

Requirements	Test Case	Expected
Login with email	<ul style="list-style-type: none"> - Valid Login Credentials - Invalid email - Invalid Password 	<ul style="list-style-type: none"> - Success - Failure - Failure
Login with Facebook	<ul style="list-style-type: none"> - Valid Login Credentials - Invalid Login Credentials 	<ul style="list-style-type: none"> - Success - Failure
Login with Twitter	<ul style="list-style-type: none"> - Valid Login Credentials - Invalid Login Credentials 	<ul style="list-style-type: none"> - Success - Failure
Sign up with email	<ul style="list-style-type: none"> - Email Already in Use - Valid Credentials - Invalid Password - Password doesn't match the re-typed password - Invalid Email (ex: doesn't have an @) - Whitespace-only username - Empty Username - Empty Email - Empty Password 	<ul style="list-style-type: none"> - Message - Success - Failure - Failure - Failure + message - Failure + message - Failure + message - Failure + message - Failure + message
Create a Group	<ul style="list-style-type: none"> - No name - Whitespace-only name - No description - Whitespace-only description - Else 	<ul style="list-style-type: none"> - Message - Message, no accept - Reminder, accept - Reminder, accept - Accept, trim whitespace, collapse whitespace in name
Add members to a Group	<ul style="list-style-type: none"> - Enter display name - Enter email - Enter phone number - Enter incomplete phone number or incomplete email 	<ul style="list-style-type: none"> - Display list of matching users or "no matches" - Detect email, no change - Detect phone number, no change - Display "no matches"
Join a public Group	<ul style="list-style-type: none"> - Tap "join group" - Accept confirmation message - Decline confirmation message 	<ul style="list-style-type: none"> - Displays confirmation message (y/n) - Message "request sent" - Dismiss messages
Join group via invite	<ul style="list-style-type: none"> - Tap "join" - Tap "delete" 	<ul style="list-style-type: none"> - Joins group - Deletes invite
Leave a Group	<ul style="list-style-type: none"> - Tap "Leave Group" - Accept confirmation message - Decline confirmation message 	<ul style="list-style-type: none"> - Display confirmation message (y/n) - Leave the current group and display nearby groups - Dismiss message
Enter display name	<ul style="list-style-type: none"> - Empty string - Too short (i.e. fewer than 3 characters) - All whitespace - Valid display name 	<ul style="list-style-type: none"> - Highlight, no accept - Highlight, no accept - Highlight, no accept - Accept, trim whitespace from begin/end, collapse consecutive whitespaces
Sign out of the App	<ul style="list-style-type: none"> - Tap "Log out" - Accept confirmation - Decline confirmation 	<ul style="list-style-type: none"> - Display confirmation (y/n) - Log out of the application and display login page - Dismiss confirmation message
Send a Group Message	<ul style="list-style-type: none"> - Empty string - Non-empty string 	<ul style="list-style-type: none"> - Send button disabled - Message sent to all members and immediately displayed in conversation
See locations of my group members	<ul style="list-style-type: none"> - Tap on "map" tab 	<ul style="list-style-type: none"> - Map is displayed, group member locations displayed on map as pins (zoomed out to display all group members)

Opt-out of location updates	<ul style="list-style-type: none">- Toggle “Enable Location Updates” off- Toggle “Enable Location Updates” on- Accept confirmation- Decline confirmation	<ul style="list-style-type: none">- Display toast/notify message- Display confirmation message- Share user location- Toggle “Enable Location Updates” off
Receive message	<ul style="list-style-type: none">- Received message	<ul style="list-style-type: none">- Unread indicator in tab navigation bar