

Unit Testing

Product	Edit Profile Unit Testing		
Date	10/13/2015		
Author	Aaron Ho		
Moderator	Kean Jye Tan		
Inspectors	Jiaping Qi, Lingyu Kong, Kaijun He		
Recorder	Qi Zhang		
Defect #	Description	Severity	How Corrected
1	User can input an age above 120.	3	Make a check to see if user's age/birth date is legitimate by limiting it between 0 - 120.
2	User can have conflicting birth date and age	3	Update both user's birth date and age whenever either one is updated by the user.
3	When user tries to access photo gallery, the program lags, caused by intene performance on loading images.	1	Load image in background thread using async task.
4	When accessing images in photo gallery, images are flickering and misplaced.	1	Used android stock gallery.
5	When using camera to take photos, images is inefficiently stored in photo gallery first and user has to refresh the photo gallery and select the recent image.	2	Directly use image after capturing in camera, sending it to crop image activity.
6	User are allowed to crop images that are very small in width and height.	3	Set the minimum width and height to 200px.

7	When crop window is minimized too much, user are not able to enlarge it.	2	Set a reset button to reset crop window to it's original width and height.
8	App crashes due to lack of memory when transferring image from crop image activity back to edit profile activity.	1	Reduce resolution(size) of image file before passing it back to edit profile.
9	Image upload failed due to the row size limit in database.	1	Save thumbnail of image in database table. Save full resolution image as a separate file in server.

Product	Full Screen Unit Testing		
Date	10/15/2015		
Author	Jiaping Qi		
Moderator	Kaijun He		
Inspectors	Lingyu Kong, Kean Jye Tan, Aaron Ho		
Recorder	Qi Zhang		
Defect #	Description	Severity	How Corrected
1	When user image is null, if user attempts to preview it on full screen, the program will crash.	2	Make a check to see if image is null before calling full screen activity.

Product	Logout Unit Testing		
Date	10/15/2015		
Author	Jiaping Qi		
Moderator	Kaijun He		
Inspectors	Lingyu Kong, Kean Jye Tan, Aaron Ho		
Recorder	Qi Zhang		
Defect #	Description	Severity	How Corrected
1	When user try to login after logging out, the program will crash.	2	Make sure that user successfully logs out before sending user to login page.