

Test Report

Test Report Title:	Profile settings tests	Date	15/4/20
User story:	A4		
Unit Test Results:			
<div>▼ ✓ UserInfoPrivateTest (com.group4sweng.scranplan.UserInfoPrivateTest) 5 ms<ul style="list-style-type: none">✓ testInitialInfoCanBeSet 4 ms✓ testBasicAllergyPreferencesCanBeSet 1 ms✓ testUIDCanBeSet 0 ms✓ testOtherBasicInfoCanBeSet 0 ms✓ testPrivacyOptionsSucceedOnCorrectHashMapEntry 0 ms✓ testPrivacyOptionsFailOnIncompleteHashMapEntry 0 ms</div>			
<p>All tests for UserInfoPrivate class passed.</p> <p>Changes were made to include new data added/removed from the UserInfoPrivate class. For e.g. the Mealplanner and initial launch values.</p>			
Other Testing done:			

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▼ Test Results	4 m 42 s 496 ms
▼ com.group4sweng.scranplan.ProfileSettingsTest	4 m 42 s 496 ms
✓ testFiltersLoad	14 s 543 ms
✓ testImageProgressBarDisplays	10 s 794 ms
✓ testImageStillUploadingDialogBox	11 s 124 ms
✓ testUserInfoPrivateDeepClone	12 s 222 ms
✓ testUsernameLoads	9 s 801 ms
✓ testPrivacyInfosStoredAndRetrieved	22 s 726 ms
✓ testResetPasswordActionIsDisplayed	11 s 414 ms
! testEmailCannotBeDisplayed	17 s 71 ms
✓ testUsernameAndAboutMeRetrieved	9 s 393 ms
✓ testTextInputsFocusable	10 s 806 ms
✓ testDeleteActionIsDisplayed	10 s 839 ms
✓ testBlankFieldInputsFail	14 s 172 ms
✓ testSpammingSaveSettingsButtonFails	17 s 340 ms
✓ testPrivatePrivacyInfosStoredAndRetrieved	22 s 979 ms
✓ testShortPasswordsFail	16 s 260 ms
✓ testPrivacyLoad	9 s 544 ms
✓ testPrivacyOptionsSync	14 s 823 ms
✓ testUsernameAndAboutMelsStoredAndRetrieved	22 s 459 ms
✓ testNewPasswordsNeedsToMatch	14 s 636 ms
✓ testButtonsLoad	9 s 550 ms

Espresso Tests

In sequence one test that the email cannot exist within the username failed but when tested individually it worked fine assuming it was just a bug. This is one of the issues with having a Thread.sleep approach to loading the app is that if the app takes too long to update the tests may not catch it.

Other than that all tests passed in sequence.

New tests have been added for...

- Making sure the new filters + privacy options layouts, including public/private and allergens/dietary tabs all work.
- That the privacy options sync so that if a privacy option is enabled in public it is auto enabled in private or if disabled on private it is disabled on public.
- New dialog tests for making sure when an image is being uploaded the user is notified if they try to leave and the image upload progress bar is displayed.
- Buttons, e.g. save, reset, delete profile buttons.
- We can make a deep clone of the UserInfoPrivate object preventing us passing by reference when editing values before saving so these can just be discarded, this was a major issue beforehand that I didn't spot.

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Manual tests

All tests to do with image uploads, retrieval, deletion, file size, type etc... where done manually on multiple accounts.

Due to the way the image picker works simply simulating using Espresso tests is not easy or may be impossible. Hence my reasoning for using manual tests.

Comments:

All of the following test results are in addition to existing results conducted prior on 6/3/20 for user stories A4, A3 and A5.

Tester(s)

Joe Butler