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Performance Testing Defects									
#	Expected Input			Expected Output			Defect Output		
Volume Testing Defects									
#	Expected Input			Expected Output			Defect Output		
6	User hits 'enter' enough times to go beneath the screen of the chat box.			The chat box will be a fixed length and won't allow you to enter anything beyond a certain point.			Text box will enlarge without the option of resetting the size of the box.		
26	The user navigates to their profile page, enters text for region and bio, selects the "upload" button			The user's region and bio information is updated and can be seen by other users			There is no limit to the amount of text you can have in your profile bio. When you view a profile that has profile bio text that goes off the screen, you cannot scroll down.		
Stress Testing Defects									
#	Expected Input			Expected Output			Defect Output		
Usability Testing Defects									
#	Expected Input			Expected Output			Defect Output		
1	User taps on their picture in their profile section and an option appears to upload a photo from the photo library.			User uploads a photo and sets it as their profile picture.			When someone in your contact list changed their profile pic, you wouldn't get the update		
2	User taps on their picture in their profile section and an option appears to upload a photo from the photo library.			User uploads a photo and sets it as their profile picture.			When someone changes their profile pic, it will delete the last contact when you close and reopen the app		
4	User swipes left on a contact in their contacts list and presses the delete button			The contact is removed from the contact list.			If you delete the contact of a current chat and go back to the chat, it will crash the app		
5	User swipes left on a contact in their contacts list and presses the delete button			The contact is removed from the contact list.			When you delete contacts that are in a group chat, their messages still show up but their picture and name are omitted		
3	User changed their profile picture, then starts a chat with a contact			The other user sees the updated profile picture.			The other user will see an old picture.		
7	The user navigates to their profile page, enters text for region and bio, selects the "upload" button			The user's region and bio information is updated and can be seen by other users			There is no cancel button and the done button does not work		
9	User selects the "add friend" button and types the correct username of their desired friend. Then adds them again to their contact list.			The friend is added to their contacts and is displayed on the "contacts" page. When the user adds their friend again, it will say "Contact already exists"			A "ghost contact" will be created along side the original contact.		
10	User types around 20-22 lines to send in a message			The message area will have a scroll bar so users can scroll to see their entire message before sending			The scrolling locks so the users cannot see whatever they type, but the whole message will still be sent.		
12	User goes through their entire contact list and deletes everyone			The app should properly remove every contact			The last contact cannot be deleted		
11	User tries to sign up with an email that is already in use.			The app will display a message alerting the user that using an email that is already in use is not allowed.			The app displays 'OK' as the message and does not elaborate on the specifics of the error message.		
13	User uses the search bar and then navigates to another tab.			The cancel button goes to its neutral position			The cancel button does not disappear		
14	User navigates to the "chat" tab, selects the plus button and selects desired friend to chat with. Then adds that friend multiple times.			The app will not allow adding the same friend multiple times			Worked properly sometimes, other times it created the group chat with only one contact.		
15	User tries to add "ghost contacts", deletes one of them afterwards, and then logs out			The user will have one less contact as a result of removing the single instance.			All contacts including the real contact will be deleted.		

18	User signs up for the app for the first time	The user sees "Username", "Password" and "Password Again" fields	The "password again" text box is blocked because of the keyboard.	
19	User logs out and logs back into the app	All of the user's contacts, messages, and etc. are intact	The user's contacts are duplicated as a result	
22	User swipes left on a contact in their contacts list and presses the delete button	The contact is removed from the list	User can't delete the last contact in their list	
25	User taps on their picture in their profile, uploads a picture from their photo library, and repeats the process a second time	The first photo is replaced with the second photo	When you change your profile picture and create an individual/group chat, it does not change your picture in the chat.	
27	User adds seven contacts to be included in a chat	The chat will be created with the seven contacts that the user selected	The app will not create a chat that has more than six contacts	
28	User logs out of app	All chats on the user's profile are deleted	A user can restore old messages by logging out, creating a new account, adding contacts that do not exist, and messaging one of those contacts. This will crash the app and upon reloading old messages will appear.	

#### Security Testing Defects

#	Expected Input	Expected Output	Defect Output	
8	User inputs an invalid email upon creating an account.	The app should tell the user that the email is invalid	The user is still accepted into the app.	
16	User logs out of the application and receives a message	All conversations are deleted	When a message is sent to a user that is already logged out, the message will be sent to them twice when the user logs in.	
20	User enters a username.	The username should not have whitespace in it	User can have whitespace in username	
21	User presses the signin button and inputs a username, email, and consistent passwords	User is registered for the app	When creating an account, the password checking will only check if the password is 6 characters. In the "Password Again" field, you can type anything that begins with the same characters as the "Password" field. (ex. Password = "qwertyuiop", Password Again = "qwer")	
23	User enters a password and then a different password again field	The app tells the user that the passwords don't match	When creating an account, if the "Password" and "Password Again" fields don't begin with the same characters, the app will crash when you press "Sign Up".	
24	User enters an incorrect password more than three times	The app locks the user from entering a password until they verify their email	When you log into the app and you enter your password incorrectly, there is no limit for the amount of times that you can continuously enter in an incorrect password	