

User(username, password, email)

Client(national_ID, phone, occupational_info)

Banker(SSN, phone)

Admin(ownerID)

BankAccount(accountNo, national_ID, balance)
BankAccount.national_id REFERENCES Client

CreditCard(cardNo, nameOnCard, cardPoints, status, CVC, expiryDate, accountNo)
CreditCard.accountNo REFERENCES BankAccount

Transaction(transactionNo, amount, status, payee)

BankAccountTransaction(transactionNo, accountNo)
BankAccountTransaction.accountNo REFERENCES BankAccount

CreditCardTransaction(transactionNo, creditCardNo)
CreditCardTransaction.creditCardNo REFERENCES CreditCard

Loan(loanID, status, dueDate, type, amount, SSN, accountNo)
Loan.SSN REFERENCES Banker
Loan.accountNo REFERENCES BankAccount

Bill(billNo, amount, dueDate, beneficiaryAccountNo, accountNo)
Bill.accountNo REFERENCES BankAccount
Bill.beneficiaryAccountNo REFERENCES BankAccount

Report(reportID, type, reason, nationalID, ownerID)
Report.nationalID REFERENCES Client
Report.ownerID REFERENCES Admin

Notification(notificationID, type, message, accountNo)
Notification.accountNo REFERENCES BankAccount

WebAppAccount(username)