User Manual

Setting up your workspace:
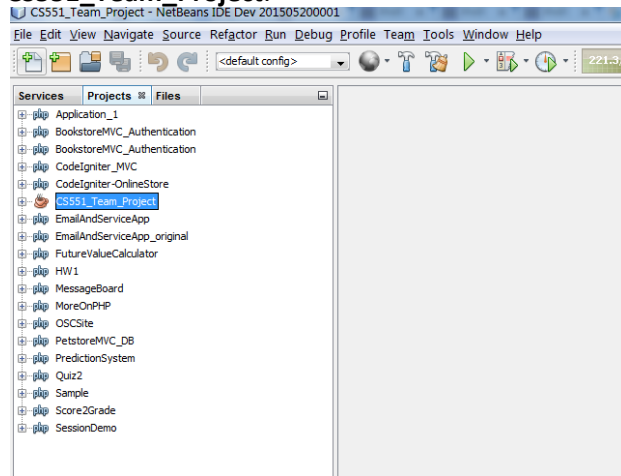
Required :
SQL Server
NetBeans
Android SDK (API level 22)
XAMPP (optional)

Step 1:
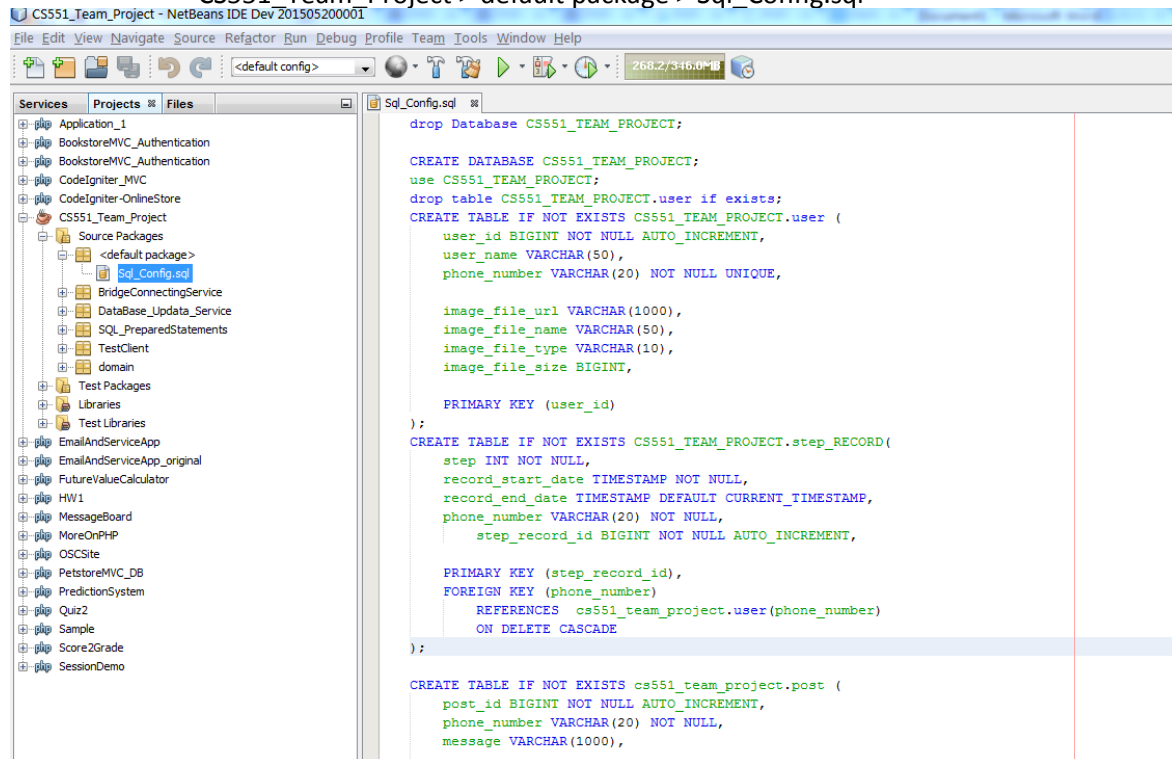Open your Netbeans Application and File->Open Project and select the downloaded **CS551_Team_Project**.

Step 2:
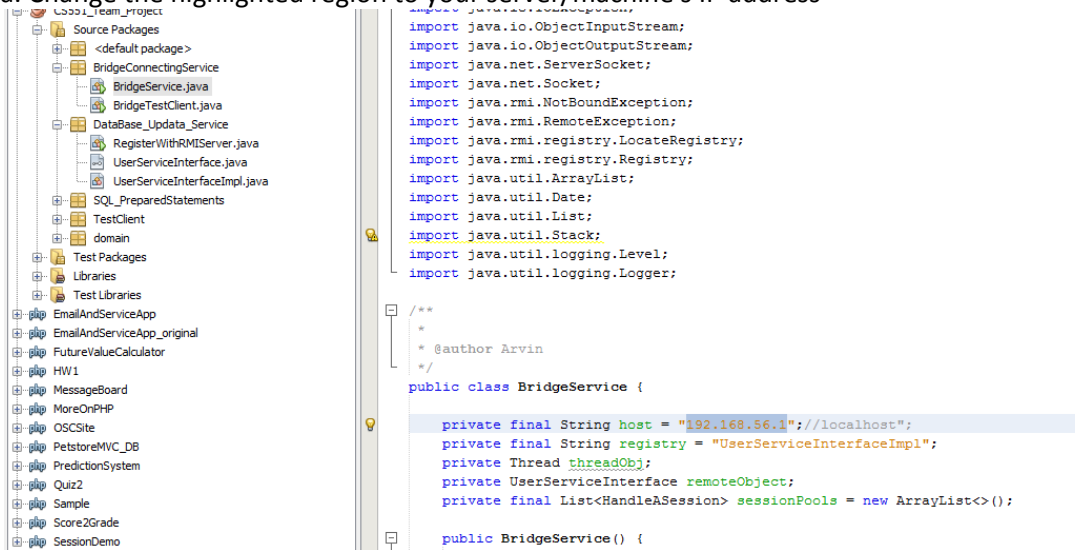Start your SQL Server and run the scripts from
CS551_Team_Project > default package > Sql_Config.sql
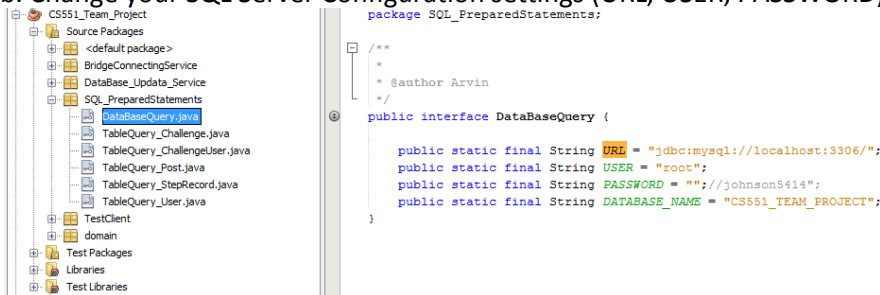
Step 3:

Change Configuration settings
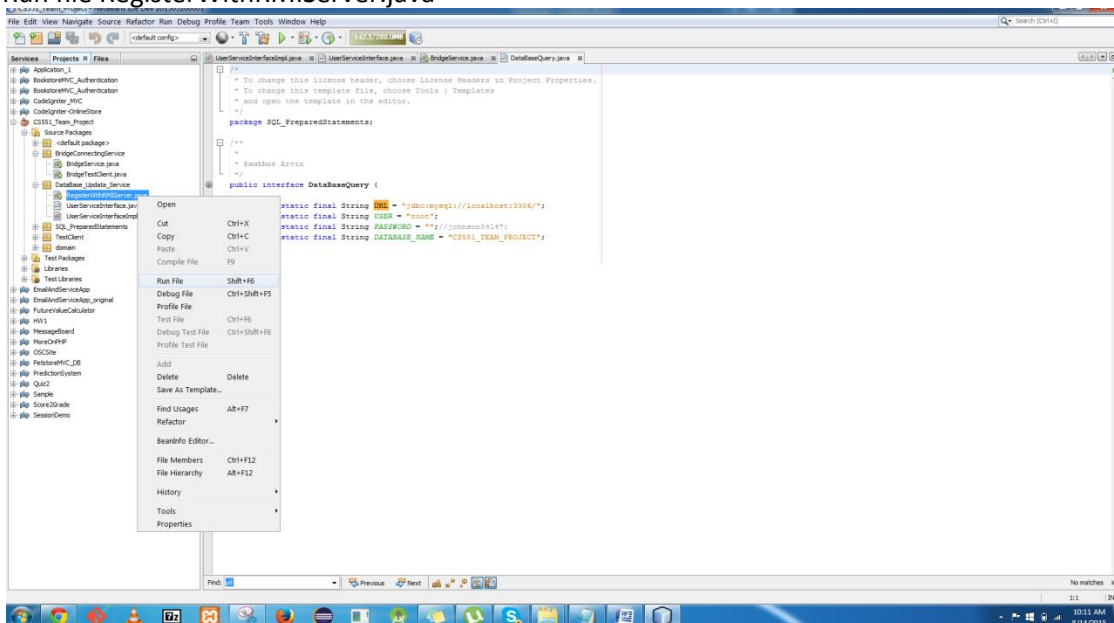a. Change the highlighted region to your server/machine's IP address

b. Change your SQL Server Configuration settings (URL, USER, PASSWORD)
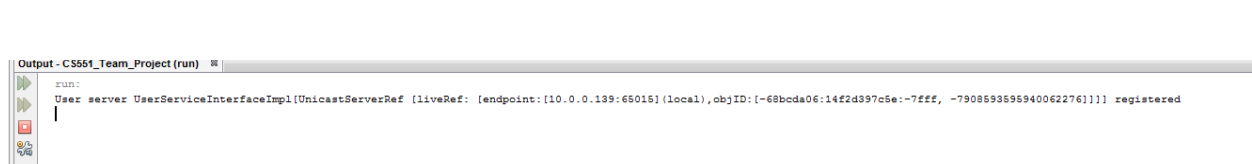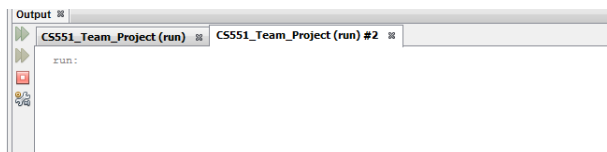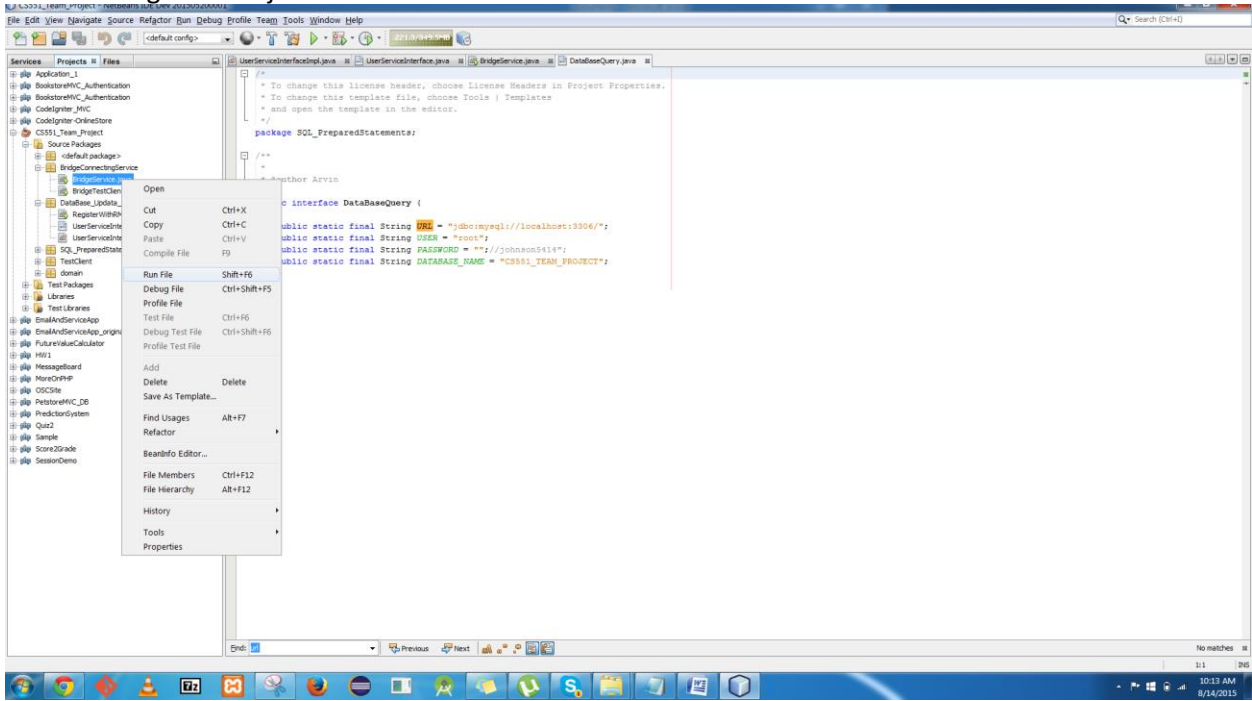

Step 4:
Start your SQL Server.
Run file RegisterWithRMIServer.java

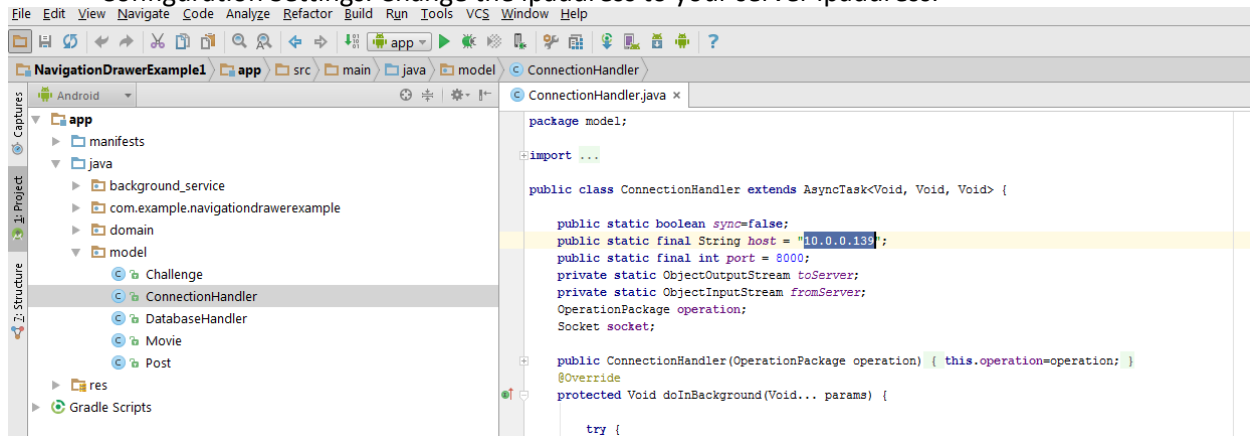## Step 5:
Run file BridgeService.java

Running in Project in Emulator

Step 1:

Start Android Studio.

Import Project.

Step 2:

Configuration Settings. Change the ipaddress to your server ipaddress.

Note: If you are configuring your local machine as server, use "ipconfig" in command prompt

Step 3:

Run Project using Nexus 5 or above versions of emulator
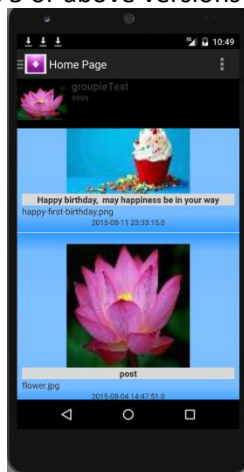
Running in Project Using .apk file
Step 1:
Download app-debug.apk to your mobile and install it.

Installing GoFit

Step 2:
Open the app.

GoFit App Icon

How To Use App

Login & Home Activity:

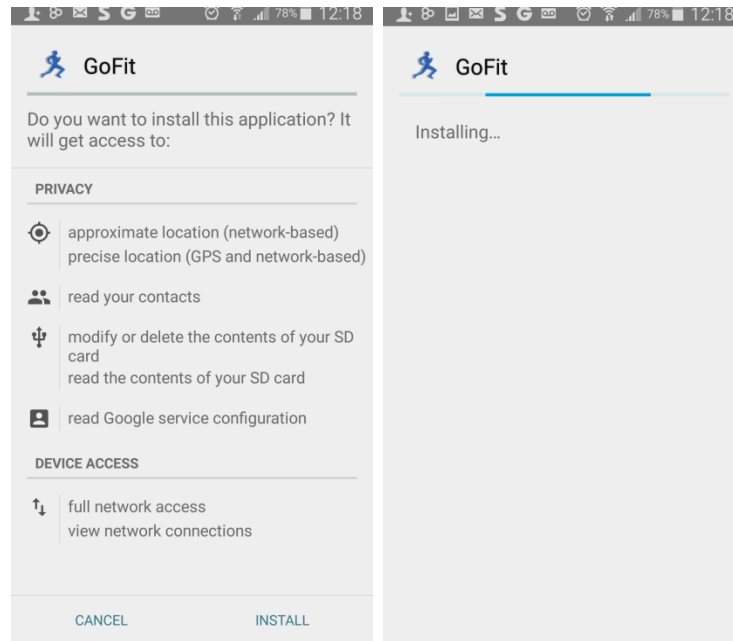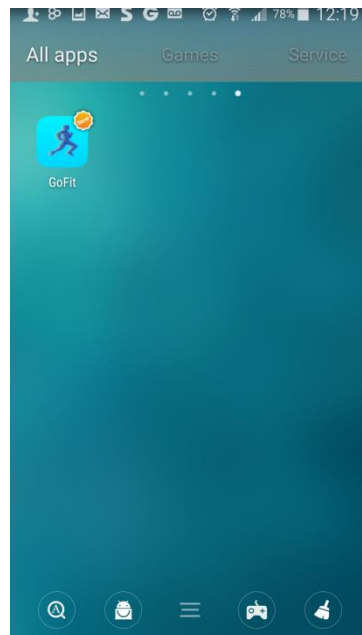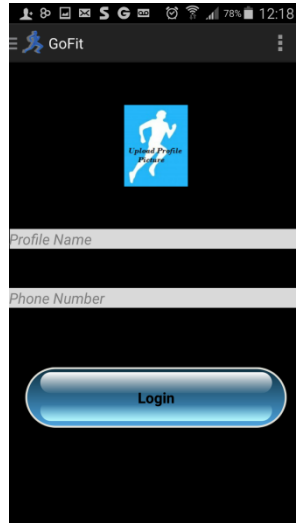First time after installation, the User is prompted with Login Page, where the user can choose a picture of their choice, username and phone number to create user account.

Click on the GoFit App icon to view the Navigation Bar.

First time User's Login Page
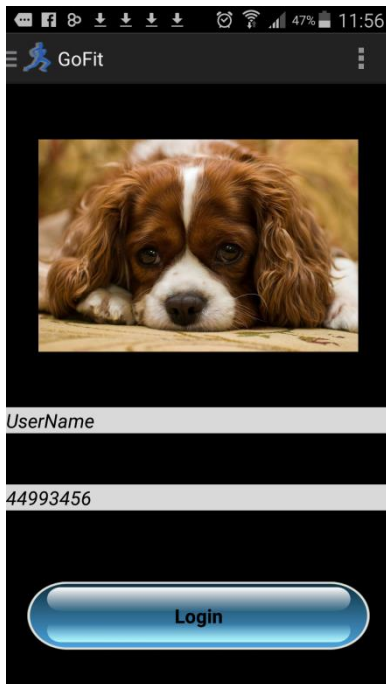
Login Page	Home Page	Navigation Bar

Post Activity:

Click on the **Post** from the Navigation Bar to post new Messages.
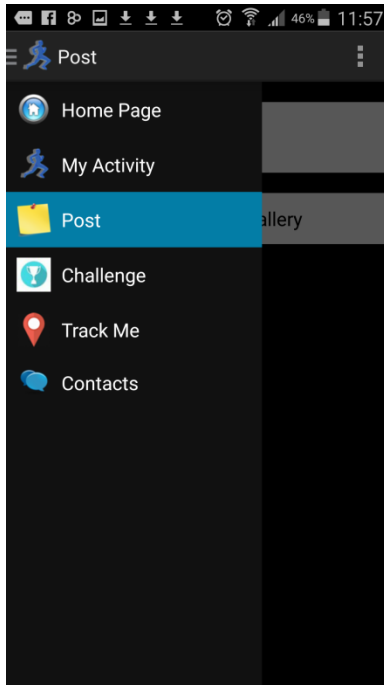
Navigation Bar   Posting Messages   Home Page With a POST
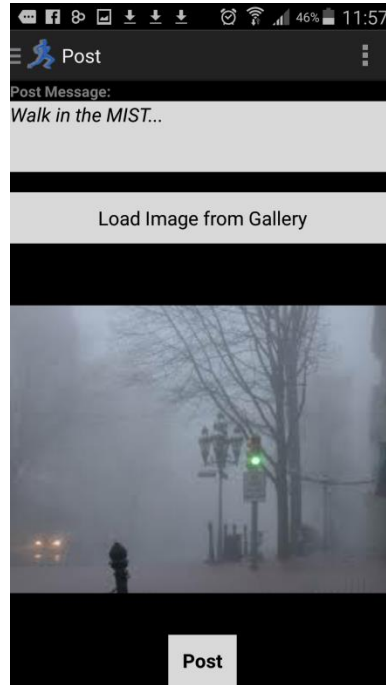
Home Page With many POSTs

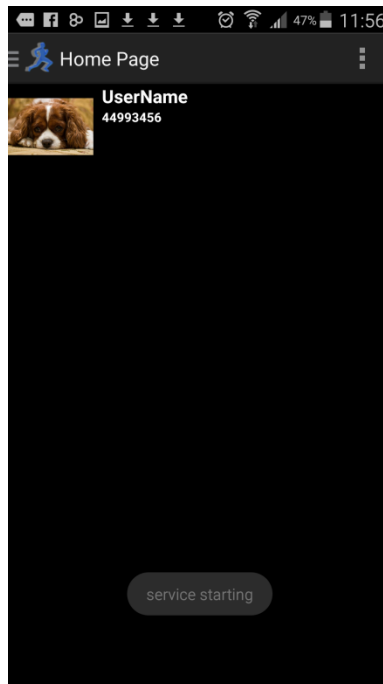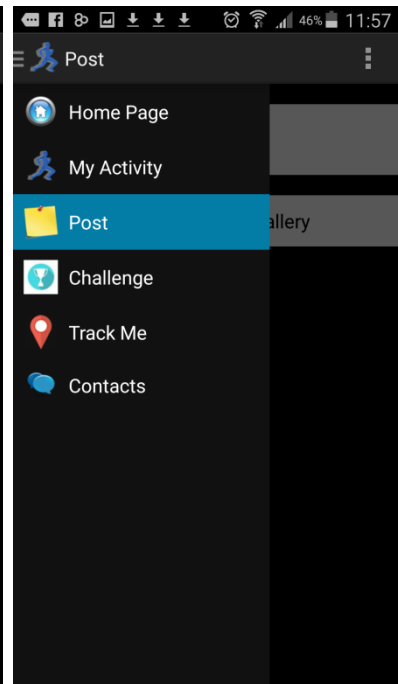## Tracking Steps:

Counts the number of steps the user takes after installation of the app.

Contacts Page:

Click the Contacts in the Navigation Bar.

Click the Refresh Button to get all the contacts in your phone who also have the GoFit app installed

Challenge Activity:

A Challenge enables the user to compare the number of steps between the users of the challenge for a particular date. The users in the challenge can be selected from the contacts of the user.
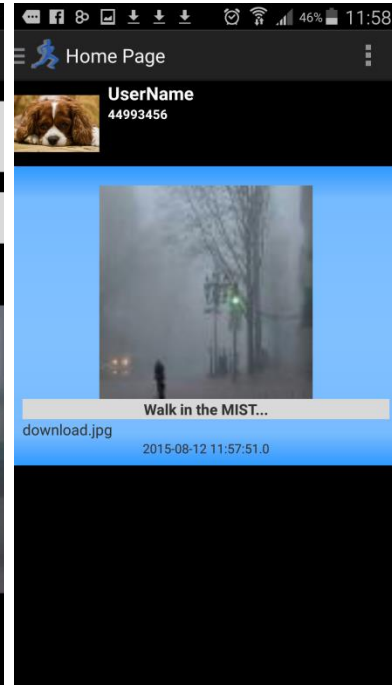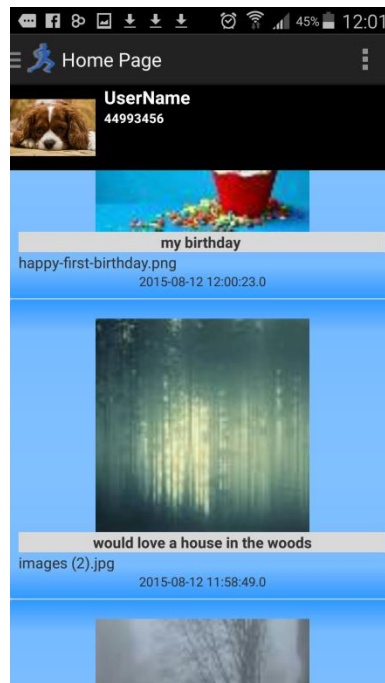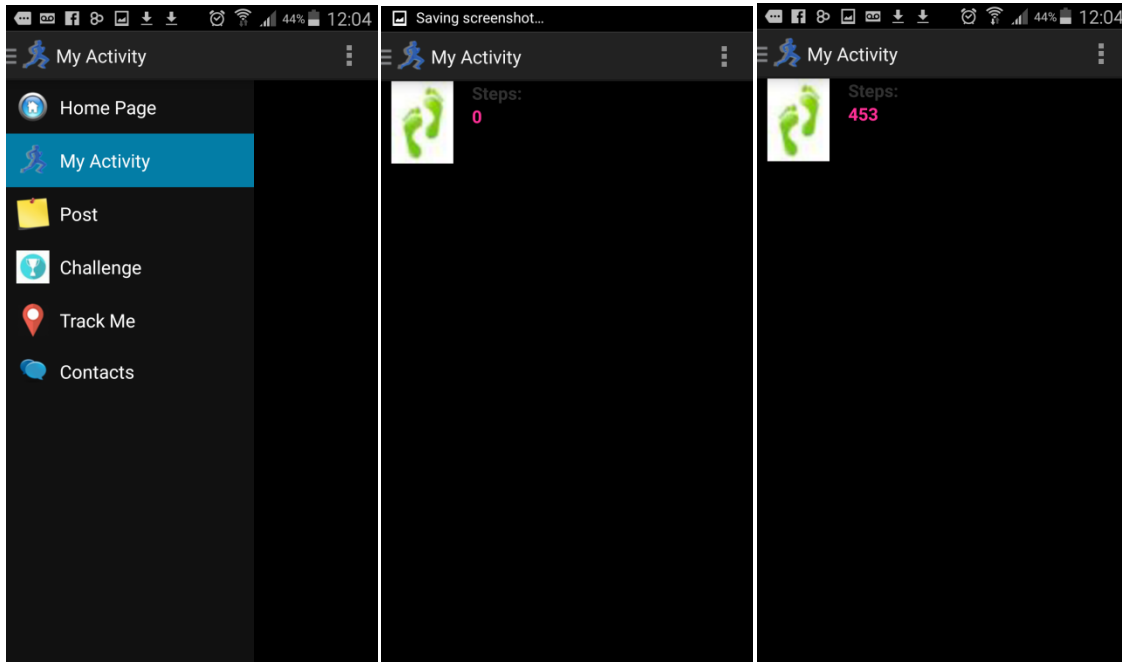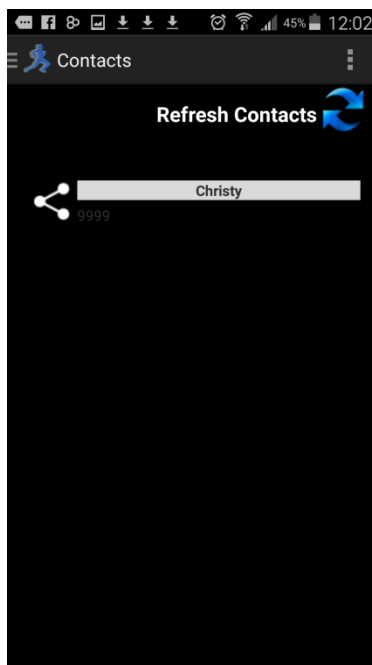
Click the Challenges in the Navigation Bar to view existing challenges.

Click the "+" image to create new challenges

You can click on the existing challenges to get more details on the users in the challenge.

Navigation Bar   Challenge Page   Challenge Details
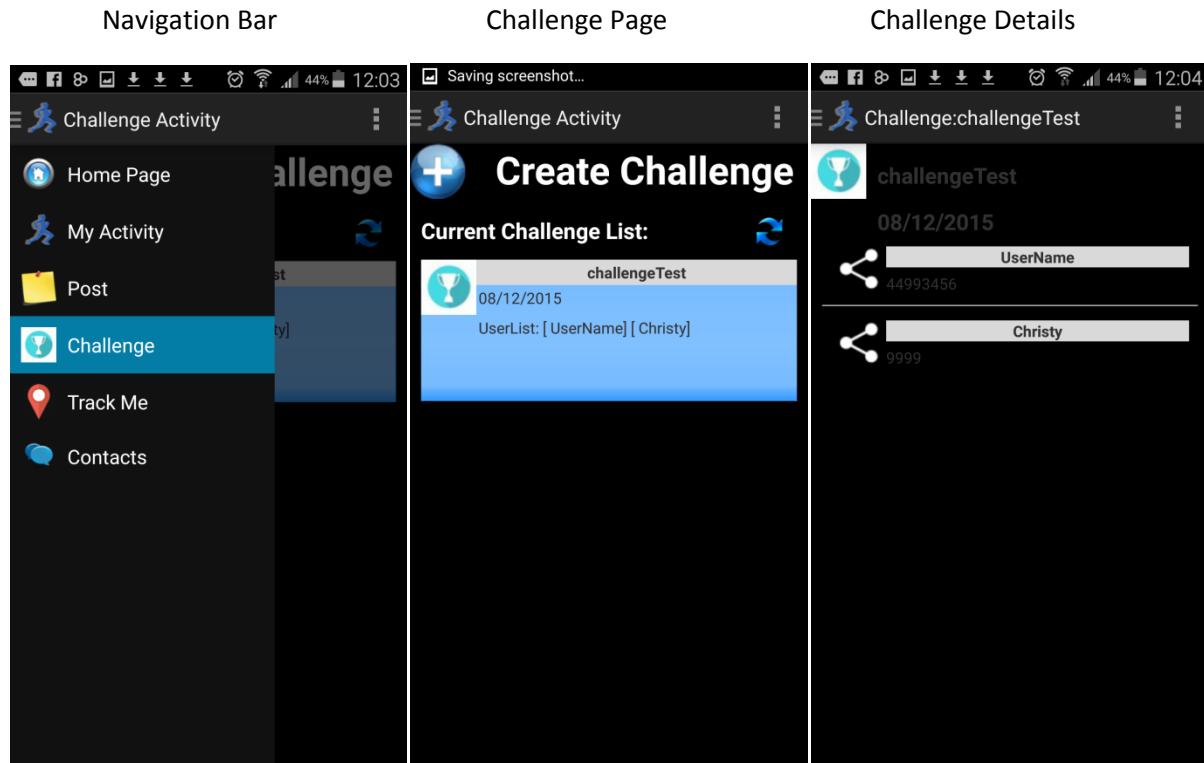
Creating New Challenge:

Track Me Activity:

Tracks the user's current location.

Further Update for Future:

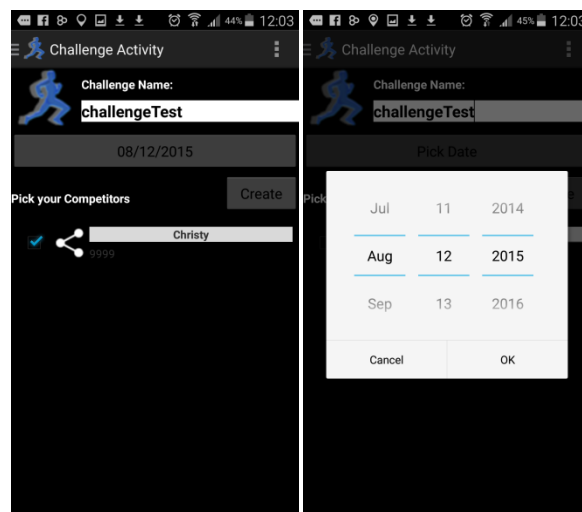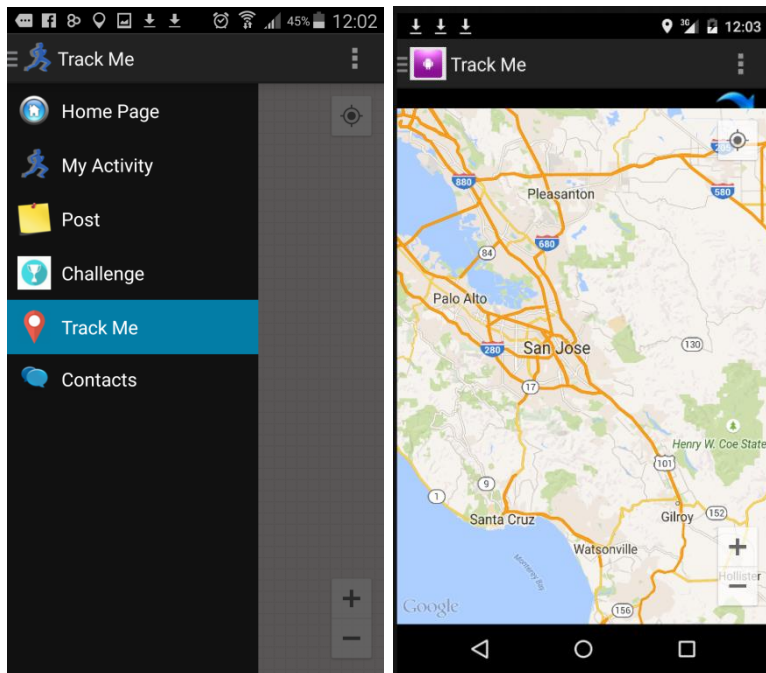1. Having Password for Login and the Number can be auto generated by mobile, So the user need not enter the phone number.

2. Adding location tracker over lay in map activity to create map of where the user has been

3. The step counting can be made sophisticated by acceleration and keeping track of user's active hours.

4. Challenge Activity currently takes challenges only for one day, can be made to accommodate duration of more than one day, [The server side integration is already done for this. Android UI should be changed to make this modification]

5. On clicking the Challenges in Existing Challenges gives the details of users, can be made to give other users current steps too.