

Relational Schema

Team 92: Seekers

1. Client(ssn, name, username, password, email, date of birth)
 - Phones(phoneID, ssn, phoneNo)

Phones.ssn references Client

- Addresses(addressID, ssn, address)

Addresses.ssn references Client

- MakeReq(makeID, ssn, reqID)

MakeReq.ssn references Client

MakeReq.reqID references Requests/Complaints

2. Account(accNo, ssn, open date, close date, balance, status, type)

Account.ssn references Client

- Beneficiary(benAccNo, name, bank name, email)
- BenPhones(phoneID, benAccNo, phoneNo)

BenPhones.benAccNo references Beneficiary

- Transactions(transID)
- Transfer(transID, currency, amount)

Transfer.transID references Transactions

- Internal(transID, currency, amount)

Internal.transID references Transactions

Internal.currency references Transfer

Internal.amount references Transfer

- Domestic(BankID, transID, currency, amount)

Domestic.transID references Transactions

Domestic.currency references Transfer

Domestic.amount references Transfer

- International(BankID, transID, currency, amount)

International.transID references Transactions

International.currency references Transfer

International.amount references Transfer

- Bill Payments(transID, accNo, date, amount, method used, status)

Bill Payments.transID references Transactions

Bill Payments.accNo references Account

- Credit Card Payments(transID, accNo, amount, date)

Credit Card Payments.transID references Transactions

Credit Card Payments.accNo references Account

- initiateInternal(accNo1, accNo2, transID)

initiateInternal.accNo1 references Account

initiateInternal.accNo2 references Account

initiateInternal.transID references Transactions

- initiateDom(BankID, transID, accNo, benAccNo)

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initiateDom.BankID references Domestic

initiateDom.transID references Transactions

initiateDom.accNo references Account

initiateDom.benAccNo references Beneficiary

- initiateInter(BankID, transID, accNo, benAccNo)

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initiateInter.BankID references Domestic

initiateInter.transID references Transactions

initiateInter.accNo references Account

initiateInter.benAccNo references Beneficiary

3. Banker/Admin(BAssn)

- BAname(BAssn, firstname, lastname)

BAname.BAssn references Banker/Admin

- Phones(phoneID, BAssn, phoneNo)

Phones.BAssn references Banker/Admin

- Addresses(addressID, BAssn, address)

Addresses.BAssn references Client

4. Credit Card(ccv, ssn, wifi, limit, due date, type, number, points, holder name, interest rate)

Credit Card.ssn references Client

5. Points(id, ssn, accNo, transferability, type, totalNo, expire date, rate)

Points.ssn references Client

Points.accNo references Account

6. Loans(id, accNo, ssn, amount, due date, duration, date issued, collateral, installment, status)

Loans.accNo references Account

Loans.ssn references Client

8. Requests/Complaints(reqID, status, priority, type, completion date, assigned date, requestor contact info)

- Accept/Reject(stateID, reqID, BAssn)

Accept/Reject.reqID references Requests/Complaints

Accept/Reject.BAssn references Banker/Admin

9. Notifications/Reminders(id, ssn, type, date/time, message, frequency, status, recipient, sender, trigger)

Notifications/Reminders.ssn references Client