Schema Diagram for Google Wallet App
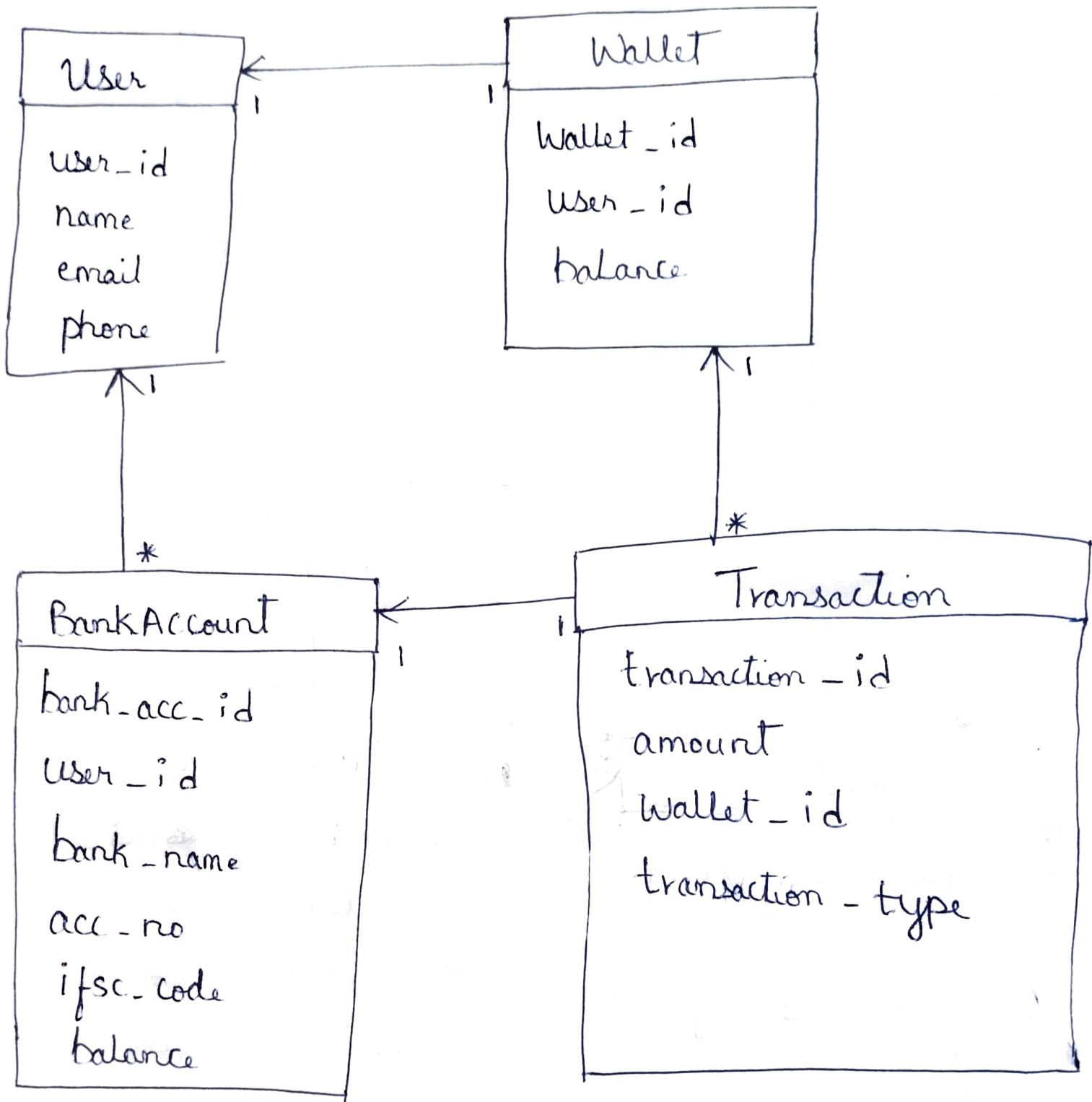
User

- user_id
- name
- email
- phone

Wallet

- Wallet_id
- user_id
- balance

BankAccount

- bank_acc_id
- user_id
- bank_name
- acc_no
- ifsc_code
- balance

Transaction

- transaction_id
- amount
- wallet_id
- transaction_type

User 1 — 1 Wallet

User 1 — * BankAccount

Wallet 1 — * Transaction

BankAccount 1 — 1 Transaction

Class Diagram

User
- −userId : int
- − name : String
- − email : String
- − phone : String

+getWallet : Wallet
+get BankAcc : BankAcc

Wallet
- −walletId : int
- − user : User
- − balance : double

+ SendMoney ()
+addMoney ()

Bank Account
- − bankAccountId : Long
- − User : User
- − bankName : String
- − accountNo : String
- − ifsc Code : String
- − balance : double

+deposit ()
+ withdraw ()

Transaction
- −transactionId : int
- − SenderWallet : Wallet
- − receiverWallet : Wallet
- − amount : double
- − transactionType : String

+ getSummary ()

1   1

1   1

1   *

*   1   *