

## Unit Testing

Product	More Friends Unit Testing		
Date	9/23/2015		
Author	Jiaping Qi		
Moderator	Tan Kean Jye		
Inspectors	Lingyu Kong, Kaijun He, Qi Zhang		
Recorder	Aaron Kar Ee Ho		
Defect #	Description	Severity	How Corrected
1	"R.id" is not recognized, program can not compile.	1	Clean and rebuild the project.

Product	Login Activity Unit Testing		
Date	9/22/2015		
Author	Lingyu Kong		
Moderator	Jiaping Qi		
Inspectors	Lingyu Kong, Kaijun He, Qi Zhang		
Recorder	Tan Kean Jye		
Defect #	Description	Severity	How Corrected
1	Success when user input nothing but just click "sign in" button	1	Check the length of the user's input.
2	Success when user input email within 2 words	2	Check the length of the email should be at least 2
3	No warning information if user enter an invalid username and password.	2	Show the error message using Toast().

4	Failed to login if user input the email address with leading space.	2	Trim the email address before compare.
---	---	---	--

Product	Sign Up Unit Testing		
Date	9/23/2015		
Author	Aaron Kar Ee Ho		
Moderator	Tan Kean Jye		
Inspectors	Lingyu Kong, Kaijun He, Jiaping Qi		
Recorder	Qi Zhang		
Defect #	Description	Severity	How Corrected
1	No warning message if user enter a username in use.	2	Show the error message using toast()
2	Success when user input nothing but just click "sign up" button	1	Check the length of the string fields in the "sign up" button's onClickListener
3	Failed to sign up if user input the email address with leading space.	2	Trim the email field before proceeding
4	No warning message if user enters a nickname too short	2	Check that the length of nickname string is not less than 3 and produce a toast() message if so
5	No warning message if user enters a password too short	2	Check the length of password is not less than 6 and produce a toast() message if so

Product	Main Page Unit Test		
Date	9/25/2015		
Author	Qi Zhang		
Moderator	Jiaping Qi		
Inspectors	Lingyu Kong, Kaijun He, Aaron Kar Ee Ho		
Recorder	Tan Kean Jye		
Defect #	Description	Severity	How Corrected
1	If the user typed too much message in the last chat, the list view will show for the whole page.	2	Set the maximum lines to one.
2	Nothing happens when Go button is clicked.	1	Add onClickListener on the "Go" button.
3	When user click "Go" button, instead of show a list of 10 random user, one user's profile shown up.	1	Change the argument of the onClickListener from "contact" to "contact_list"
4	When user slide from one page to another, the new page is just a blank page.	1	Change the value of PAGE_COUNT each time when slide.
5	When user is inactive for a long time and when memory is low. Global variable fragments become null. Thus, crashing the app.	1	Instead of storing fragments in global variable, return new instance of fragment when scrolling.
6	ConvertView is reinflated whether it is null or not.	3	We reuse the view if it is not null

Product	Chatroom Unit Test
Date	9/25/2015

Author	Lingyu Kong		
Moderator	Lingyu Kong		
Inspectors	Tan Kean Jye, Aaron Kar Ee Ho, Jiaping Qi		
Recorder	Qi Zhang		
Defect #	Description	Severity	How Corrected
1	If the number of messages exceed the page, the user cannot view the newest messages.	2	Scroll list to the bottom when user click the editText.
2	User is allowed to send empty messages.	2	Disable the "send" button if there is no message in the editText.
3	User is allowed to send whatever length of words they want without getting error message if the sentence is too long.	3	Add warning message if the word in editText is more than 200.

Product	Contact Info Unit Test		
Date	9/25/2015		
Author	Jiaping Qi		
Moderator	Jiaping Qi		
Inspectors	Lingyu Kong, Kaijun He, Qi Zhang		
Recorder	Aaron Kar Ee Ho		
Defect #	Description	Severity	How Corrected
1	If the user's description is too long, it will occupy the whole screen and the "start chat" button will disappeared.	2	Check the user's description and only show the first 100 words.

Product	Forget Password Unit Test		
Date	9/25/2015		
Author	Jiaping Qi		
Moderator	Jiaping Qi		
Inspectors	Lingyu Kong, Kaijun He, Qi Zhang		
Recorder	Aaron Kar Ee Ho		
Defect #	Description	Severity	How Corrected
1	App crash when forget password button is clicked.	1	Declare forget password activity in the manifest file.
2	User can enter an empty string for e-mail address and not get an error message	2	Check for email address length.
2	User can enter invalid email address and not get an error message	2	Check for email address validity.