**15CSE375 Android Missed lab Evaluation**

**Actual question**

Create an online banking android app with the following features:

6. Design a SQLite database to maintain the following details regarding the bank customers: (5)

a. Username

b. Password

c. Date of birth

d. Account number

e. Current Balance

Populate the database with 5 entries and display them in console.

7. Design a UI to allow the user to login with a username, password and date of birth which should be validated against the data retrieved from the database. (5)

8. Upon successful login, the app should show the banking screen to allow the user to see his account details and perform banking operations - show balance, withdraw, deposit and transfer. Use fragments to create the appropriate UI for each operation. (5)

9. Withdraw and deposit should ask the user for the amount to be withdrawn or deposited and the user should receive sms (use emulator option available to send SMS ) after depositing or withdrawing the amount. Use broadcast receiver to create a notification upon receiving the SMS.

(5)

10. Transfer amount option should allow the transfer of funds (Min - 1000, max - 10000 rupees) to the users available in the user contact. Update the balance for both the accounts in the database. (5)

11. Transfer amount option to the users should show the list of users retrieved using content provider in the contact book and allow transfer of funds to the user, if the username is a customer of the bank (checked against the username from the database). (5)