**Lab Assignment #3**

GitHub link: <https://github.com/ItsYourFriendFred/c304Lab3>

Screenshots:

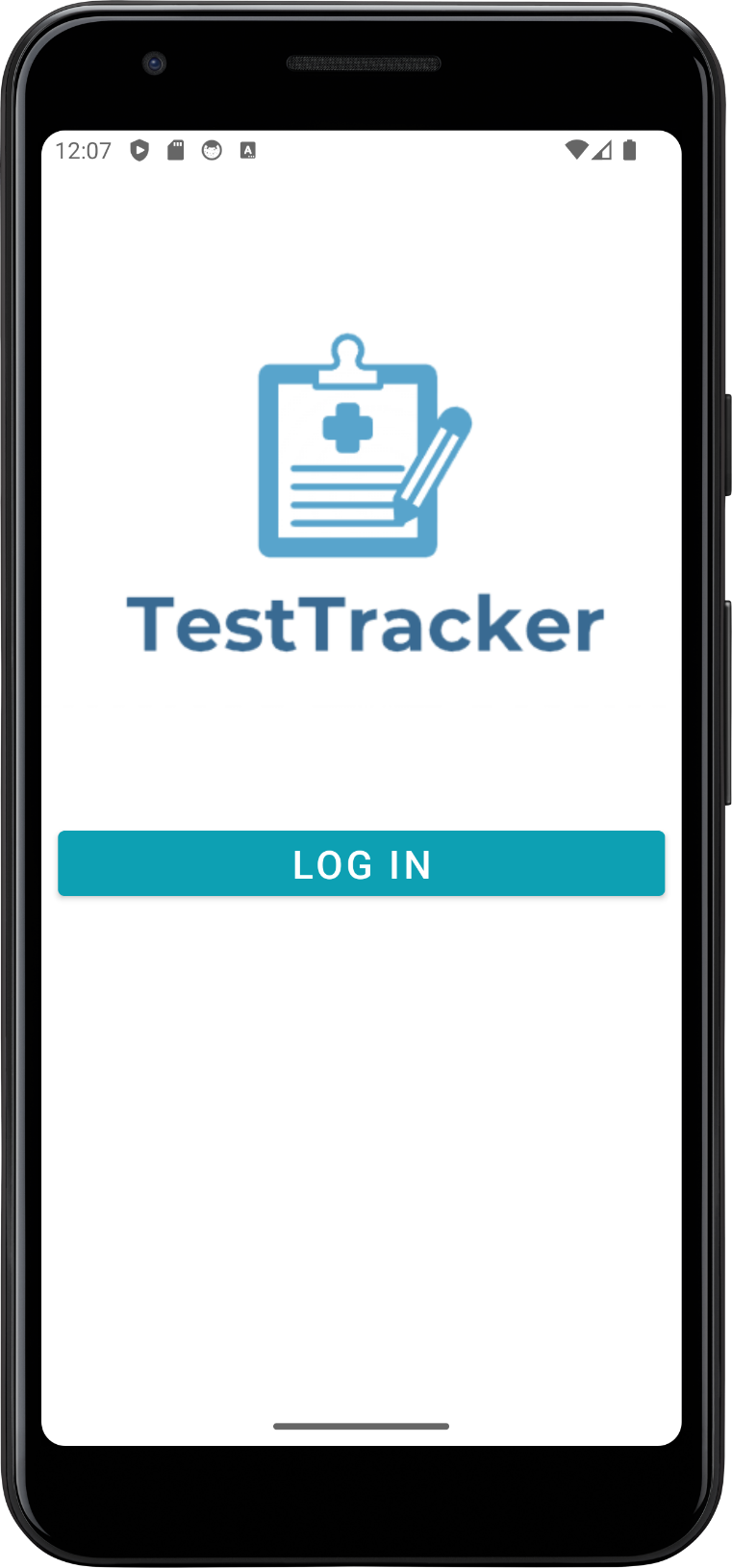
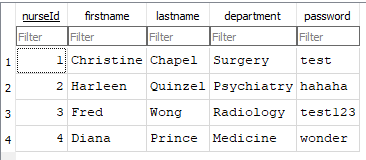


Figure 1. Splash screen activity that leads to login activity

A screen shot of a phone

Description automatically generated

Figure 2. Login activity. Username uses Nurse ID. An account consisting of username: 1 & password: test may be used for browsing and testing. Features validation for existing accounts and that the inputs aren’t blank.

A screen shot of a cell phone

Description automatically generated

Figure 3. Main activity listing all patients. The user can add a patient using the floating action button or through the action bar menu. The user can click on an existing patient to bring up their information for viewing or editing.

A screenshot of a phone

Description automatically generated

Figure 4. Adding a patient through the Patient activity. The Nurse ID is pre-populated using Shared Preferences; the field is disabled and the ID is automatically used during data insertion. Features validation that the name fields aren’t blank.

A screen shot of a phone

Description automatically generated

Figure 5. Main activity after a patient has been added.

A screenshot of a phone

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Figure 6. Updating a Patient’s information through the UpdateInfo activity.

A screen shot of a phone

Description automatically generated

Figure 7. Main activity showing the updated patient information.

A screenshot of a phone

Description automatically generated

Figure 8. Clicking View Tests from the UpdateInfo activity instead brings the user to the ViewTestInfo activity that lists all of the particular patient’s tests. Clicking the floating action button or using the action bar menu leads to adding a test.

A screenshot of a phone

Description automatically generated

Figure 9. Test activity where the user can add a test. The Nurse ID is pre-populated using Shared Preferences; the field is disabled and the ID is automatically used during data insertion. Features validation that the fields aren’t blank.

A screenshot of a cell phone

Description automatically generated

Figure 10. Filling in the fields and then adding a test.

A screen shot of a phone

Description automatically generated

Figure 11. The ViewTestInfo activity after adding the new test. The list is implemented as a RecyclerView.

A close-up of a cell phone

Description automatically generated

Figure 12. Using the newly created Patient, Bruce Wayne with Patient ID 3, their ViewTestInfo activity starts as an empty list since no tests have been added yet. A message is shown when the list is empty.