

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 cannot 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 many messages 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 shows 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 re-inflated 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 | Set scrollview as the parent view of the class. |

| | | | |
|------------|--|----------|--|
| 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 crashes 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. |