

Code Inspection Defects

Product	Login Activity Inspection		
Date	9/21/2015		
Author	Lingyu Kong		
Moderator	Tan Kean Jye		
Inspectors	Qi Zhang, Kaijun He, Aaron Kar Ee Ho		
Recorder	Jiaping Qi		
Defect #	Description	Severity	How Corrected
1	The program don't check whether email or password is blank when user press click the "log in" button. This would cause the program crash.	1	Add an if else statment to check whether the email and passord is null.
2	User cannot log in even use the correct email and password.	1	To compare two strings, we should use compareTo() function instead of "==" sign.
3	Password field does not hide characters.	2	Set EditText for password's inputType to "textPassword"
4	User cannot see log in button when typing messages in the textview. When typing the message user cannot scroll down the view.	2	Add all content of login activity into the scroll view.
5	User doesn't get notified when they failed to login.	2	Add error message using Toast.

Product	Sign Up Inspection		
Date	9/22/2015		
Author	Kaijun He		
Moderator	Tan Kean Jye		
Inspectors	Lingyu Kong, Aaron Kar Ee Ho, Jiaping Qi		
Recorder	Qi Zhang		
Defect #	Description	Severity	How Corrected
1	The function doesn't check for spaces if user input spaces in password when registering.	2	Trimming leading and trailing spaces. Simply calling <code>string.trim()</code> function.
2	User can create an account with an invalid email address. This will cause a problem if user want to reset the password in the future.	1	Add the regular expression and check the pattern of the email input.
3	There is no button effect when clicking the "create account" button.	3	Create a new drawable button and implement its "startColor", "stroke" and "coners" attribute.
4	Hint "password" does not show up.	3	Add attribute "hint" into the password textview.
5	After creating account, user is redirected to main page. If he clicks back, he gets back to login page.	2	If sign up is successful, add a return value "result_ok" to login page to finish login activity.
6	User cannot see button when typing messages in the textview. Keyboard will block some features of the activity.	2	Add all content of sign up activity into a scroll view.

Product	Main Page Activity Inspection		
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	When user slide to a new page and click on the blank position that go button was previously in, it will still click the go button.	1	Remove the fading slide effect and its function which will caused the bug.
2	Clicking the entry in chat list will not open the correct chat room.	1	Change onClickListener to onItemClickListener to list.
3	The main page shows a blank page.	1	Initialize the PAGE_COUNT to be 2. Since we have 2 pages. Return PAGE_COUNT in the getCount() function.
4	If the user name is too long, it will cover the date on the right side of the list entry.	3	Set the max length of name to be 20.

Product	Chatroom Inspection
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	After sending the message successfully, the text in the textfield box has not been reset	2	Add a line of code to set the chatMessage to be empty each time after sending successfully
2	The chatting history has deleted after refreshing the page	1	Create a new object messageHistory. Each time while sending the message, append this current message to messageHistory.
3	Message cannot be send after clicking "send" button.	1	Call startListener() at the end of the onCreate() function.
4	User cannot see button when typing messages in the textview. Keyboard will block some features of the activity.	3	Add all content of chatroom activity into a scroll view.

Product	Contact Info Inspection		
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	When opening the contact info page, the whole program crashed	1	Change the loading method to circle crop image view.

	because cannot load the bitmap image.		
2	Back button does not working when click on it.	1	Add clickListener to the back button.
3	Information of the contact can be edit by user.	3	Change the editText view to text view.

Product	Seach Friend Page Inspection		
Date	9/25/2015		
Author	Qi Zhang		
Moderator	Tan Kean Jye		
Inspectors	Kaijun He, Jiaping Qi, Aaron Kar Ee Ho		
Recorder	Lingyu Kong		
Defect #	Description	Severity	How Corrected
1	The "GO" button doesn't show up.	1	Changed linearlayout orientation from horizontal to vertical.
2	The "GO" button cannot stay in the middle of the page	1	Change gravity attribute.

Product	Forget password screen module inspection		
Date	9/25/2015		
Author	Kaijun He		
Moderator	Tan Kean Jye		
Inspectors	Lingyu Kong, Aaron Kar Ee Ho, Jiaping Qi		
Recorder	Qi Zhang		
Defect #	Description	Severity	How Corrected
1	When user try to click between cancel and reset button, the boundary is not reacting as expected	1	Add one more empty textview layout to avoid this condition happening
2	Cancel and reset button position is set manually, which can't fit different devices.	2	Use android weight attribute to prevent the need to hardcode position values.