

The Notebook App

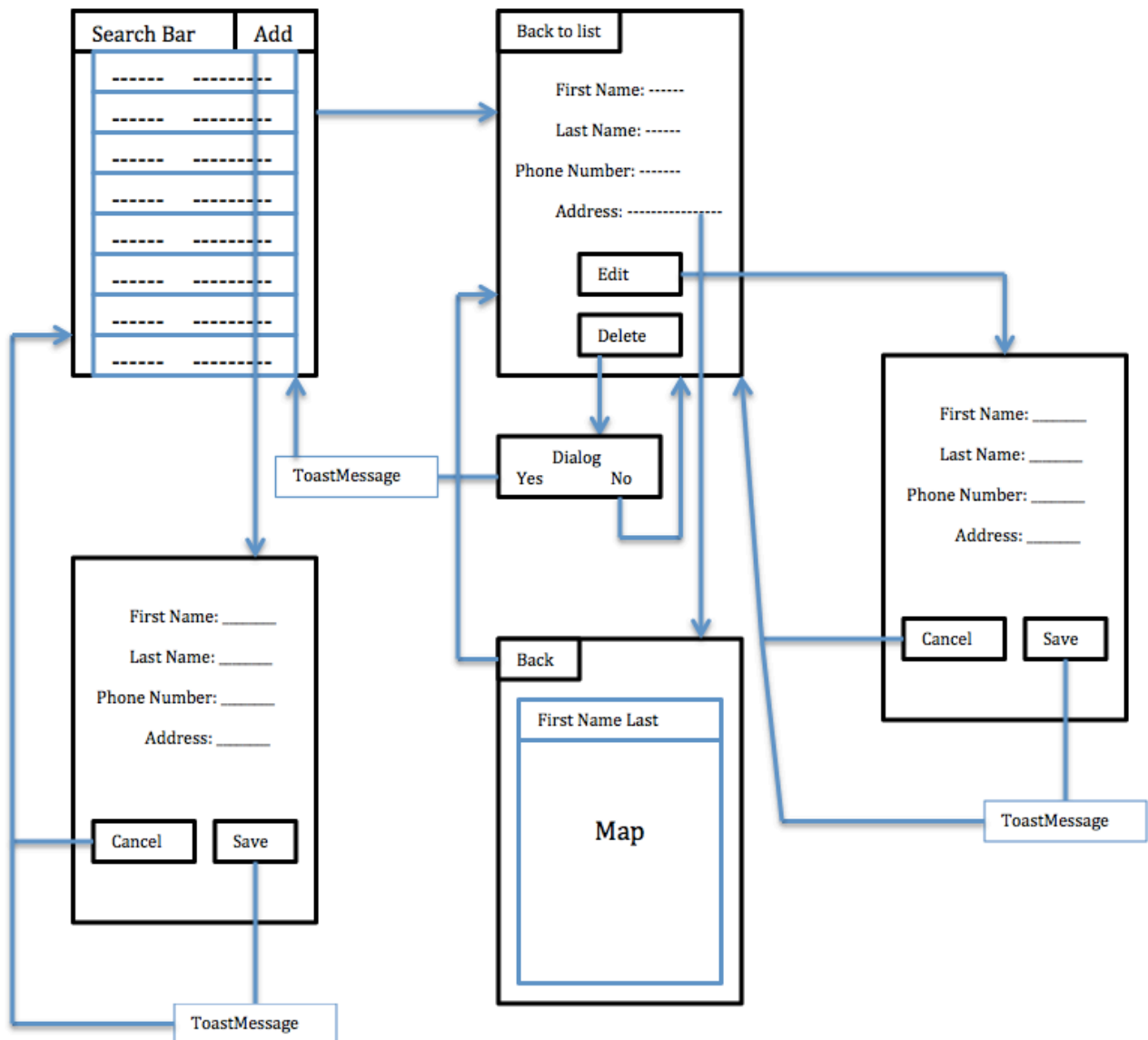
Final Project

Manon Chancereul -- A20330164

Table of Contents

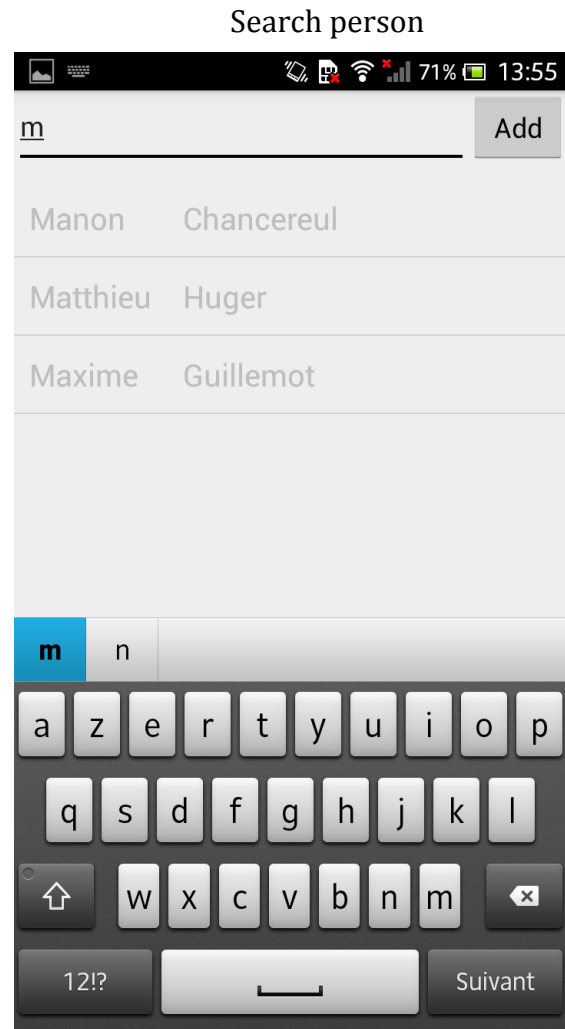
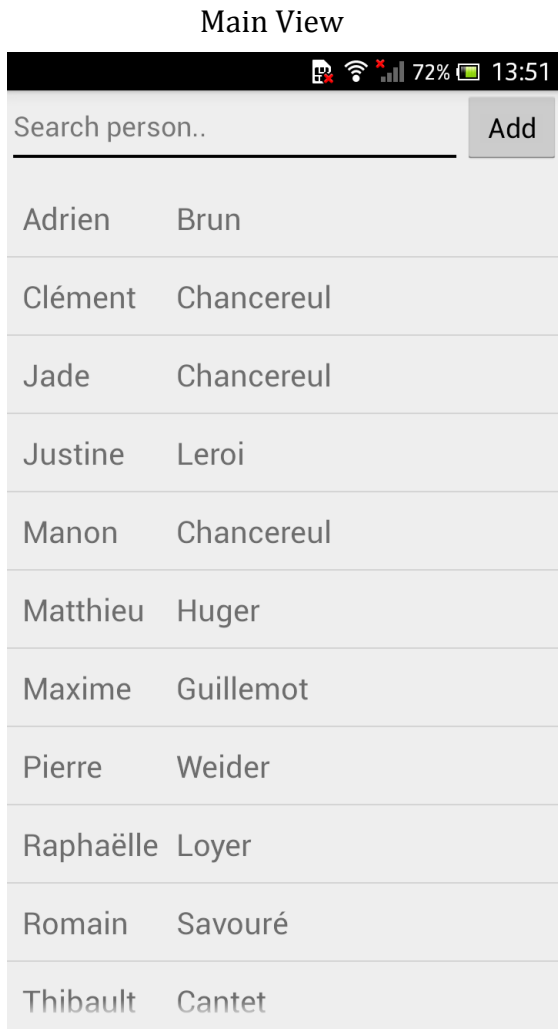
I. Design before implementation.....	3
II. Snapshots (from real device)	4
1) Main Activity.....	4
2) Add a person (Create operation).....	5
3) Person details (Read operation)	6
4) Edit a person (Update operation)	7
5) Delete a person (Delete operation)	8
6) Maps (Google Maps API v2)	9
7) Birthday Notification	10
8) JUnit tests.....	11

I. Design before implementation



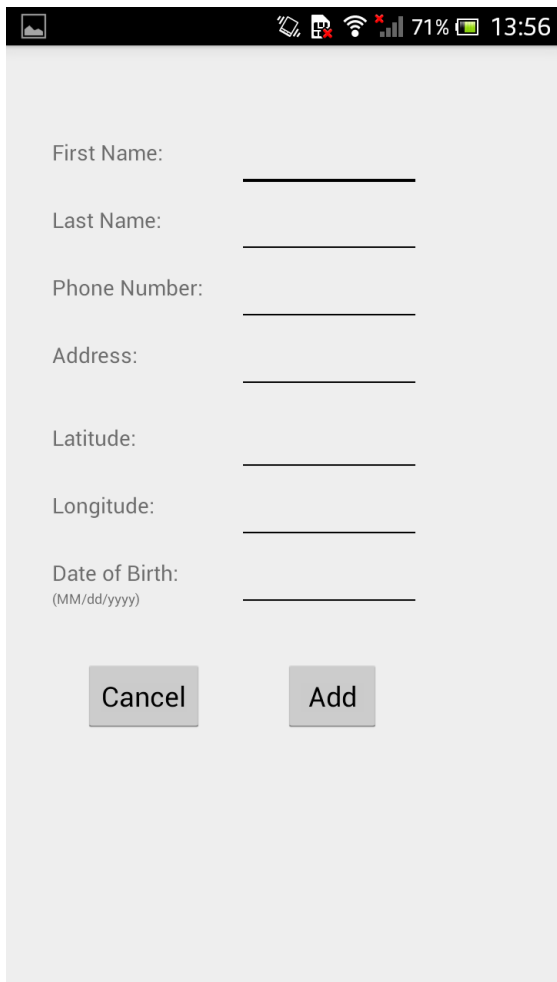
II. Snapshots (from real device)

1) Main Activity



2) Add a person (Create operation)

Form to add a person



First Name: _____

Last Name: _____

Phone Number: _____

Address: _____

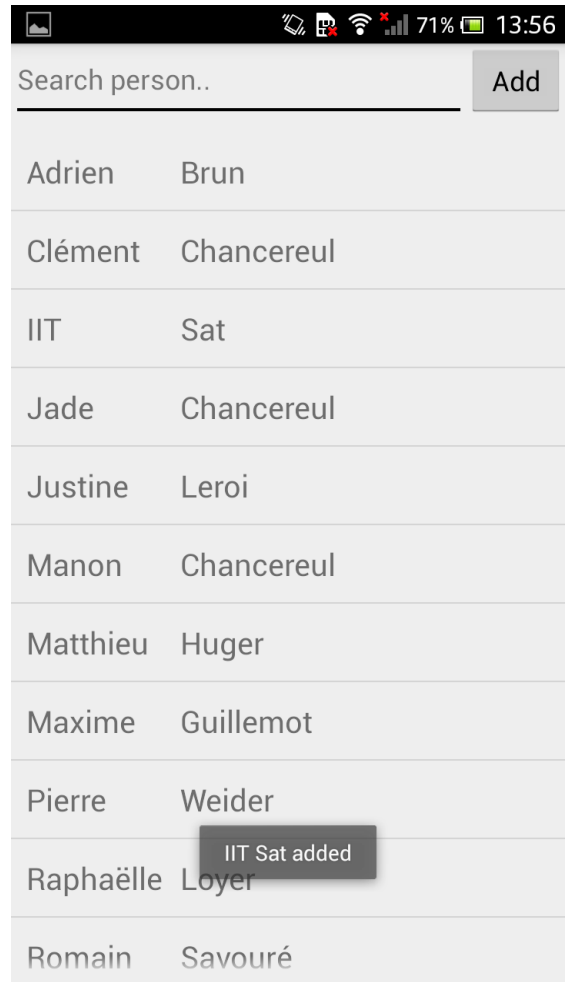
Latitude: _____

Longitude: _____

Date of Birth: _____
(MM/dd/yyyy)

Cancel **Add**

ToastMessage, person added

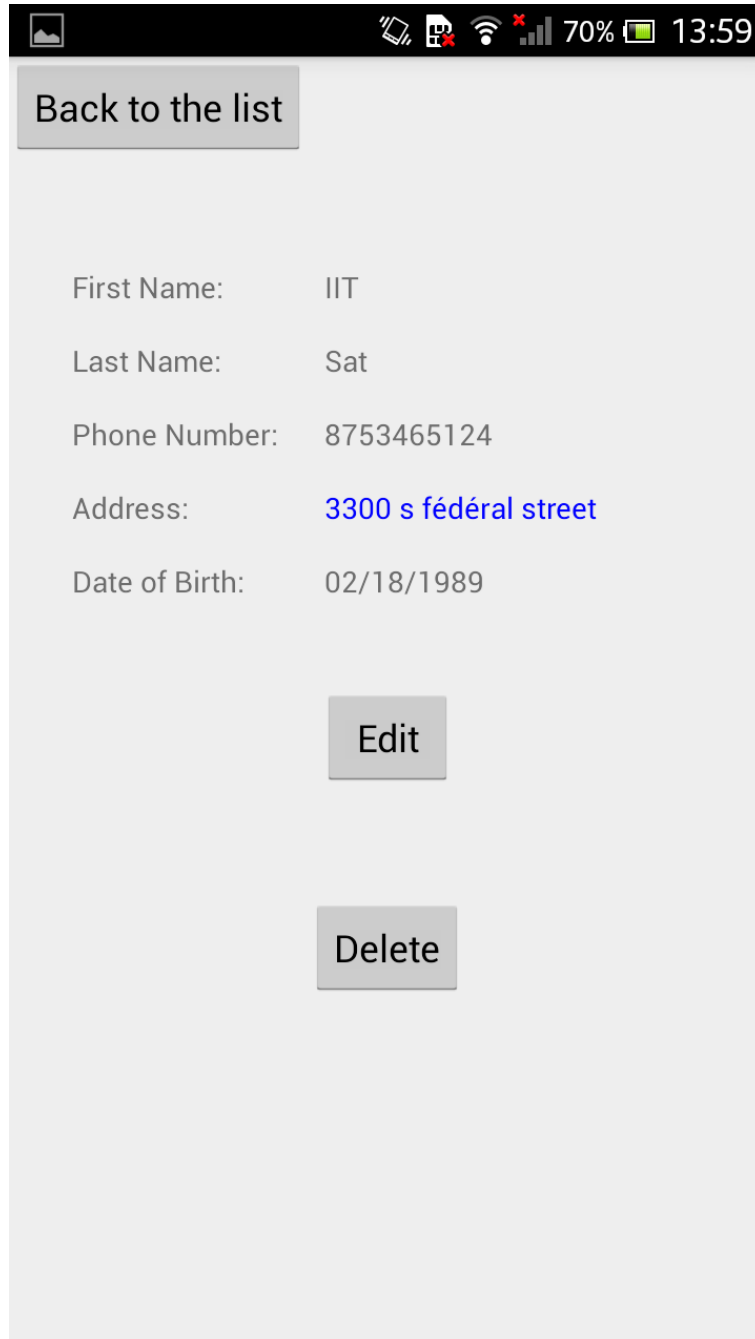


Search person.. **Add**

Adrien	Brun
Clément	Chancereul
IIT	Sat
Jade	Chancereul
Justine	Leroi
Manon	Chancereul
Matthieu	Huger
Maxime	Guillemot
Pierre	Weider
Raphaëlle	Loyer
Romain	Savouré

IIT Sat added

3) Person details (Read operation)



A screenshot of a mobile application interface. At the top is a black status bar with various icons (camera, rotation, document, Wi-Fi, cellular signal, battery at 70%, and time 13:59). Below the status bar is a light gray background. At the top left of the app area is a button labeled "Back to the list". In the center, there is a form with the following fields: "First Name:" with the value "IIT", "Last Name:" with the value "Sat", "Phone Number:" with the value "8753465124", "Address:" with the value "3300 s fédéral street" (highlighted in blue), and "Date of Birth:" with the value "02/18/1989". Below the form are two buttons: "Edit" and "Delete".

Back to the list

First Name: IIT

Last Name: Sat

Phone Number: 8753465124

Address: 3300 s fédéral street

Date of Birth: 02/18/1989

Edit

Delete

The Notebook App

Final Project

4) Edit a person (Update operation)

Edit a person

First Name:

Last Name:

Phone Number:

Address:

Latitude:

Longitude:

Date of Birth:
(MM/dd/yyyy)

ToastMessage, person updated

First Name: IIT

Last Name: Sat

Phone Number: 8753465124

Address: 3300 s fédéral street

Date of Birth: 02/18/1989

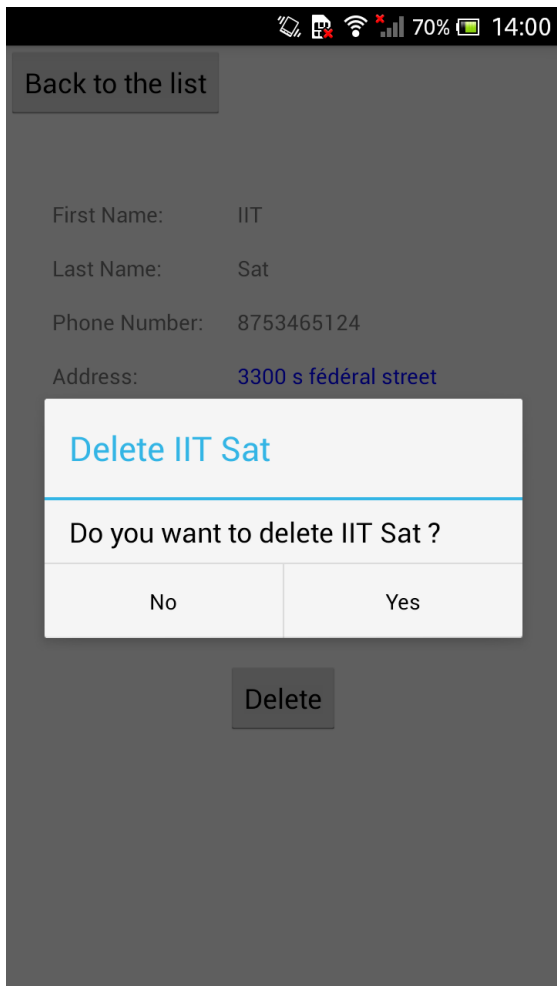
IIT Sat updated

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Final Project

5) Delete a person (Delete operation)

Dialog to delete a person



Back to the list

First Name: IIT

Last Name: Sat

Phone Number: 8753465124

Address: 3300 s fédéral street

Delete IIT Sat

Do you want to delete IIT Sat ?

No Yes

Delete

ToastMessage, person deleted

Search person..

Add

Adrien Brun

Clément Chancereul

Jade Chancereul

Justine Leroi

Manon Chancereul

Matthieu Huger

Maxime Guillemot

Pierre Weider

Raphaëlle Loyer

Romain Savoure

Thibault Cantet

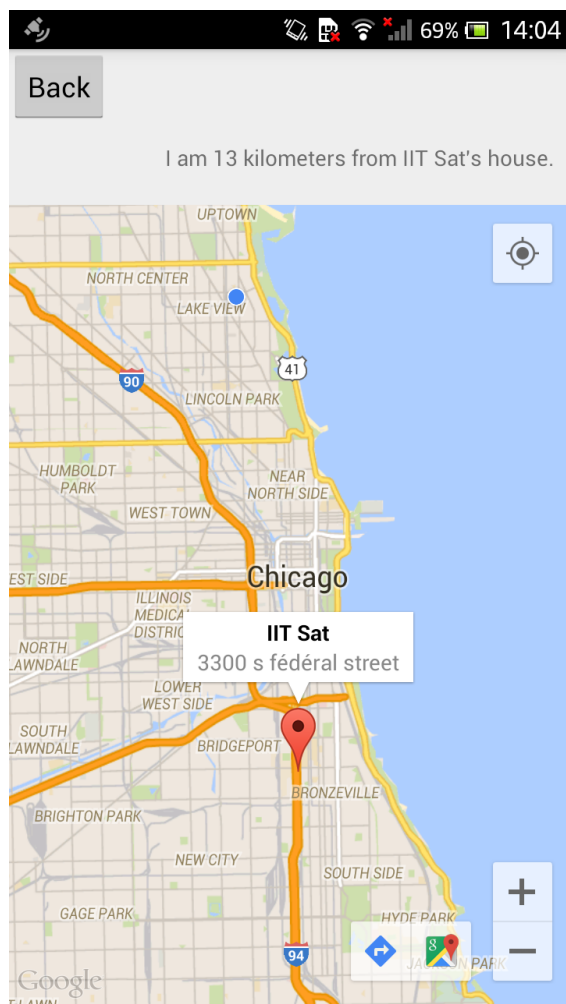
IIT Sat deleted

The Notebook App

Final Project

6) Maps (Google Maps API v2)

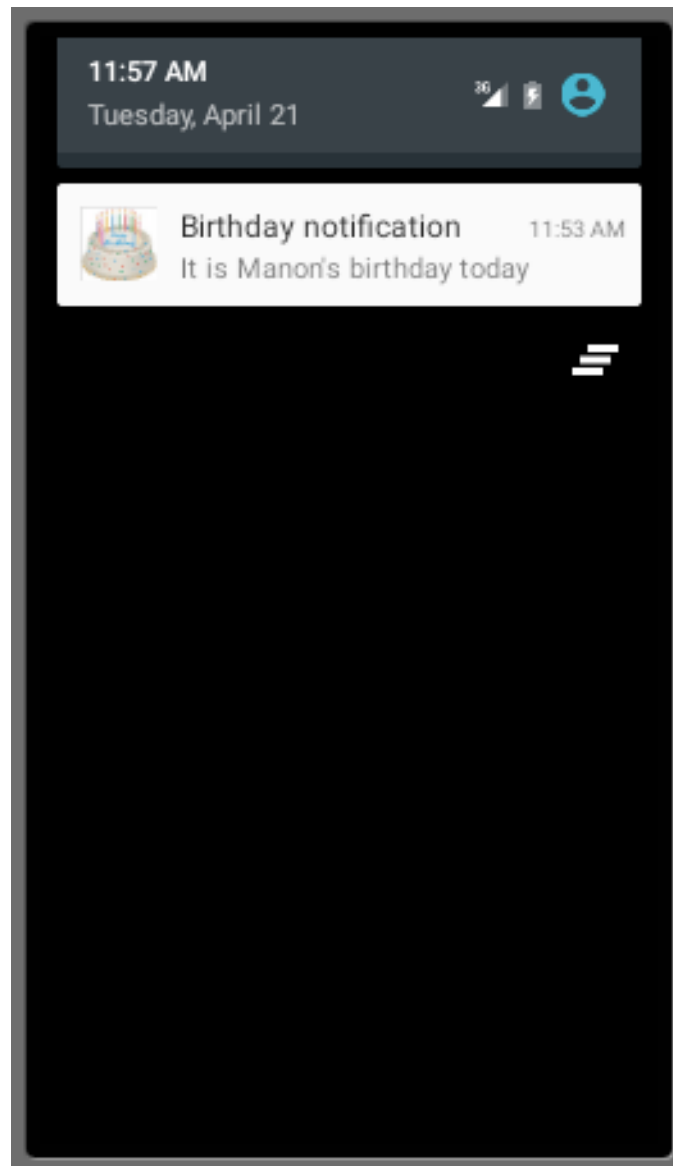
Distance in kilometers



Distance in meters



7) Birthday Notification



8) JUnit tests

Package Explorer JUnit

Finished after 0.483 seconds

Runs: 24/24 Errors: 0 Failures: 0

sony_ericsson-lt26i-CB511XR0DA [Runner: JUnit 3] (0.580 s) Fail

- com.example.notebook.test.PersonTest (0.267 s)
 - testAndroidTestCaseSetupProperly (0.103 s)
 - test_getAddress (0.031 s)
 - test_getDOB (0.000 s)
 - test_getFirstName (0.000 s)
 - test_getId (0.000 s)
 - test_getLastName (0.000 s)
 - test_getLatitude (0.000 s)
 - test_getLongitude (0.000 s)
 - test_getPhoneNumber (0.000 s)
 - test_setAddress (0.000 s)
 - test_setDOB (0.000 s)
 - test_setFirstName (0.000 s)
 - test_setId (0.000 s)
 - test_setLastName (0.000 s)
 - test_setLatitude (0.133 s)
 - test_setLongitude (0.000 s)
 - test_setPhoneNumber (0.000 s)
- com.example.notebook.test.SqlHelperTest (0.313 s)
 - testAndroidTestCaseSetupProperly (0.000 s)
 - test_A_getAllPeople (0.000 s)
 - test_B_addPerson (0.000 s)
 - test_C_getPerson (0.052 s)
 - test_D_updatePerson (0.000 s)
 - test_E_deletePerson (0.057 s)
 - test_F_getAllPeopleSearch (0.204 s)