

Test Report

Test Report Title:	Profile Settings and Private User Profile information	Date	6/3/20
User story:	A4, A3 & A5		
Unit Test Results:			
In sequence and individually all Junit4 tests for the 'UserInfoPrivate' class (containing all the users private info, excluding passwords) passed successfully.			
Other Testing done:			
Individual automatic Espresso tests all passed individually. In sequence and individually all Junit4 tests for the 'UserInfoPrivate' (containing all the users private info) class passed successfully. In sequence tests a new password needs to match failed due to Espresso placing text in the wrong text input box. The process also hung repeatedly after the 'TestFilterAndPrivacyInfosStoredAndRetrieved' test when tested in sequence. The reason for this is was un-able to figure out although the login page failed to load for this test in sequence which may hint at why. Total testing time for Espresso tests was in excess about 4 minutes. Thread.sleep was required to essentially wait for Firebase data to be retrieved at login slowing the tests down. This could possibly be improved by making a fake login but is much safer for tests that require a re-login.			

Test Report

Running tests...	2 m 47 s 157 ms
com.group4sweng.scranplan.ProfileSettingsTest	2 m 47 s 157 ms
✓ testAboutMelsStoredAndRetrieved	20 s 934 ms
✓ testAboutMeAndNumRecipesRetrieved	8 s 85 ms
✓ testUsernameLoads	7 s 747 ms
✓ testResetPasswordActionIsDisplayed	9 s 457 ms
✓ testEmailCannotBeDisplayed	14 s 603 ms
✓ testFullProfileLoads	9 s 234 ms
✓ testTextInputIsFocusable	8 s 443 ms
✓ testDeleteActionIsDisplayed	8 s 966 ms
✓ testBlankFieldInputsFail	11 s 651 ms
✓ testSpammingSaveSettingsButtonFails	14 s 521 ms
✓ testUsernameRetrieved	7 s 857 ms
✓ testShortPasswordsFail	13 s 777 ms
✗ testNewPasswordsNeedsToMatch	12 s 661 ms
✓ testUsernamesStoredAndRetrieved	19 s 221 ms
✗ testFilterAndPrivacyInfosStoredAndRetrieved	

Manual testing:

All the following tests were successful.

- Deleting the user's profile and ultimately removing associated credentials and associated collections within Firebase and locally in app.
- Resetting the user's password for multiple accounts & then re-logging back in.
- Verifying the correct prompts are displayed. (Toast messages).

Comments:

Added a check for a minimum password reset length of 6 characters. This may introduce issues.

Tester(s)	Joe Butler, Louis Newman
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