**Android Blood Bank**



Session: 2016 – 2020

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2016-CS-106

2016-CS-172

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# 1User Interfaces

## Login Activity

In this Activity

* User can Login by providing his Registered Username and password.
* User can opt to register.

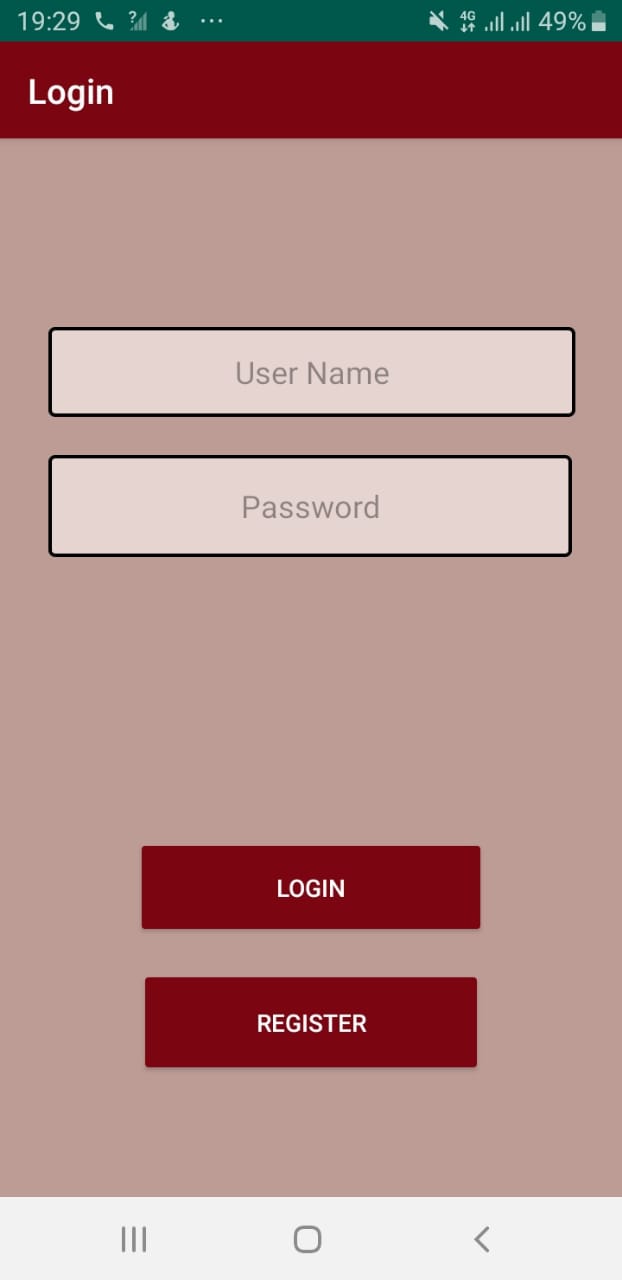
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Figure 1 Login Activity

## 1.2 Registration Activity

This activity will appear when the user will click the register button on the Login Activity. In this Activity

* User will provide his name.
* User will provide his email.
* User will provide his Contact number.
* User will provide his address and city.
* User will provide his Gender.
* User can opt to Authenticate details.

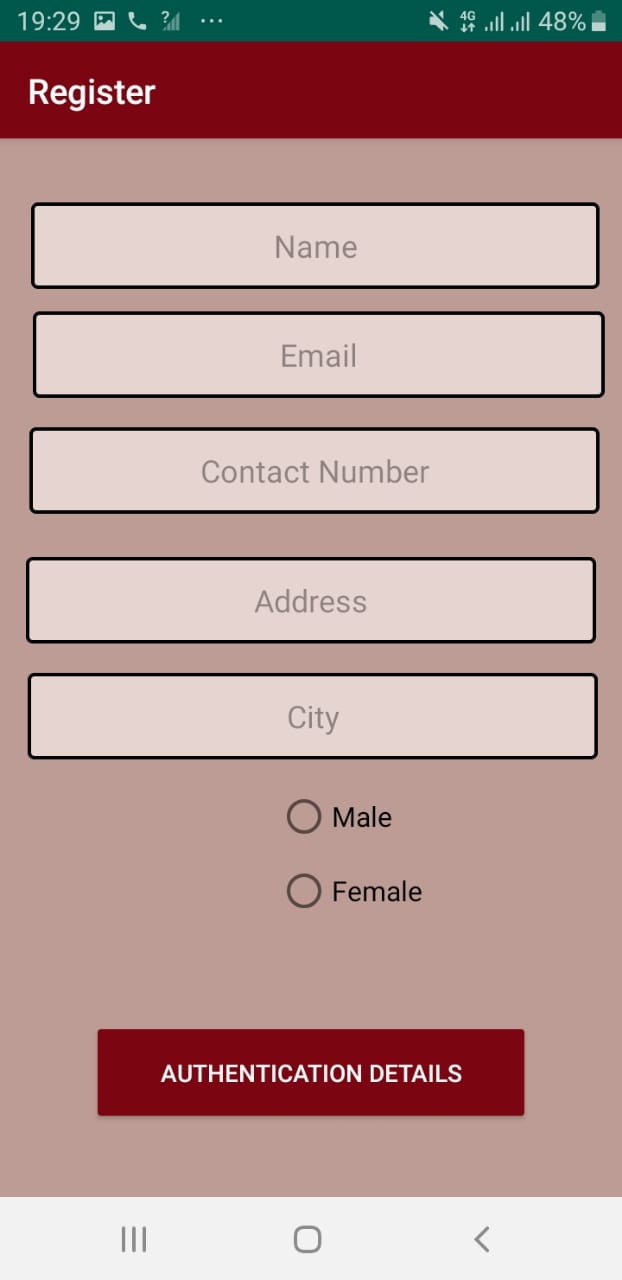


Figure 2 Registration Activity

## Authentications Details Activity

This screen will appear when the user will click the authenticate detail button on register Activity. In this Activity

* User will provide his username.
* User will provide password.
* User will provide his Profile pic.
* User will select his Blood Group.
* User will select whether he is a donor or not. If he isn’t he will be treated as acceptor.
* User can opt to Register and will be taken to Login Screen after clicking the Register Button.

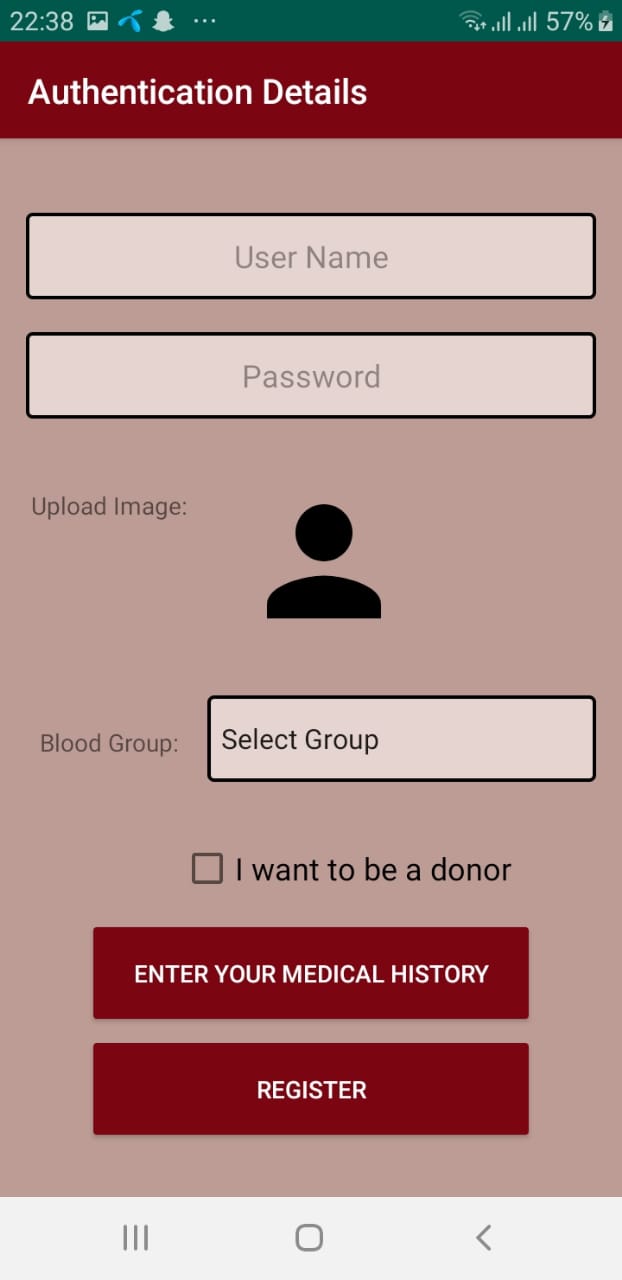


Figure 3 Authentication Detail Activity

### Medical History Activity

This screen will appear when the User will select the Medical History button on the Authentication Details Activity. In this Activity

* User will provide his allergies (if any).
* User will provide his Medical condition.
* User will provide diseases he is suffering from (if any).
* User will provide other medical details (if he wants to).

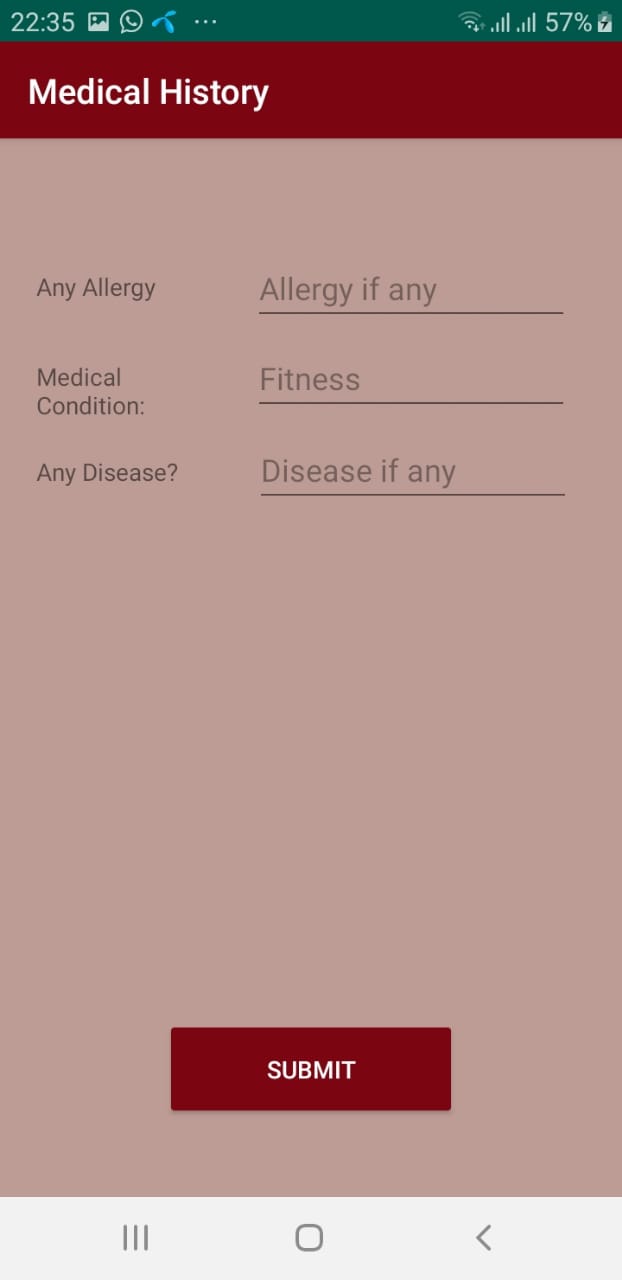


Figure 4 Medical History

## Home Activity

This screen will appear when the User will login by providing his registered Username and password. In this Activity

* User can search a donor.
* User can search an acceptor
* User can see the blood bank details.
* User can see his Profile Details.

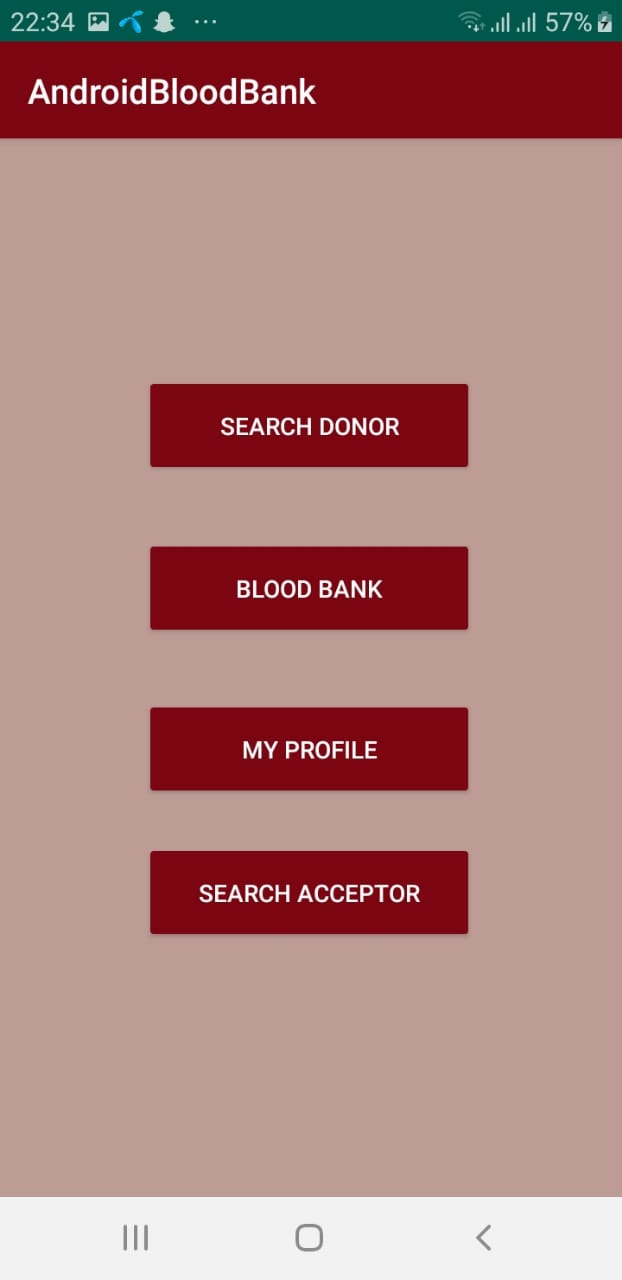


Figure 5Home Page

## Search Donor Activity

This screen will appear when the User will select Search donor option on home. In this Activity

* User can search a donor by blood Group.
* User can opt to see Donor Details.

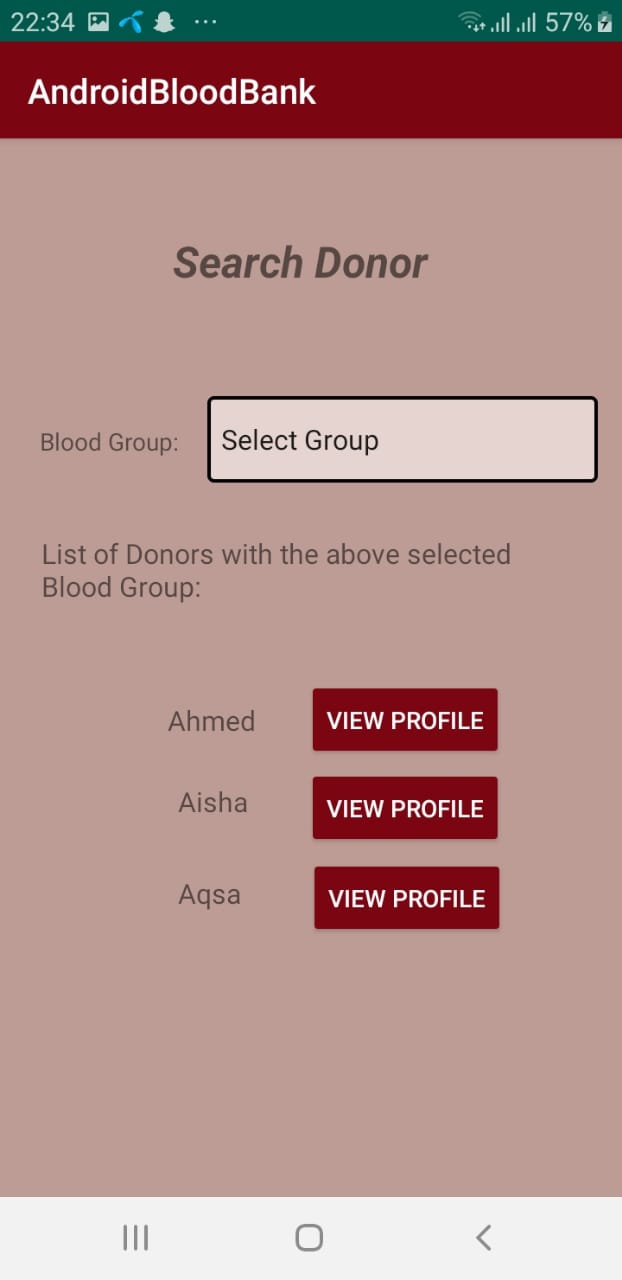


Figure 6 Search Donor

## Donor’s Details Activity

This screen will appear when the User will select to see donor’s detail option on Search Donor Activity. In this Activity

* User can see details of donor
* User can contact the donor.
* User can opt to see Donor’s Medical History.

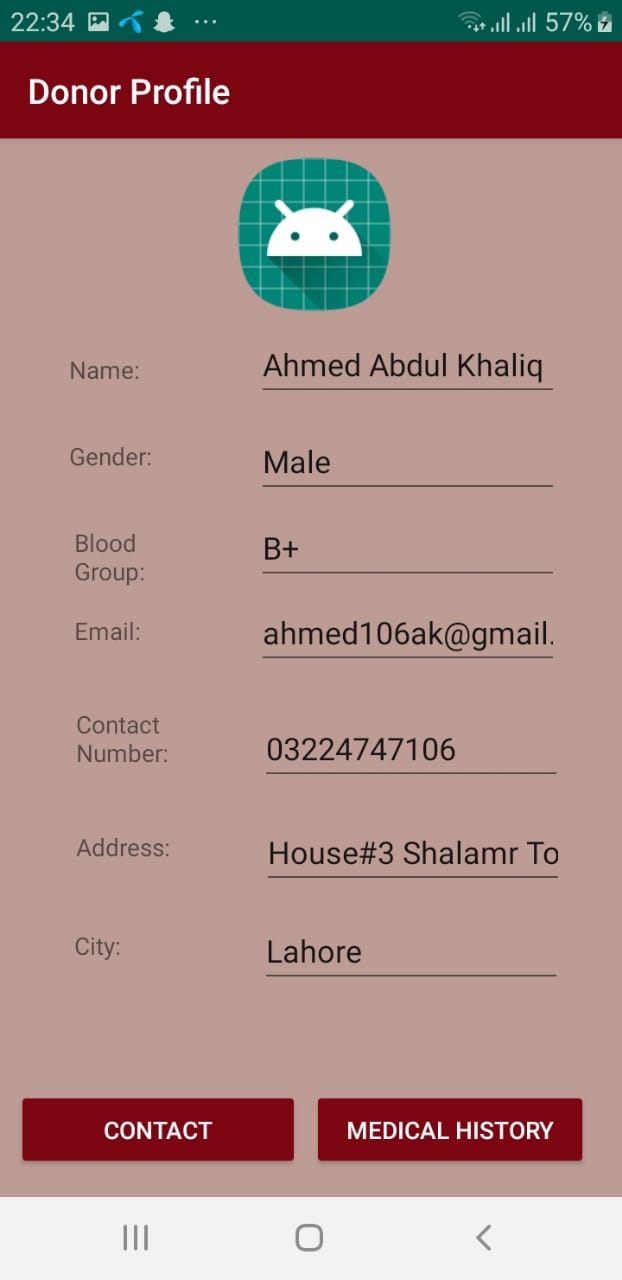


Figure 7 Donor Profile

## Donor’s Medical History Activity.

This screen will appear when the user will click Medical History Button on Donor’s Details Activity. In this Activity

* User can see the Medical history details of Donor.

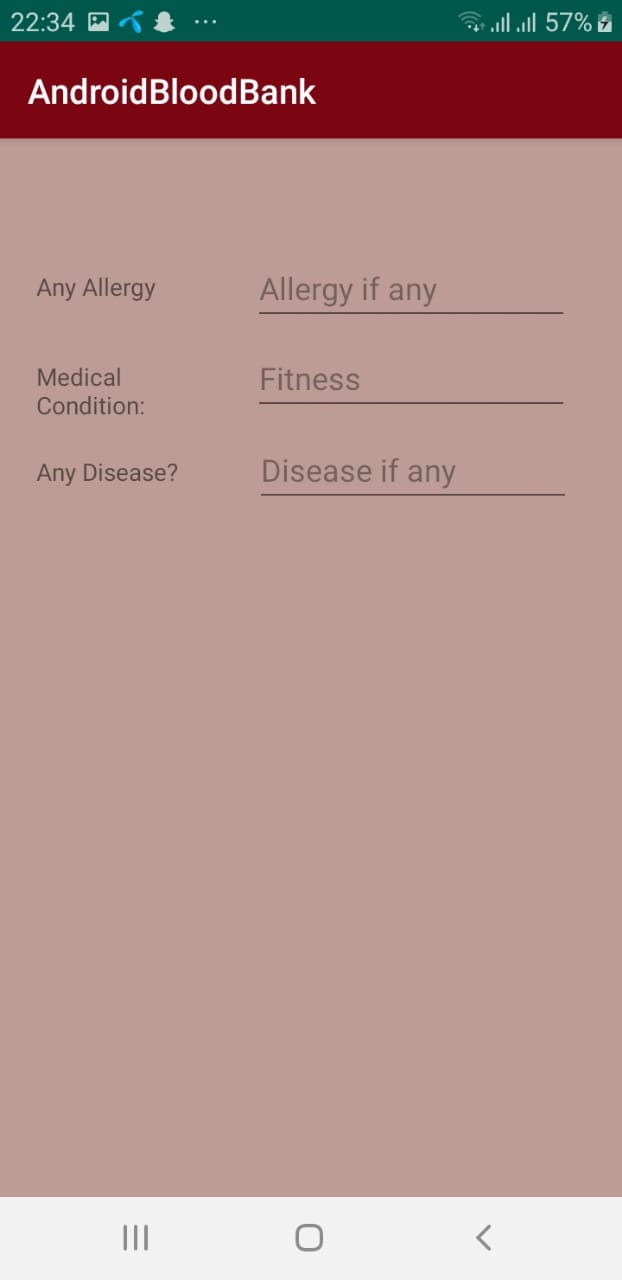


Figure 8 Donor's Medical History

## Search Acceptor Activity

This screen will appear when the User will select Search acceptor option on home. In this Activity

* User can search a acceptor by blood Group
* User can opt to see Acceptor’s Details.

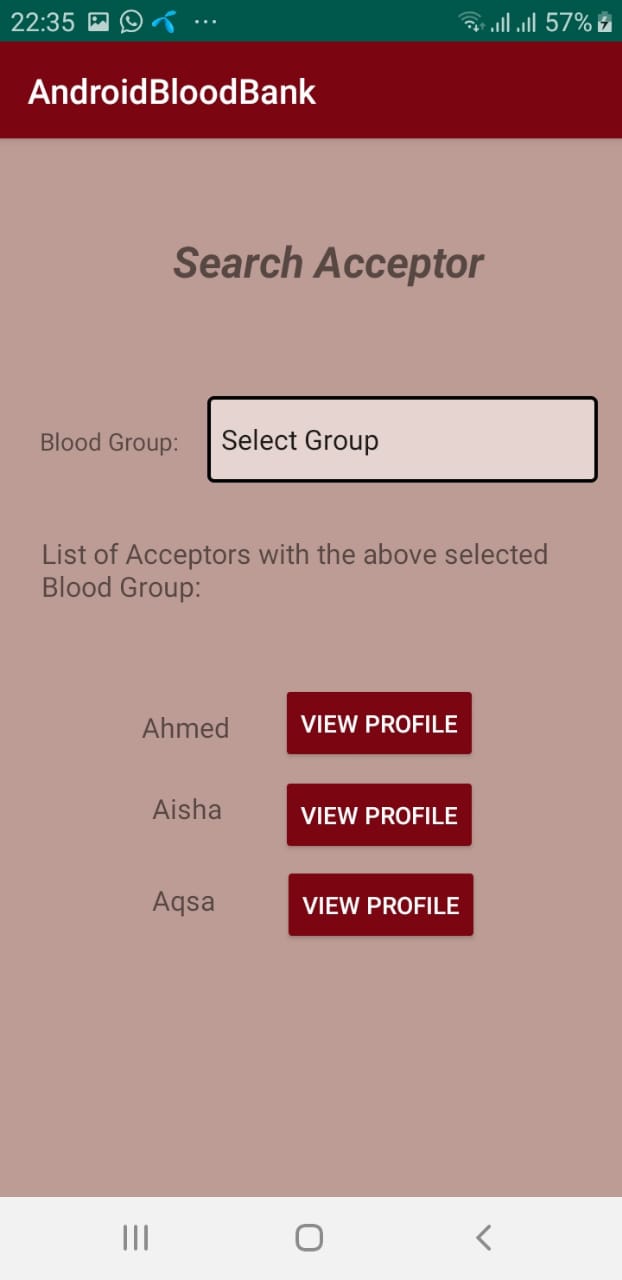


Figure 9 Search Acceptor

## Acceptor’s Details Activity

This screen will appear when the User will select to see acceptor’s detail option on Search Acceptor Activity. In this Activity

* User can see details of acceptor.
* User can contact the acceptor.
* User can opt to see Acceptor’s Medical History.

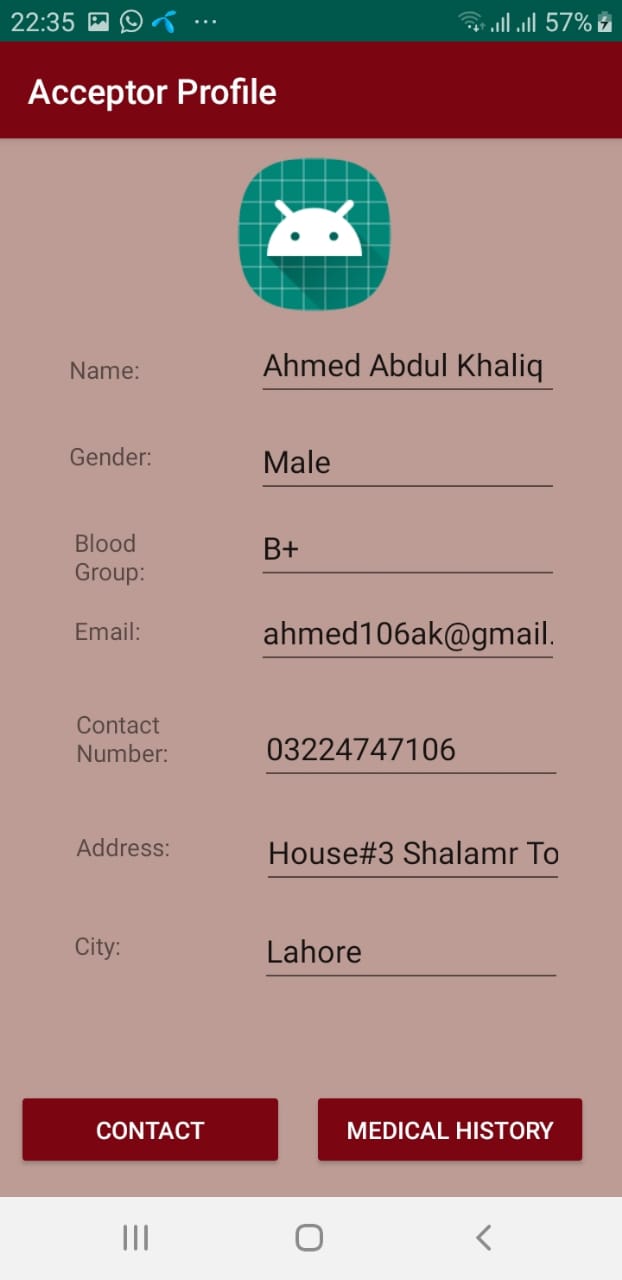


Figure 10 Acceptor's Profile

## Acceptor’s Medical History Activity

This screen will appear when the user will click Medical History Button on Acceptor’s Details Activity. In this Activity

* User can see the Medical history details of Acceptor.

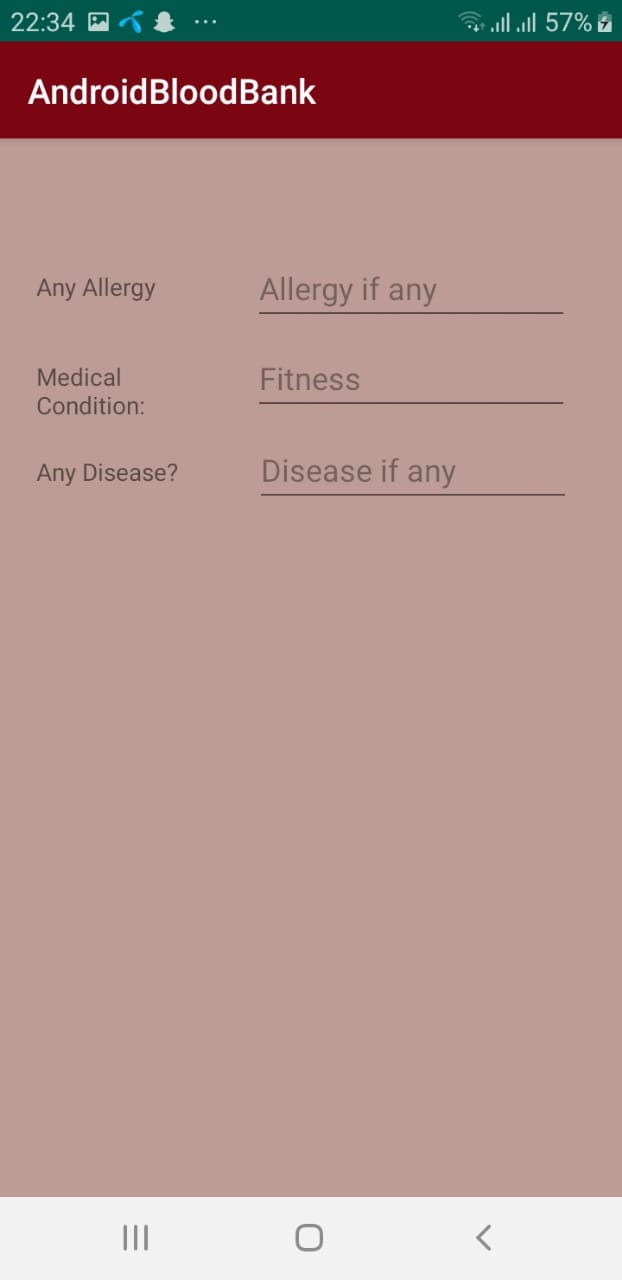


Figure 11 Acceptor's Medical History

## Blood Bank Activity

This screen will appear when the user will click the Blood Bank button on the Home Activity. In this Activity

* User can see the no. of donor’s available for each blood group.

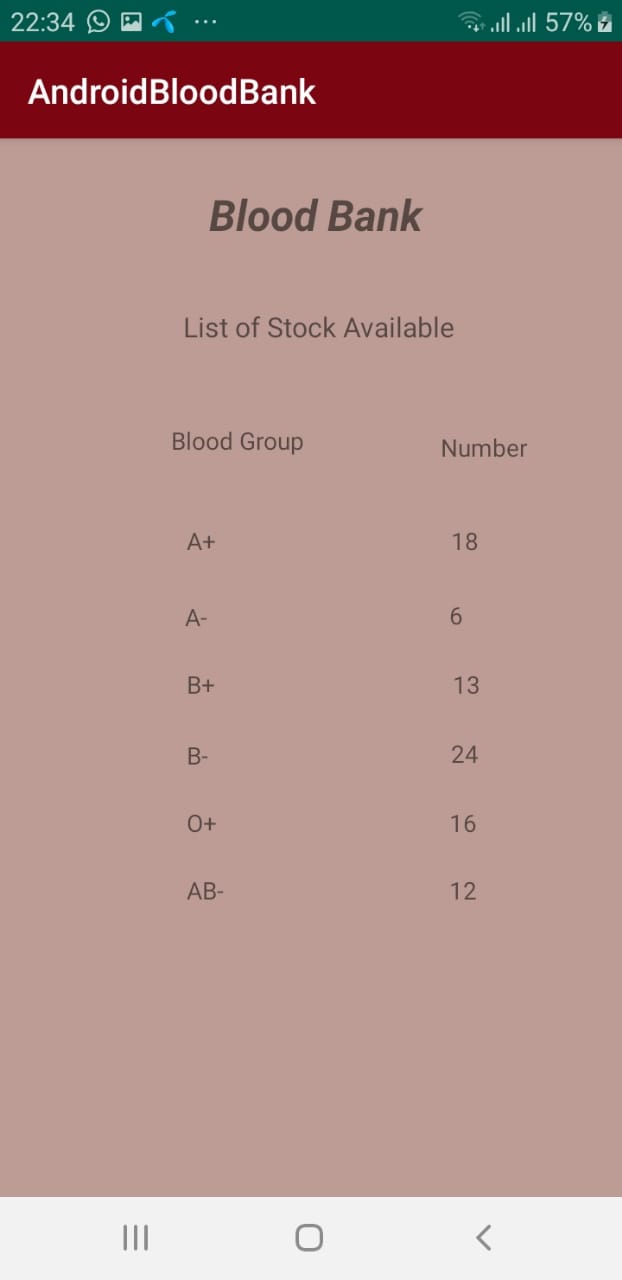


Figure 12 Blood Bank

## Profile Activity

This screen will appear when the user will click the Profile Button on the Home Activity. In this Activity

* User can see his Profile details.

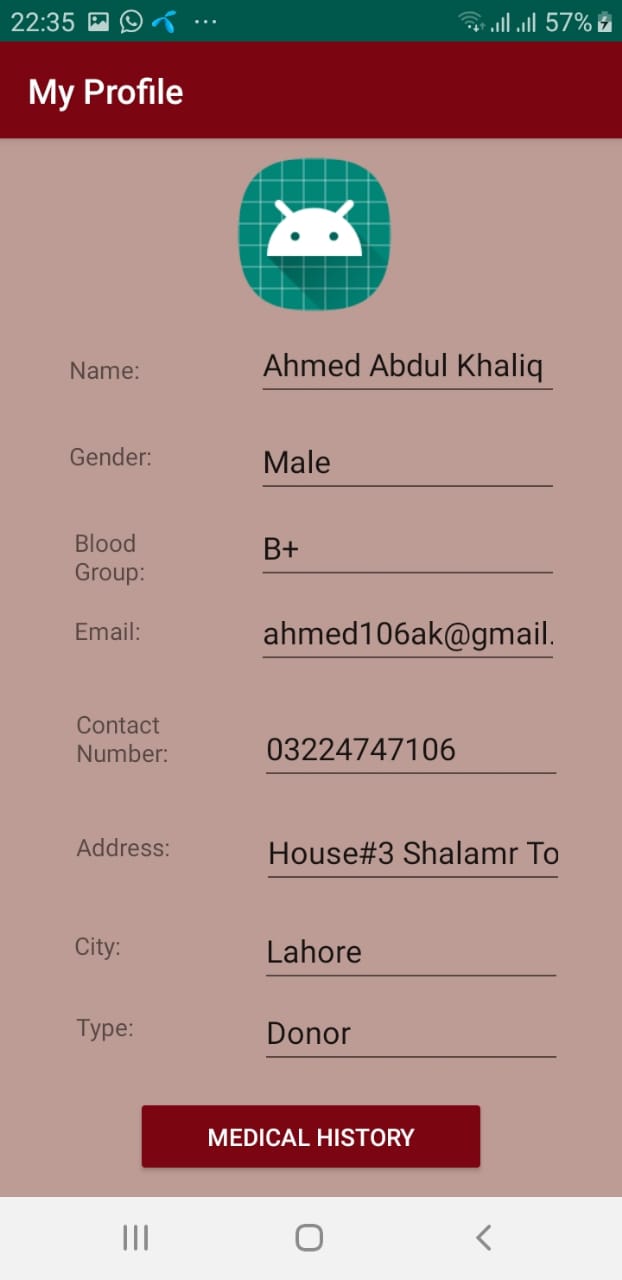


Figure 13 Profile Activity

# Entity Relation Diagram

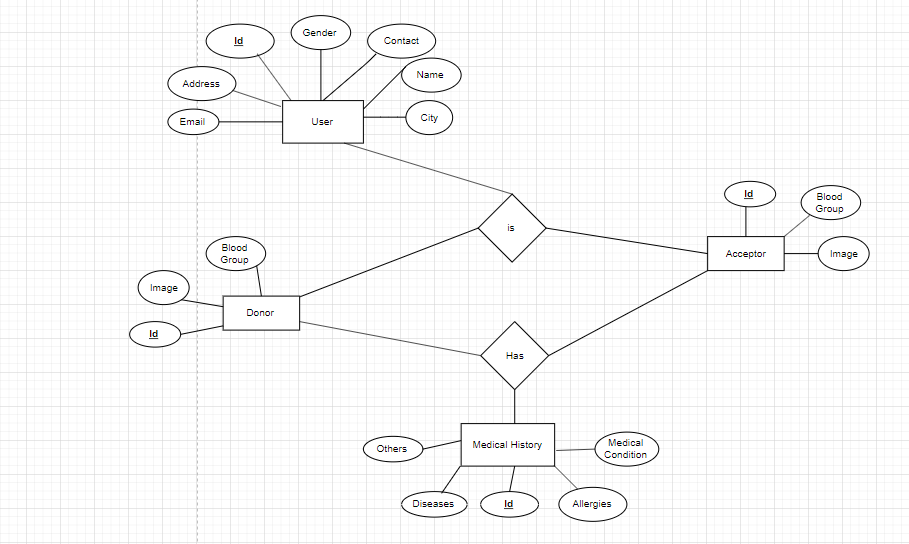


Figure 14 ERD