User(<u>SSN</u>, Username, Password, Name, Address)

Admin(<u>SSN</u>)

Admin.SSN References User.SSN.

Banker(<u>SSN</u>)

Banker.SSN References User.SSN.

Reviews(<u>Banker SSN</u>, <u>Application ID</u>)

Reviews.Banker SSN References Banker.SSN

Reviews.Application ID References Application.ID

Blocks(<u>Banker SSN</u>, <u>Card Number</u>)

Blocks.Banker SSN References Banker.SSN

Blocks.Card Number References Credit Card.Card Number

Client(<u>SSN</u>, points, email)

Client.SSN References User.SSN.

Report Theft Of(<u>ID</u>, Date, <u>Client SSN</u>, <u>Card Number</u>)

Report Theft Of.Client SSN References Client.SSN

Report Theft Of.Card Number References Credit Card.Card Number

Support Ticket(SSN, ID, date of creation, message, problem type, status)

Support Ticket.SSN References User.SSN.

Reply To(SSN, ID, Ticket ID, reply date, reply message)

Reply To.SSN References User.SSN

ReplyTo.Ticket ID References Support Ticket.ID.

Bank Account(Account Number, Type, Active, Client ID)

Bank Account.ClientID References Client.SSN

Transaction(Account Number, ID, Amount, Type, Channel Type, Date)

Transaction.Account Number References Bank Account.Account Number

Donation Payment(ID, Charity Name)

Donation Payment.ID References Transaction.ID

Certificate Transaction(ID, Certificate ID)

Certificate Transaction.ID References Transaction.ID

Certificate Transaction.Certificate ID References Certificate.ID

Bank Transfer Payment(ID, Recipient Account Number)

Bank Transfer Payment.ID References Transaction.ID

Internal(ID)

Internal.ID References Bank Transfer.ID

Domestic(ID)

Domestic.ID References Bank Transfer.ID

International(ID, IBAN)

International.ID References Bank Transfer.ID

Loan Payment(ID, Loan ID)

Loan Payment.ID References Transaction.ID

Loan Payment.Loan ID References Loan.ID

Credit Card Bill Payment(ID, Credit Bill ID)

Credit Card Bill Payment.ID References Transaction.ID

Credit Card Bill Payment.ID References Credit Bill.ID

Partial(ID)

Partial.ID References Credit Card Bill Payment.ID

Full(ID)

Full.ID References Credit Card Bill Payment.ID

Utility Bill Payment(ID, Utility Bill ID)

Utility Bill Payment.ID References Transaction.ID

Utility Bill Payment.Utility Bill ID References Utility Bill.ID

Application(ID, Status, Submission Date, Client SSN)

Application.Client SSN References Client.SSN

Credit Card Application(ID)

Credit Card Application.ID References Application.ID

Certificate Application(ID)

Certificate Application.ID References Application.ID

Loan Application(ID)

Loan Application.ID References Application.ID

Bill(ID, Due Date, Amount, Reminder Period)

Utility Bill(ID, Type)

Utility Bill.ID References Bill.ID.

Credit Bill(ID, Credit Card Number)

Credit Bill.ID References Bill.ID

Credit Bill.Credit Card Number References Credit Card.Card Number

Credit Card(Card Number, Spending Limit, Frozen, Credit Card App ID, Account Number)

Credit Card.Credit Card App ID References Credit Card Application.ID

Credit Card.Account Number References Bank Account.Account Number

Loan(ID, Type, Repayment Terms, Amount, Interest Rate, Loan App ID)

Loan.Loan App ID References Loan Application.ID

Certificate(<u>ID</u>, Amount, Return Of Investment Due Date, <u>Certificate App ID</u>)

Certificate.Certificate App ID References Certificate Application.ID