

## **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 & Current). **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**