**Bank Management System**

**Total: 100 Marks**

Create a banking management system where-

**User⇒ 40 Marks**

1. Can create an account with his/her name, email, address and account Type(Mainly Two Types: Savings & Cuurent). **5**
2. Initially, the balance will be 0. An account number will be generated automatically.  **5**
3. Can deposit and withdraw amount. If the withdrawal amount is more than the current balance, show an error message that **“Withdrawal amount exceeded” 10**
4. Can check available balance.  **3**
5. Can check transaction history.  **3**
6. Can take a loan from the bank at most two times.  **4**
7. Can transfer the amount from his account to another user account. if the other account does not exist then show an error message **“Account does not exist”. 10**

**Note -** User can only withdraw and transfer money from his account if he has money in his account.

If a user is unable to withdraw the amount of money he has deposited in the bank, he will get a message that the bank is bankrupt.

**Admin⇒ 40 Marks**

1. Can create an account 5
2. Can delete any user account 5
3. Can see all user accounts list 10
4. Can check the total available balance of the bank. 5
5. Can check the total loan amount. 5
6. Can on or off the loan feature of the bank. 10

Now make a replica system so that an user and an admin can do the above tasks. **20 Marks**