view the real-time location of each friend who has shared their location with me.</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Receive updates 001, Receive update</b>	<b>1. Select Monitor tab</b> <b>2. Select session on list</b>	<b>Map should zoom in and display sharer’s location</b>	<b>functional</b>	<b>1</b>
<b>Receive updates 002, Stop receiving updates</b>	<b>1. Select Monitor tab</b> <b>2. Select session on list</b> <b>3. On the session</b>	<b>It should return to the previous list of sessions to select session again</b>	<b>functional</b>	<b>2</b>

	page, select Stop Receiving Updates button			
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As a receiver, I want to have the option to stop receiving updates from a sharer.				
Test Plan ID	Instructions	Expected Output	Test Case Type	Severity
Stop receiving updates 001, Cancel updates	1. Click on monitor below  2. Click on session that would like to check  3. Click on stop receiving updates button	The current session should disappear from the session list and you will not get any updates from the sharer you choose	functional	1

As a sharer, I want to request to stop sharing my location.				
Test Plan ID	Instructions	Expected Output	Test Case Type	Severity
Stop sharing 001, Success request	1. Click the “minus sign” at front of friend’s ID.  2. Click on “End Sharing” button  3. Click on “ok”	Current client should send a request to server to stop sharing.	functional	1

	<b>button</b>			
<b>Stop sharing 002, Cancel request</b>	<b>1. Click the “minus sign” at front of friend’s ID.</b>  <b>2. Click on “End Sharing” button</b>  <b>3. Click on “cancel” button</b>	<b>The sharing should continue and nothing will send to server.</b>	<b>functional</b>	<b>1</b>

**As a receiver, I want to approve or reject a sharer’s request to stop sharing his or her location.**

<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Sharer stop sharing 001, Approve request</b>	<b>1. Sharer selects a receiver to share with.</b>  <b>2. Sharer selects the Stop Sharing button for the selected receiver.</b>  <b>3. Sharer confirms the form to stop sharing with receiver.</b>  <b>4. Receiver receives a prompt whether or not to approve or reject sharer’s attempt to stop sharing.</b>	<b>Receiver can no longer view sharer’s location.</b>	<b>Functional</b>	<b>1</b>

	<b>5. Receiver selects the Approve option.</b>			
<b>Sharer stop sharing 001, Reject request</b>	<b>1. Sharer selects a receiver to share with.</b> <b>2. Sharer selects the Stop Sharing button for the selected receiver.</b> <b>3. Sharer confirms the form to stop sharing with receiver.</b> <b>4. Receiver receives a prompt whether or not to approve or reject sharer's attempt to stop sharing.</b> <b>5. Receiver selects the Reject option.</b>	<b>Receiver can still view sharer's location.</b>	<b>Functional</b>	<b>1</b>

<b>As a sharer, I want to alert my receivers that I am ready to be picked up.</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Alert test 001, Open alert</b>	<b>1. On the sharer view, select "I need to be pick up"</b> <b>2. Set the location and choose the</b>	<b>The receivers on another phone should see the notification.</b>	<b>functional</b>	<b>2</b>

	<b>receiver.</b>  <b>3. Take the phone to the location that already set on the phone.</b>			
<b>Alert test 002, Close alert</b>	<b>1. On the sharer view, don't select "I need to be pick up"</b>  <b>2. Set the location and choose the receiver.</b>  <b>3. Take the phone to the location that already set on the phone.</b>	<b>The receivers will not get any notification unless he see it on the map manually.</b>	<b>functional</b>	<b>2</b>

<b>As a receiver, when I accept a pick-up request, I want to provide the sharer an estimated time of arrival.</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Provide ETA 001, Good limit</b>	<b>1. Accept sharer</b>  <b>2. A prompt with a time drop down list is displayed</b>  <b>3. Select time within the sharer's wait limit and hit the done button</b>	<b>Sharer should receive a notification with the live ETA by receiver</b>	<b>boundary</b>	<b>2</b>
<b>Provide</b>	<b>1. Accept sharer</b>	<b>Receiver should</b>	<b>boundary</b>	<b>2</b>



<b>ETA 001, Bad limit</b>	<b>2. A prompt with a time drop down list is displayed</b>  <b>3. Select time well past the sharer's wait limit and hit the done button</b>	<b>receive a prompt that their ETA is beyond Sharer's limit</b>		
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<b>As a receiver, I want to receive a notification when my friend has arrived to their location safely.</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Receive notification 001</b>	<b>1. As a receiver, select a share session in the monitor tab.</b> <b>2. Have the sharer move within the radius of the destination point on the map.</b>	<b>Receiver should receive a prompt</b>	<b>Functional</b>	<b>2</b>

<b>As a receiver, I want to know how far away a sharer is from my current location.</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Get mile 001, get distance</b>	<b>1. open application</b> <b>2.click on monitor view below to jump</b>	<b>it should show how far away from current location</b>	<b>functional</b>	<b>1</b>

	to monitor page 3.click on the one session in list 4.click on the sharer's location in map			
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As a receiver, I want to get directions to a sharer's location.				
Test Plan ID	Instructions	Expected Output	Test Case Type	Severity
Get directions 001, show directions	1. Open application using sharer's location as destination  2. Click on receiver's view, select "get directions"	It should show direction to a sharer's location	functional	3

As a user, I want to have the option of being both a sharer and a receiver.				
Test Plan ID	Instructions	Expected Output	Test Case Type	Severity
Share and receive 001, Share then	1. Select the Begin sharing button. 2. Select Choose Friends 3. Select a friend	Should see all sharers that have selected the user to share with in the Sessions list under the Monitor tab.	Functional	1

receive	from the list to share with. 4. Have a receiver send a share request to user. 5. Switch tabs to the Monitor tab	Receivers that the user has shared with should see the user's information in their monitor tab.		
Share and receive 002, Receive then share	1. Have a sharer send a share request to the user. 2. Switch tabs to the Share tab. 3. Select the Begin sharing button 4. Select Choose Friends. 5. Select a friend from the list to share with.	Receivers that the user has shared with should see the user's information in their monitor tab. Should see all sharers that have selected the user to share with in the Sessions list under the Monitor tab.	Functional	1

As a sharer, I want to view all friends I have shared my location with.				
Test Plan ID	Instructions	Expected Output	Test Case Type	Severity
Check location 001, List receiver's' location	1. Open application	Display sharer screen and display list of confirmed receivers.	functional	1

<b>As a user, I want to be able to access views for both the sharer and receiver role. (Not see on application)</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Access views 001, View as receiver</b>	<b>1. Open the receiver view  2. Select “receiver” tab</b>	<b>Display the respective tab.</b>	<b>functional</b>	<b>3</b>
<b>Access views 002, View as sharer</b>	<b>1. Open the sharer view  2. Select “sharer” tab</b>	<b>Display the respective tab.</b>	<b>functional</b>	<b>3</b>

<b>As a receiver, I want to be able to see if a sharer who wants to be picked up has already found a driver. (Not see on application)</b>				
<b>Test Plan ID</b>	<b>Instructions</b>	<b>Expected Output</b>	<b>Test Case Type</b>	<b>Severity</b>
<b>Check sharer 001, Check pick up</b>	<b>1. Open the monitor</b>	<b>If a sharer is not on the list, then it means he is already picked up.</b>	<b>functional</b>	<b>3</b>

<b>As a receiver, I want to be able to see the locations of all users who are sharing their location with me on a single map.</b>
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Test Plan ID	Instructions	Expected Output	Test Case Type	Severity
Check location 001, Success check locations	1. Use 2 device to open application 2. One device start sharing 3. Another device check sharer screen	The location of all users should display on the map as pins with different color.	functional	1
Check location 002, No sharers	1. The receiver check the map which there is no sharer	The map should contains no pins of sharers	boundary condition	3