

## SCHEMA

- **Users** (ID, Username, Password, Email, Name, Phone number)
- **Client** (ID, Street, Building)
  - Where Client.ID references Users.ID
- **Banker** (ID, Position)
  - Where Banker.ID references Users.ID
- **Admin** (ID)
  - Where Admin.ID references Users.ID
- **Bank-Account** (Number, Balance, CID)
  - Where Bank-Account.CID references Client.ID
- **Current-Account** (Number)
  - Where Current-Account.Number references Bank-Account.Number
- **Saving Account** (Number)
  - Where Saving-Account.Number references Bank-Account.Number
- **Transactions** (ID, BankAccNum, CreditNum)
  - Where Transactions.BankAccNum references Bank-Account.Number
  - Where Transactions.CreditNum references CreditCard.Number
- **CreditCard** (Number, Pin, Points, Limit, Expiration Date, CRID)
  - Where CreditCard.CRID references Credit-Reminder.ID
- **Loans** (ID, Interest Rate, Amount, LRID)
  - Where Loans.LRID references Loans-Reminder.ID
- **Car-Loan** (ID)
  - Where Car-Loan.ID references Loans.ID
- **Personal-Loan** (ID)
  - Where Personal-Loan.ID references Loans.ID
- **Bills** (ID, Cost, BRID, BankAccNum)
  - Where Bills.BRID references Bill-Reminder.ID
  - Where Bills.BankAccNum references Bank-Account.Number
- **Telephone-Bill** (ID)
  - Where Telephone-Bill.ID references Bills.ID

- **Water-Bill (ID)**
  - Where Water-Bill.ID references Bills.ID
- **Gas-Bill (ID)**
  - Where Gas-Bill.ID references Bills.ID
- **Electricity-Bill (ID)**
  - Where Electricity-Bill.ID references Bills.ID
- **Bank-Transfer (ID)**
- **Internal-Transfer (ID)**
  - Where Internal-Transfer.ID references Bank-Transfer.ID
- **Domestic-Transfer (ID)**
  - Where Domestic-Transfer.ID references Bank-Transfer.ID
- **International-Transfer (ID)**
  - Where Domestic-Transfer.ID references Bank-Transfer.ID
- **Notifications (ID, Reminders)**
- **Credit Reminder (ID)**
  - Where Credit-Reminder.ID references Notifications.ID
- **Loan Reminder (ID)**
  - Where Loan-Reminder.ID references Notifications.ID
- **Bank Announcement (ID, AID)**
  - Where Bank-Announcment.ID references Notifications.ID
  - Where Bank-Announcment.AID references Admin.ID
- **Bill Reminder (ID)**
  - Where Bill-Reminder.ID references Notifications.ID
- **Issues (ID, AID)**
  - Where Issues.AID references Admin.ID
- **Technical Issue (ID)**
  - Where Technical-Issue.ID references Issues.ID
- **NON-Technical Issue (ID)**
  - Where NON-Technical-Issue.ID references Issues.ID

- **Theft-Issue** (NTID)
  - Where Theft-Issue.NTID references NON-Technical-Issue.ID
- **Loss-Issue** (NTID)
  - Where Loss-Issue.NTID references NON-Technical-Issue.ID
- **Damage-Issue** (NTID)
  - Where Theft-Issue.NTID references NON-Technical-Issue.ID
- **Application** (ID, Loan, CreditCard, CID)
  - Where Application.CID references Client.ID
- **Receive** (CID, NID)
  - Where Receive.CID references Client.ID
  - Where Receive.NID references Notification.ID
- **ClientReport** (CID, IssueID)
  - Where ClientReport.CID references Client.ID
  - Where ClientReport.IssueID references Issue.ID
- **Make** (BankAccNum, BankTransID)
  - Where Make.BankAccNum references Bank-Account.Number
  - Where Make.BankTransID references Bank-Transfer.ID
- **Apply For Credit** (CreditNum, AppID)
  - Where Apply-For-Credit.CreditNum references CreditCard.Number
  - Where Apply-For-Credit.AppID references Application.ID
- **Apply For Loan** (LID, AppID)
  - Where Apply-For-Loan.LID references Loans.ID
  - Where Apply-For-Loan.AppID references Application.ID
- **SetTo** (NID, BillID)
  - Where SetTo.NID references Notifications.ID
  - Where SetTo.BillID references Bills.ID
- **BankerReport** (BID, IssueID)
  - Where BankerReport.BID references Banker.ID
  - Where BankerReport.IssueID references Issue.ID