Final project source code is available at

https://bitbucket.org/LolithaTupadha/cs175_finalproject/src/master/

Authorship

Lolitha Sresta Tupadha

- Implemented Signup and Login using Firebase
- Developed and implemented logic for Main Screen by retrieving data from firebase
- Developed Previous intake activity that shows a date picker and button and retrieves nutritional value of food consumed on particular date
- Implemented SQLiteOpenHelper to store weights and previously consumed food data
- Store and retrieve data from Firebase
- Merged all the activities together and implemented data flow between all screens
- Resolved exceptions across application
  Time spent: 70 hours

Aaron Sepra

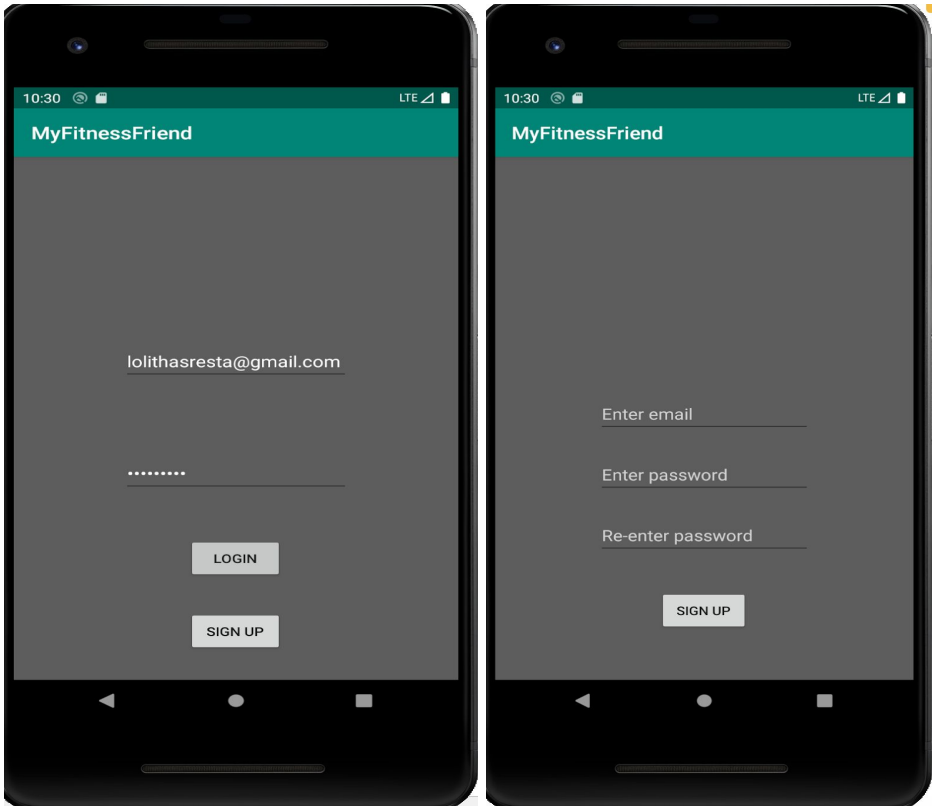
- Developed Login, signup, weights and check previous weights activities
- Had to learn how to display current data from developers.android
  Time Spent: 35 hours

Lifan zeng

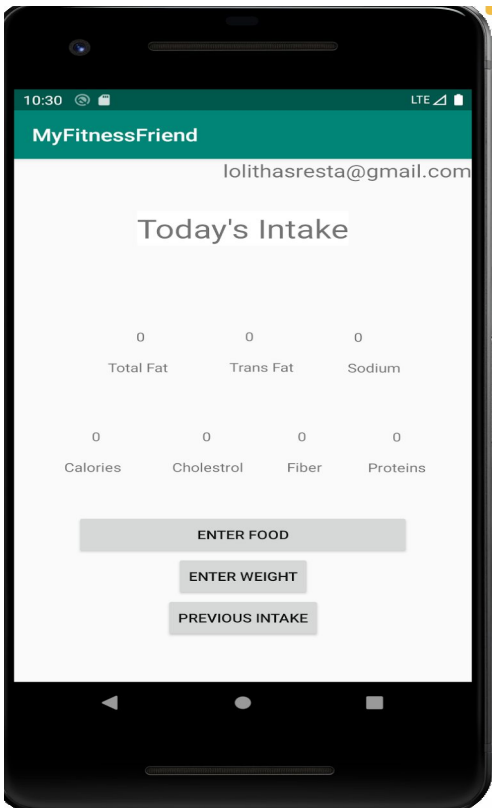
- Developed Food data manager and Enter Food screens
- Stored data using SQLite database and displayed on list view
  Time spent: 40 hours

Note: SnapShots of the program are presented in a PPT file that is uploaded and application demo is shown in a recorded demo.

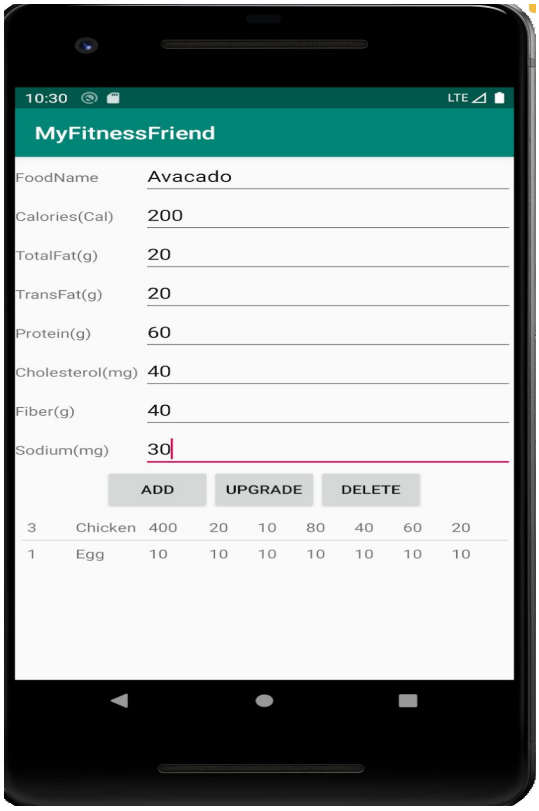
Screenshots are available here

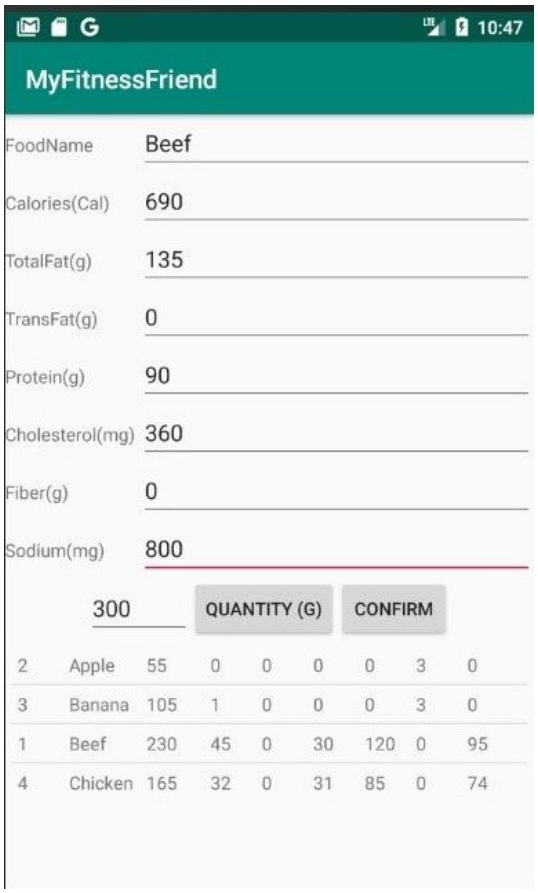


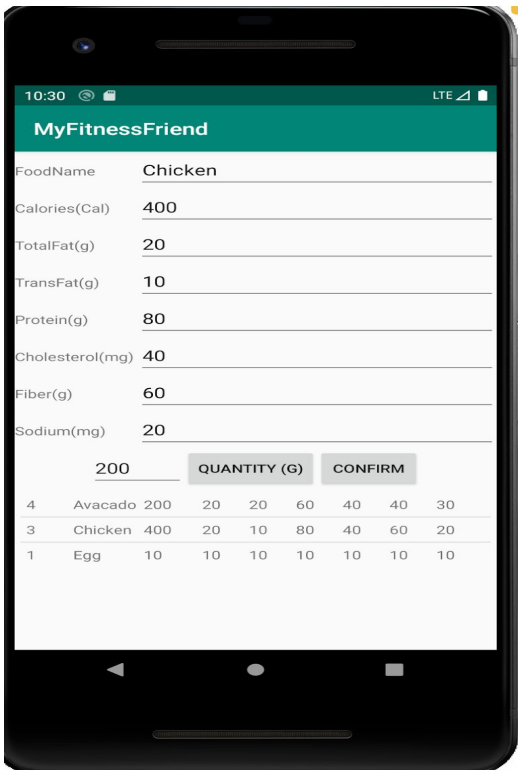
Main Screen

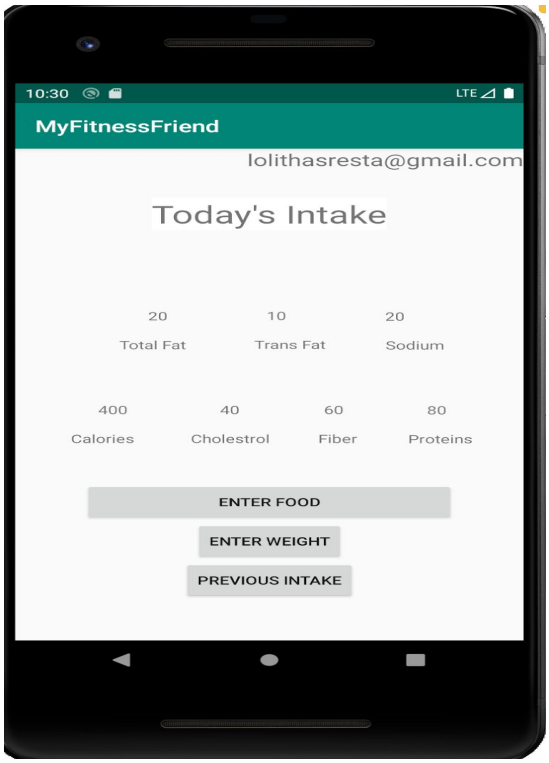

10:30
LTE
MyFitnessFriend
lolithasresta@gmail.com
Today's Intake
0
Total Fat
0
Trans Fat
0
Sodium
0
Calories
0
Cholestrol
0
Fiber
0
Proteins
ENTER FOOD
ENTER WEIGHT
PREVIOUS INTAKE

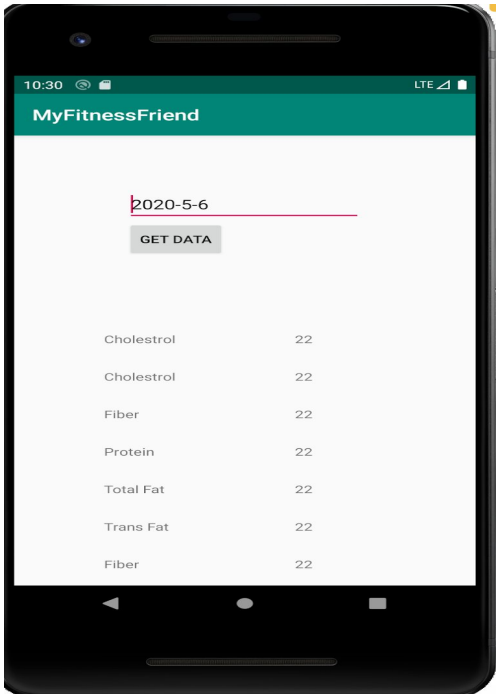
10:30
LTE
MyFitnessFriend
ENTER FOOD
FOOD DATA MANAGER

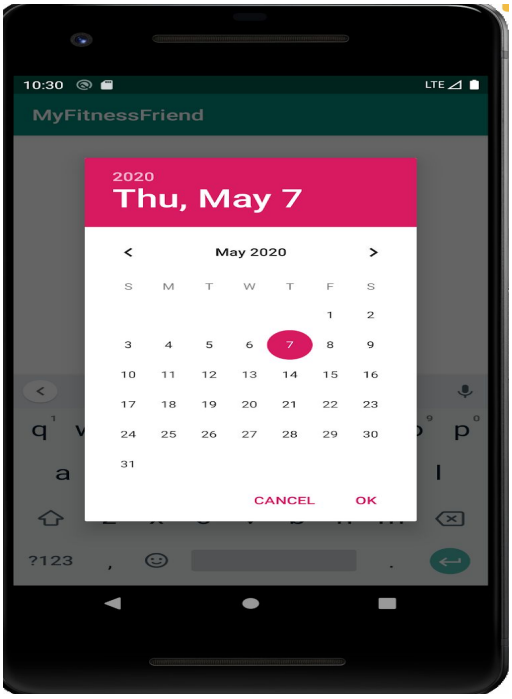

10:30
LTE
MyFitnessFriend
FoodName
Avacado
Calories(Cal)
200
TotalFat(g)
20
TransFat(g)
20
Protein(g)
60
Cholesterol(mg)
40
Fiber(g)
40
Sodium(mg)
30
ADD
UPGRADE
DELETE
3 Chicken 400 20 10 80 40 60 20
1 Egg 10 10 10 10 10 10 10

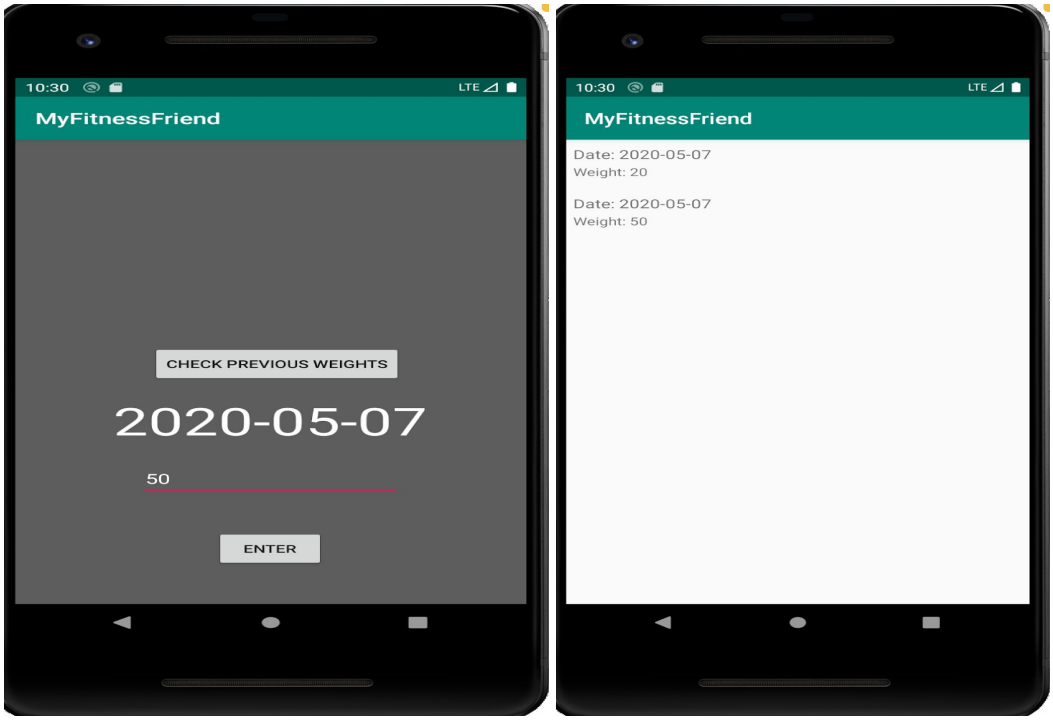

10:47
MyFitnessFriend
FoodName
Beef
Calories(Cal)
690
TotalFat(g)
135
TransFat(g)
0
Protein(g)
90
Cholesterol(mg)
360
Fiber(g)
0
Sodium(mg)
800
300
QUANTITY (G)
CONFIRM
2 Apple 55 0 0 0 0 3 0
3 Banana 105 1 0 0 0 3 0
1 Beef 230 45 0 30 120 0 95
4 Chicken 165 32 0 31 85 0 74


10:30
LTE
MyFitnessFriend
FoodName
Chicken
Calories(Cal)
400
TotalFat(g)
20
TransFat(g)
10
Protein(g)
80
Cholesterol(mg)
40
Fiber(g)
60
Sodium(mg)
20
200
QUANTITY (G)
CONFIRM
4 Avacado 200 20 20 60 40 40 30
3 Chicken 400 20 10 80 40 60 20
1 Egg 10 10 10 10 10 10 10


10:30
LTE
MyFitnessFriend
lolithasresta@gmail.com
Today's Intake
20
Total Fat
10
Trans Fat
20
Sodium
400
Calories
40
Cholestrol
60
Fiber
80
Proteins
ENTER FOOD
ENTER WEIGHT
PREVIOUS INTAKE


10:30
LTE
MyFitnessFriend
2020-5-6
GET DATA
Cholestrol 22
Cholestrol 22
Fiber 22
Protein 22
Total Fat 22
Trans Fat 22
Fiber 22


10:30
LTE
MyFitnessFriend
2020
Thu, May 7
May 2020
S M T W T F S
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31
CANCEL
OK


10:30
LTE
MyFitnessFriend
CHECK PREVIOUS WEIGHTS
2020-05-07
50
ENTER
10:30
LTE
MyFitnessFriend
Date: 2020-05-07
Weight: 20
Date: 2020-05-07
Weight: 50