

Users (ID, username, password)

Client (fname, lname, email, phoneNo, C\_ID)

Client.C\_ID references Users

Banker (B\_ID)

Banker.B\_ID references Users

Admin (A\_ID)

Admin.A\_ID references users

ClientAccount (IBAN, C\_ID)

ClientAccount.C\_ID references Client

Transactions (ID, type, region, amount, date, A\_ID)

Transactions.A\_ID references Admin

CreditCardBill (ID, cardNumber)

CreditCardBill.ID references Transactions

CreditCardBill.cardNumber references CreditCard

BankTransferReceiver (IBAN, ID)

BankTransferReceiver.ID references Transactions

Bills (ID)

Bills.ID references Transactions

LoanBill (ID, LoanID)

LoanBill.ID references Transactions

LoanBill.LoanID references Loan

Loan (ID, dueDate, type, value, IBAN, B\_ID)

Loan.IBAN references ClientAccount

Loan.B\_ID references Banker

CreditCard (cardNumber, ccv, sufficientFunds, issueDate, expirationDate, points, IBAN, B\_ID)

CreditCard.IBAN references ClientAccount

CreditCard.B\_ID references Banker

NotificationsAndAnnouncements (ID, type, time, A\_ID)

NotificationsAndAnnouncements.A\_ID references Admin

Reminders (ID, type)

ThirdPartyApps (ID, Name)

TechnicalIssues (ID, issueDate, issueDescription)

CreditCardIssues (ID, issueDate, issueDescription)

Resolves (A\_ID, ID)

Resolves.A\_ID references Admin

Resolves.ID references TechnicalIssues

Reports (ID, C\_ID)

Reports.ID references TechnicalIssues

Reports.C\_ID references Client

Block (A\_ID, IBAN)

Block.A\_ID references Admin

Block.IBAN references ClientAccount

Receives (ID, C\_ID)

Receives.ID references NotificationsAndAnnouncements

Receives.C\_ID references Client

Monitor (B\_ID, ID)

Monitor.B\_ID references Banker

Monitor.ID references Transactions

Resolves2 (B\_ID, ID)

Resolves2.B\_ID references Banker

Resolves2.ID references CreditCardIssues

Reports2 (ID, C\_ID)

Reports2.ID references CreditCardIssues

Reports2.C\_ID references Client

Makes (ID, IBAN)

Makes.ID references Transactions

Makes.IBAN references ClientAccount

PaidBy (ID, T\_ID)

PaidBy.ID references Transactions

PaidBy.T\_ID references ThirdPartyApps

Uses (IBAN, T\_ID)

Uses.IBAN references ClientAccount

Uses.T\_ID references ThirdPartyApps

Set (IBAN, ID)

Set.IBAN references ClientAccount

Set.ID references Reminders

Receives2 (IBAN, ID)

Receives2.IBAN references ClientAccount

Receives2.ID references Reminders